



Acoustic Components

KLS ELECTRONIC CO., LTD.

Acoustic Components



KLS

Your Best Components Sourcing

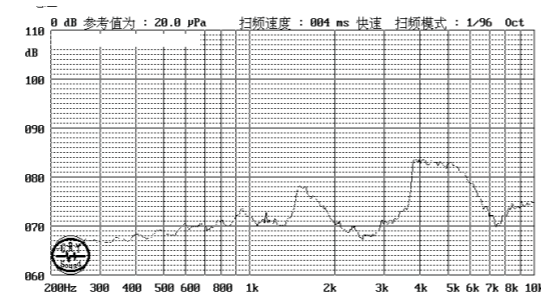
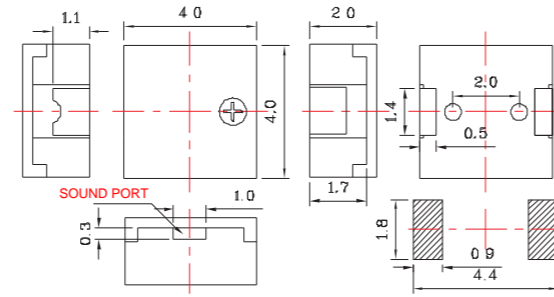
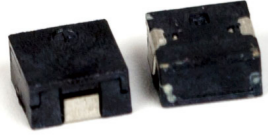


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L-KLS3-SMT-04*02

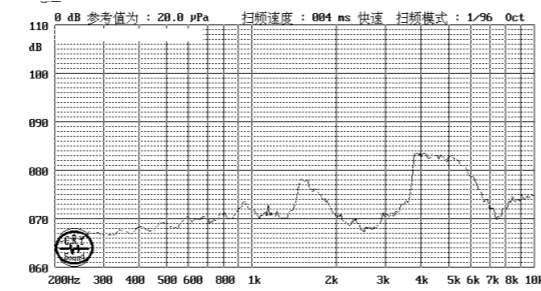
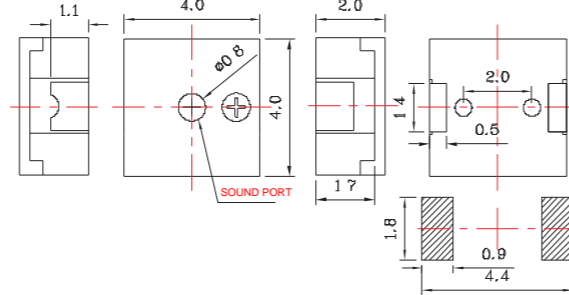
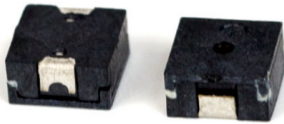
SMD Electro-Magnetic passive Buzzer 4KHz 3V 70dB/10cm side sound port



Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	Vo-p	2 ~ 4
Rated Voltage	Vo-p	3
Current Consumption	mA	MAX. 90
Sound Pressure Level	dB	MIN. 70
Coil Resistance	Ω	17 \pm 3
Operating Temperature	$^{\circ}$ C	-20 ~ +70
Storage Temperature	$^{\circ}$ C	-30 ~ +80
Dimension	mm	4.0 x 4.0 x H2.0
Weight (MAX)	gram	0.1

L-KLS3-SMT-04*02F

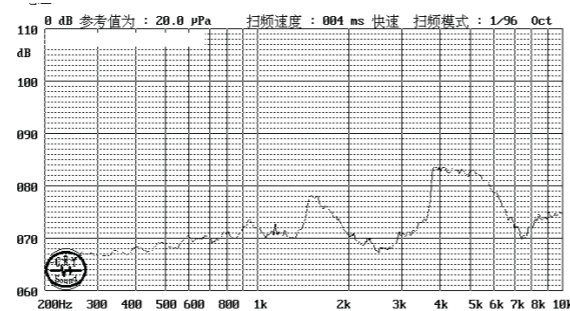
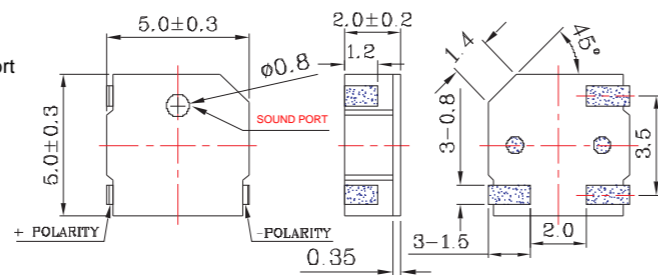
SMD Electro-Magnetic passive Buzzer 4KHz 3V 75dB/10cm top sound port



Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	Vo-p	2 ~ 4
Rated Voltage	Vo-p	3
Current Consumption	mA	MAX. 90
Sound Pressure Level	dB	MIN. 70
Coil Resistance	Ω	17 \pm 3
Operating Temperature	$^{\circ}$ C	-20 ~ +70
Storage Temperature	$^{\circ}$ C	-30 ~ +80
Dimension	mm	4.0 x 4.0 x H2.0
Weight (MAX)	gram	0.1

L-KLS3-SMT-05*02

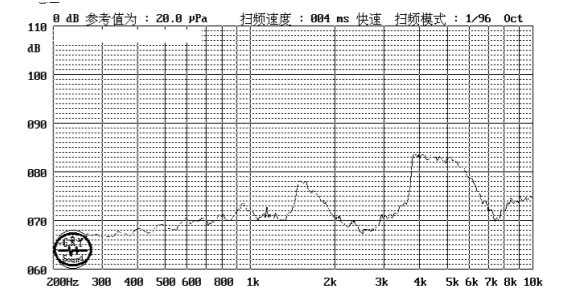
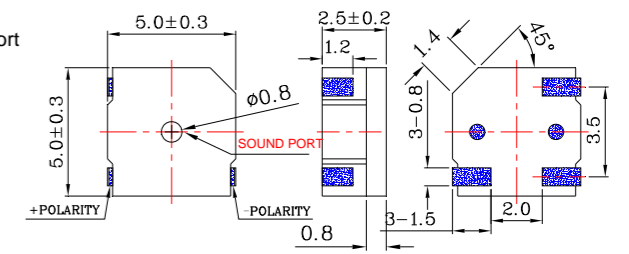
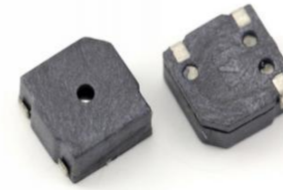
SMD Electro-Magnetic passive Buzzer 4KHz 3V 75dB/10cm top sound port



Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	Vo-p	2 ~ 4
Rated Voltage	Vo-p	3
Current Consumption	mA	MAX. 110
Sound Pressure Level	dB	MIN. 75
Coil Resistance	Ω	12 \pm 3
Operating Temperature	$^{\circ}$ C	-20 ~ +70
Storage Temperature	$^{\circ}$ C	-30 ~ +80
Dimension	mm	5.0 x 5.0 x H2.0
Weight (MAX)	gram	0.1

L-KLS3-SMT-05*2.5

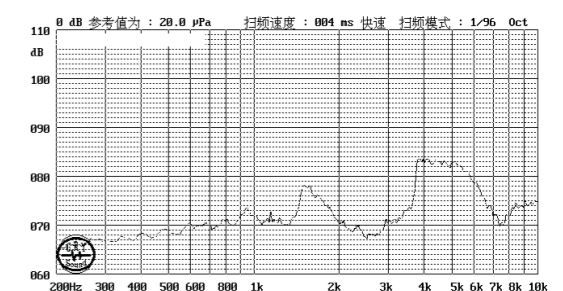
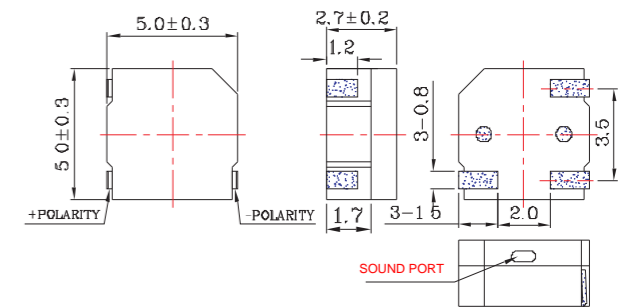
SMD Electro-Magnetic passive Buzzer 4KHz 3V 75dB/10cm top sound port



Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	Vo-p	2 ~ 4
Rated Voltage	Vo-p	3
Current Consumption	mA	MAX. 110
Sound Pressure Level	dB	MIN. 75
Coil Resistance	Ω	12 \pm 3
Operating Temperature	$^{\circ}$ C	-30 ~ +70
Storage Temperature	$^{\circ}$ C	-40 ~ +85
Dimension	mm	5.0 x 5.0 x H2.5
Weight (MAX)	gram	0.1

L-KLS3-SMT-05*2.7

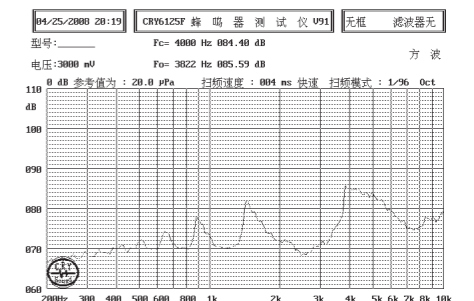
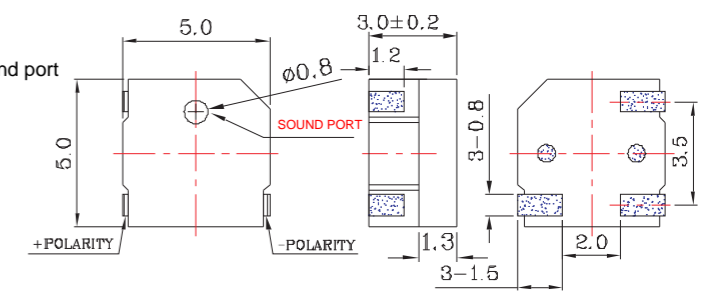
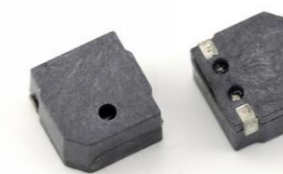
SMD Electro-Magnetic passive Buzzer 4KHz 3V 75dB/10cm top sound port



Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	Vo-p	2 ~ 4
Rated Voltage	Vo-p	3
Current Consumption	mA	MAX. 110
Sound Pressure Level	dB	MIN. 75
Coil Resistance	Ω	12 \pm 3
Operating Temperature	$^{\circ}$ C	-30 ~ +70
Storage Temperature	$^{\circ}$ C	-40 ~ +80
Dimension	mm	5.0 x 5.0 x H2.7
Weight (MAX)	gram	0.1

L-KLS3-SMT-05*03

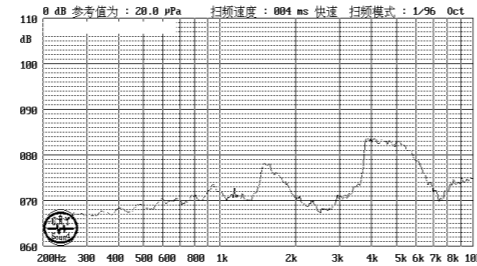
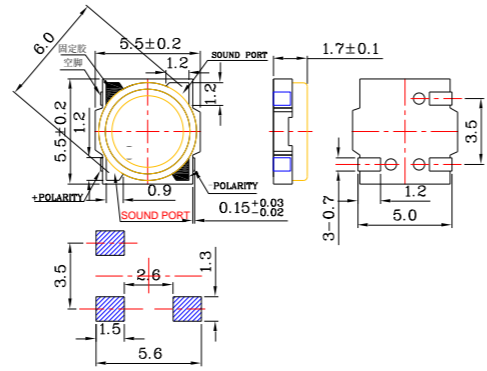
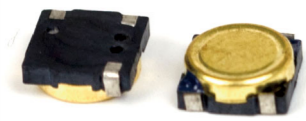
SMD Electro-Magnetic passive Buzzer 4KHz 3V 75dB/10cm top sound port



Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	Vo-p	2 ~ 4
Rated Voltage	Vo-p	3
Current Consumption	mA	MAX. 110
Sound Pressure Level	dB	MIN. 75
Coil Resistance	Ω	12 \pm 3
Operating Temperature	$^{\circ}$ C	-30 ~ +70
Storage Temperature	$^{\circ}$ C	-40 ~ +85
Dimension	mm	5.0 x 5.0 x H3.0
Weight (MAX)	gram	0.6

L-KLS3-SMT-05*1.7

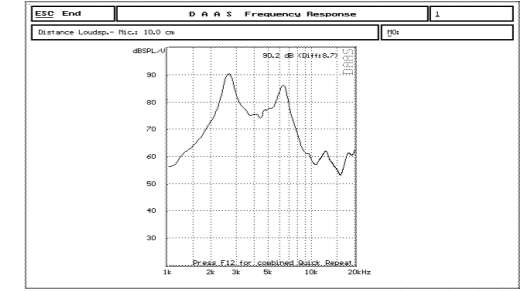
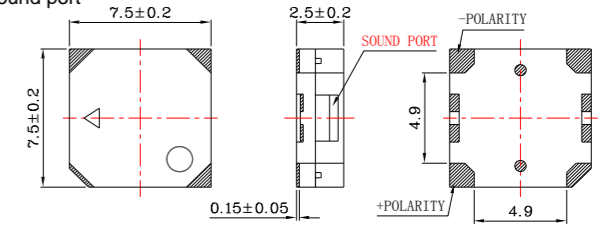
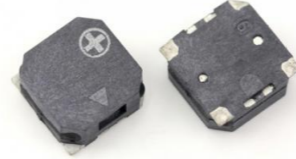
SMD Electro-Magnetic passive Buzzer 4KHz 3V 75dB/10cm Top sound port



Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	Vo-p	2 ~ 4
Rated Voltage	Vo-p	3
Current Consumption	mA	MAX. 110
Sound Pressure Level	dB	MIN. 75
Coil Resistance	Ω	12±3
Operating Temperature	°C	-20 ~ +70
Storage Temperature	°C	-30 ~ +80
Dimension	mm	5.5 x 5.5 x H1.7
Weight (MAX)	gram	0.6

L-KLS3-SMT-7.5*2.5

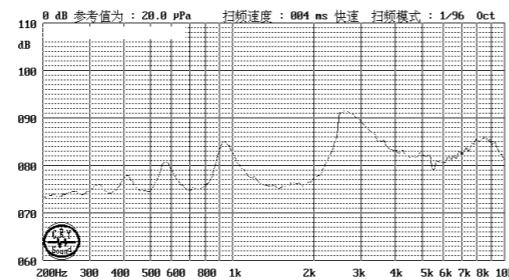
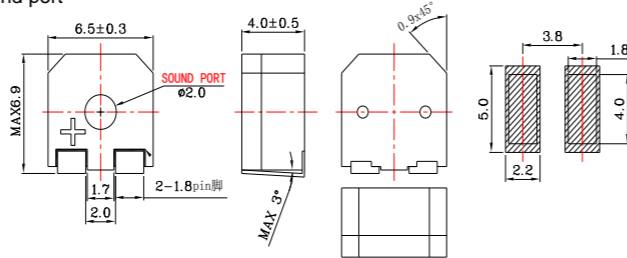
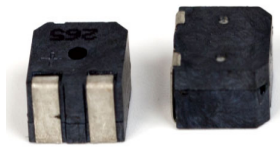
SMD Electro-Magnetic passive Buzzer 2.7KHz 3.6V 80dB/10cm Side sound port



Item	Unit	Specification
Oscillation Frequency	Hz	2700
Operating Voltage	Vo-p	2.5~ 4.5
Rated Voltage	Vo-p	3.6
Current Consumption	mA	MAX. 100
Sound Pressure Level	dB	MIN. 80
Coil Resistance	Ω	16±3
Operating Temperature	°C	-40 ~ +85
Storage Temperature	°C	-40 ~ +85
Dimension	mm	7.5 x 7.5 x H2.5
Weight (MAX)	gram	0.8

L-KLS3-SMT-6.5*04

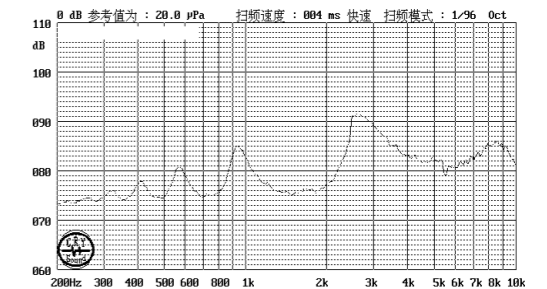
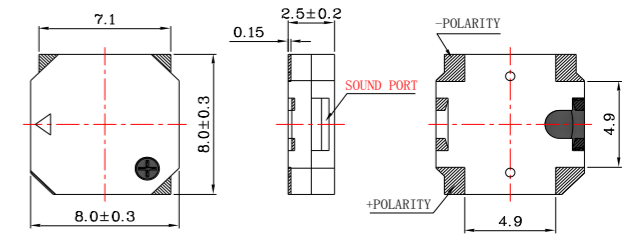
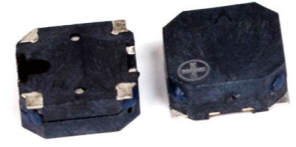
SMD Electro-Magnetic passive Buzzer 2.7KHz 3.6V 85dB/10cm Top sound port



Item	Unit	Specification
Oscillation Frequency	Hz	2700
Operating Voltage	Vo-p	2.5~ 4.5
Rated Voltage	Vo-p	3.6
Current Consumption	mA	MAX. 120
Sound Pressure Level	dB	MIN. 85
Coil Resistance	Ω	12±2
Operating Temperature	°C	-40 ~ +85
Storage Temperature	°C	-40 ~ +85
Dimension	mm	6.5 x 6.5 x H4.0
Weight (MAX)	gram	0.8

L-KLS3-SMT-8.0*2.5

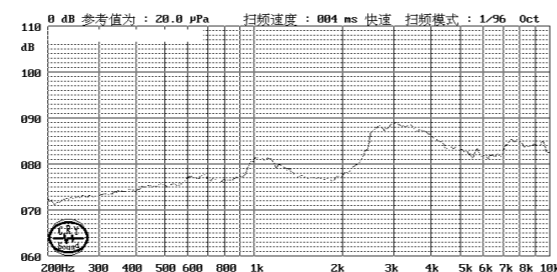
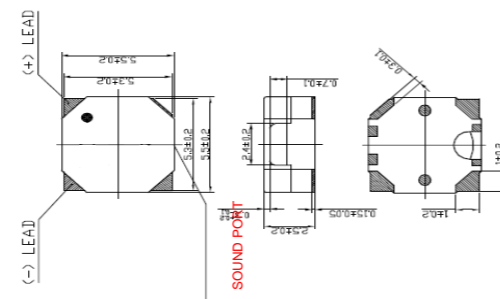
SMD Electro-Magnetic passive Buzzer 2.7KHz 3.6V 85dB/10cm Side sound port



Item	Unit	Specification
Oscillation Frequency	Hz	2700
Operating Voltage	Vo-p	2.5~ 4.5
Rated Voltage	Vo-p	3.6
Current Consumption	mA	MAX. 100
Sound Pressure Level	dB	MIN. 85
Coil Resistance	Ω	16±3
Operating Temperature	°C	-30 ~ +70
Storage Temperature	°C	-40 ~ +80
Dimension	mm	8.0 x 8.0 x H2.5
Weight (MAX)	gram	0.8

L-KLS3-SMT-5.5*2.5

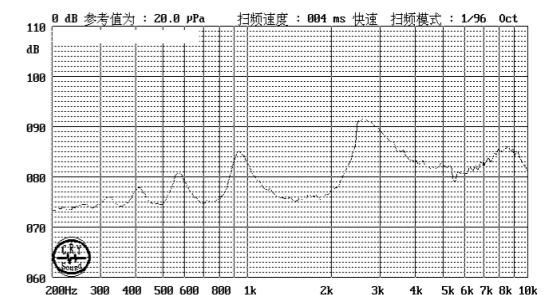
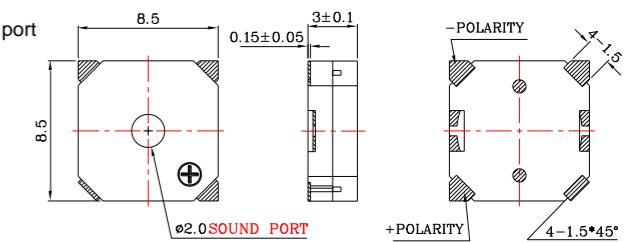
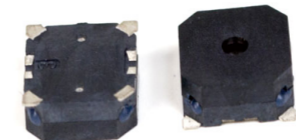
SMD Electro-Magnetic passive Buzzer 3.1KHz 3V 80dB/10cm Side sound port



Item	Unit	Specification
Oscillation Frequency	Hz	3100
Operating Voltage	Vo-p	2.5 ~ 4.5
Rated Voltage	Vo-p	3
Current Consumption	mA	MAX. 120
Sound Pressure Level	dB	MIN. 80
Coil Resistance	Ω	10±1.5
Operating Temperature	°C	-40 ~ +85
Storage Temperature	°C	-40 ~ +85
Dimension	mm	5.5 x 5.5 x H2.5
Weight (MAX)	gram	0.8

L-KLS3-SMT-8.5*03D

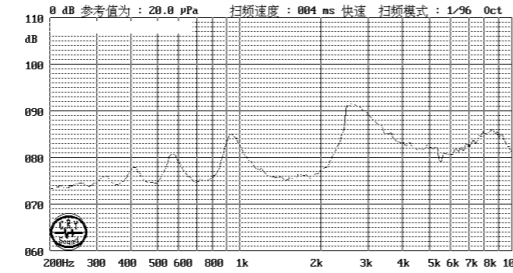
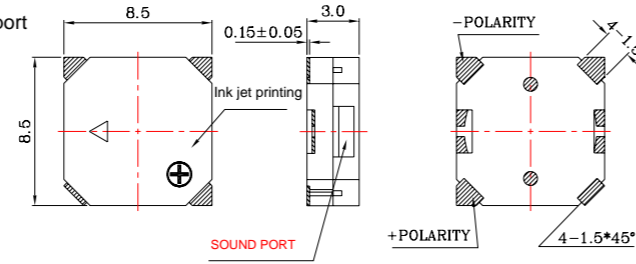
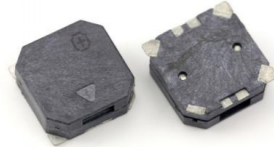
SMD Electro-Magnetic passive Buzzer 2.7KHz 3.6V 85dB/10cm Top sound port



Item	Unit	Specification
Oscillation Frequency	Hz	2700
Operating Voltage	Vo-p	2.5~ 4.5
Rated Voltage	Vo-p	3.6
Current Consumption	mA	MAX.100
Sound Pressure Level	dB	MIN. 85
Coil Resistance	Ω	16±3
Operating Temperature	°C	-20 ~ +60
Storage Temperature	°C	-30 ~ +80
Dimension	mm	8.5 x 8.5 x H3.0
Weight (MAX)	gram	0.6

L-KLS3-SMT-8.5*03B

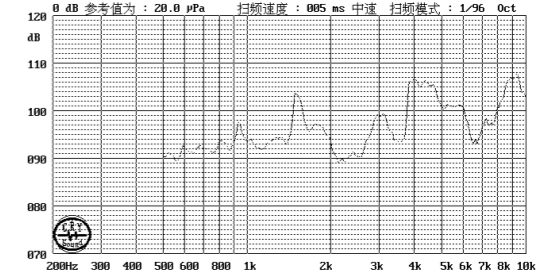
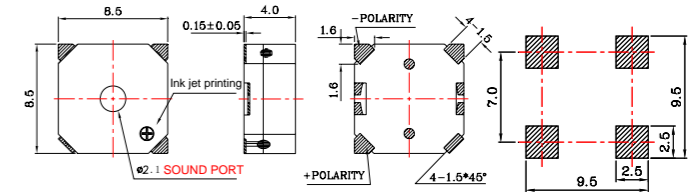
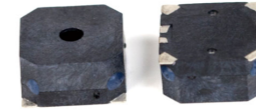
SMD Electro-Magnetic passive Buzzer 2.7KHz 3.6V 85dB/10cm top sound port



Item	Unit	Specification
Oscillation Frequency	Hz	2700
Operating Voltage	Vo-p	2.5 ~ 4.5
Rated Voltage	Vo-p	3.6
Current Consumption	mA	MAX. 100
Sound Pressure Level	dB	MIN. 85
Coil Resistance	Ω	16±3
Operating Temperature	°C	-20 ~ +60
Storage Temperature	°C	-30 ~ +80
Dimension	mm	8.5 x 8.5 x H3.0
Weight (MAX)	gram	0.8

L-KLS3-SMT-8.5*04E

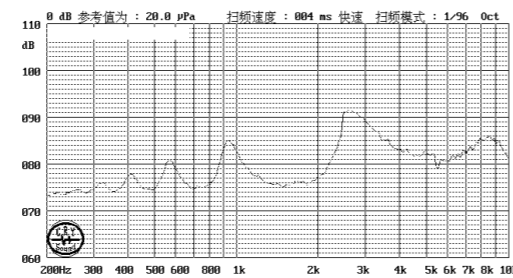
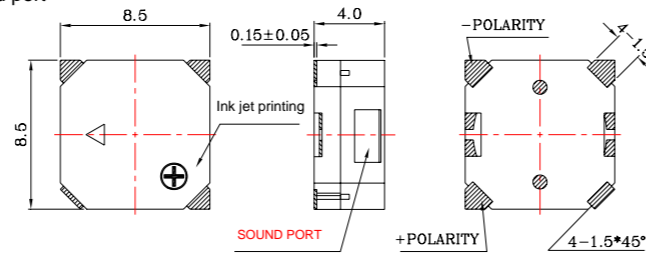
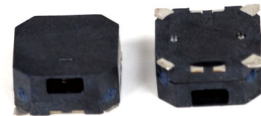
SMD Electro-Magnetic passive Buzzer 4KHz 5V 100dB/10cm top sound port



Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	Vo-p	4 ~ 7
Rated Voltage	Vo-p	5
Current Consumption	mA	MAX. 150
Sound Pressure Level	dB	MIN. 100
Coil Resistance	Ω	13±3
Operating Temperature	°C	-20 ~ +60
Storage Temperature	°C	-30 ~ +80
Dimension	mm	8.5 x 8.5 x H4.0
Weight (MAX)	gram	0.8

L-KLS3-SMT-8.5*04

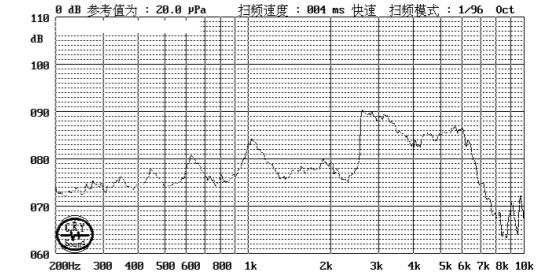
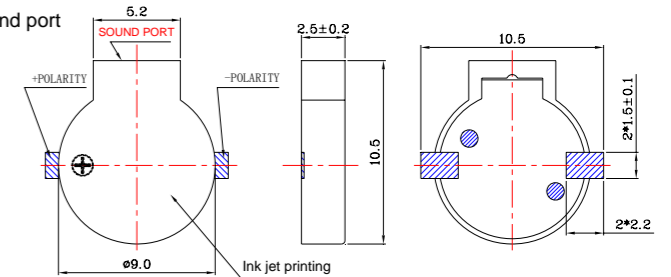
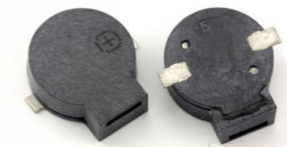
SMD Electro-Magnetic passive Buzzer 2.7KHz 3.6V 85dB/10cm side sound port



Item	Unit	Specification
Oscillation Frequency	Hz	2700
Operating Voltage	Vo-p	2.5 ~ 4.5
Rated Voltage	Vo-p	3.6
Current Consumption	mA	MAX. 100
Sound Pressure Level	dB	MIN. 85
Coil Resistance	Ω	16±3
Operating Temperature	°C	-20 ~ +85
Storage Temperature	°C	-30 ~ +90
Dimension	mm	8.5 x 8.5 x H4.0
Weight (MAX)	gram	0.8

L-KLS3-SMT-09*2.5

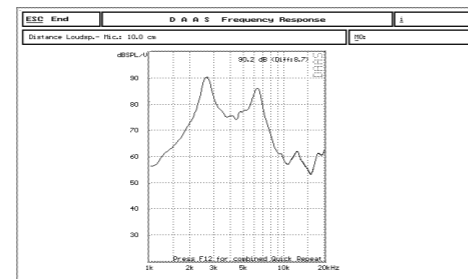
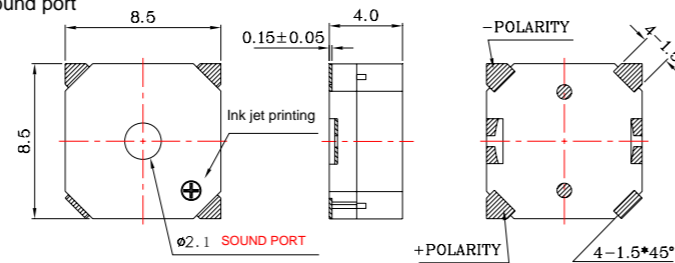
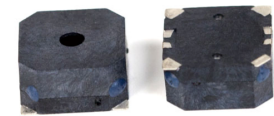
SMD Electro-Magnetic passive Buzzer 2.7KHz 3.6V 80dB/10cm side sound port



Item	Unit	Specification
Oscillation Frequency	Hz	2700
Operating Voltage	Vo-p	2 ~ 4
Rated Voltage	Vo-p	3
Current Consumption	mA	MAX. 100
Sound Pressure Level	dB	MIN. 80
Coil Resistance	Ω	16±3
Operating Temperature	°C	-30 ~ +70
Storage Temperature	°C	-40 ~ +85
Dimension	mm	Φ9.0 x H2.5
Weight (MAX)	gram	0.8

L-KLS3-SMT-8.5*04F

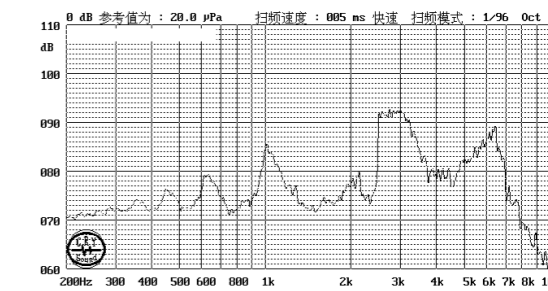
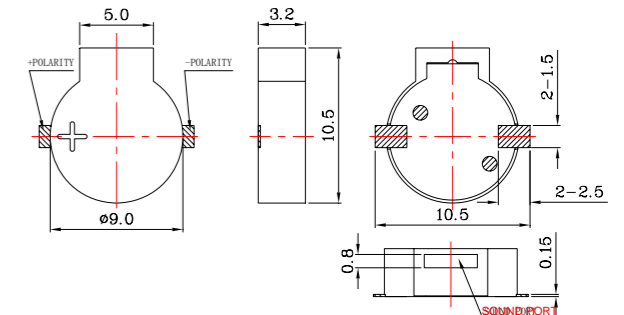
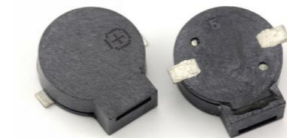
SMD Electro-Magnetic passive Buzzer 2.7KHz 3.6V 75dB/10cm top sound port



Item	Unit	Specification
Oscillation Frequency	Hz	2700
Operating Voltage	Vo-p	2.5 ~ 4.5
Rated Voltage	Vo-p	3.6
Current Consumption	mA	MAX. 100
Sound Pressure Level	dB	MIN. 85
Coil Resistance	Ω	16±3
Operating Temperature	°C	-20 ~ +70
Storage Temperature	°C	-30 ~ +80
Dimension	mm	8.5 x 8.5 x H4.0
Weight (MAX)	gram	0.8

L-KLS3-SMT-09*3.2

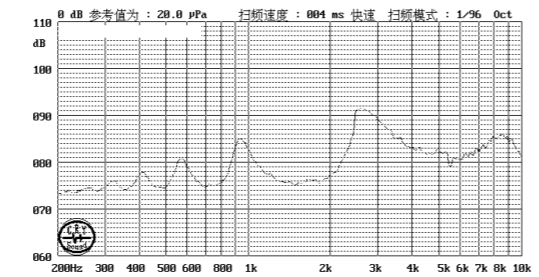
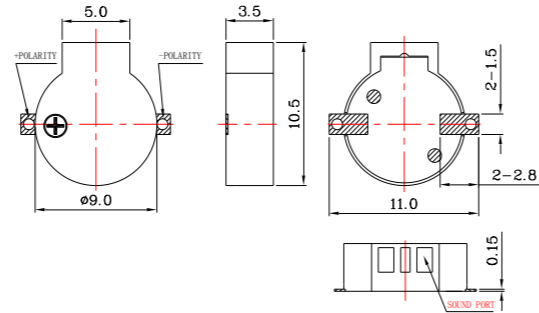
SMD Electro-Magnetic passive Buzzer 2.7KHz 3V 85dB/10cm top sound port



Item	Unit	Specification
Oscillation Frequency	Hz	2700
Operating Voltage	Vo-p	2 ~ 4
Rated Voltage	Vo-p	3
Current Consumption	mA	MAX. 100
Sound Pressure Level	dB	MIN. 85
Coil Resistance	Ω	16±3
Operating Temperature	°C	-30 ~ +70
Storage Temperature	°C	-40 ~ +85
Dimension	mm	Φ9.0 x H3.2
Weight (MAX)	gram	0.8

L-KLS3-SMT-09*3.5

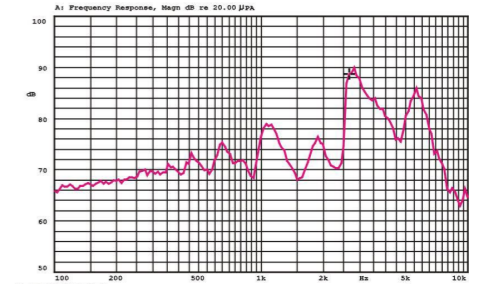
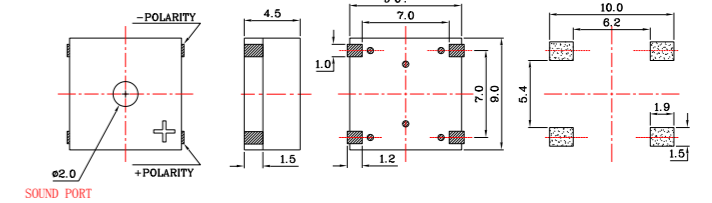
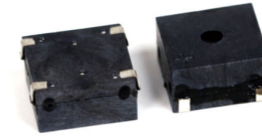
SMD Electro-Magnetic passive Buzzer 2.731KHz 3.6V 85dB/10cm side sound port



Item	Unit	Specification
Oscillation Frequency	Hz	2731
Operating Voltage	Vo-p	2.5-4.5
Rated Voltage	Vo-p	3.6
Current Consumption	mA	MAX. 100
Sound Pressure Level	dB	MIN. 85
Coil Resistance	Ω	16 \pm 3
Operating Temperature	$^{\circ}$ C	-30 ~ +70
Storage Temperature	$^{\circ}$ C	-40 ~ +85
Dimension	mm	9.0 x H3.5
Weight (MAX)	gram	0.8

L-KLS3-SMT-09*4.5C

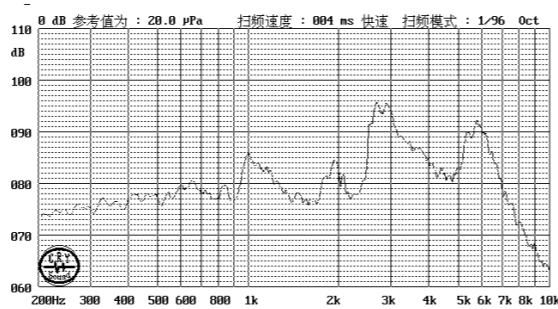
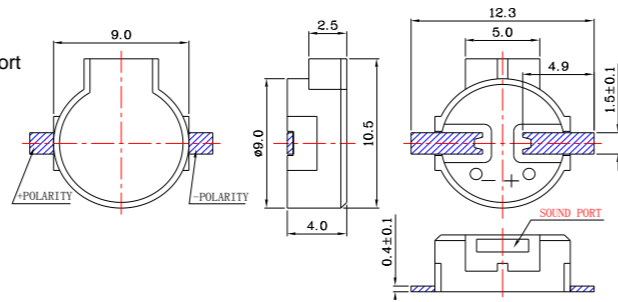
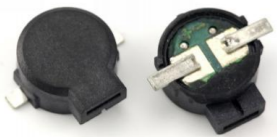
SMD Electro-Magnetic passive Buzzer 3KHz 3V 87dB/10cm top sound port



Item	Unit	Specification
Oscillation Frequency	Hz	3000
Operating Voltage	Vo-p	2 ~ 4
Rated Voltage	Vo-p	3
Current Consumption	mA	MAX. 80
Sound Pressure Level	dB	MIN. 87
Coil Resistance	Ω	18 \pm 3
Operating Temperature	$^{\circ}$ C	-40 ~ +85
Storage Temperature	$^{\circ}$ C	-30 ~ +80
Dimension	mm	9.0 x 9.0 x H4.5
Weight (MAX)	gram	0.6

L-KLS3-SMT-09*04

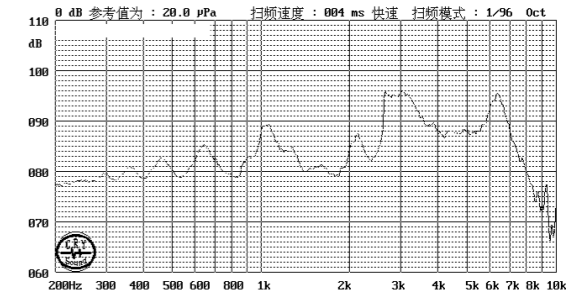
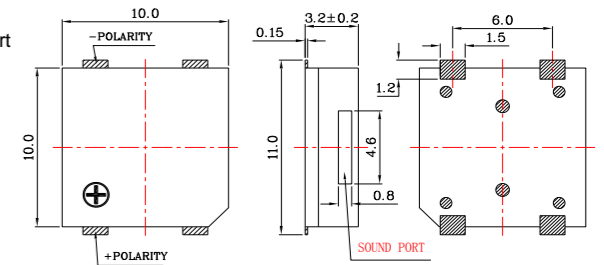
SMD Electro-Magnetic passive Buzzer 2.7KHz 3.6V 85dB/10cm side sound port



Item	Unit	Specification
Oscillation Frequency	Hz	2700
Operating Voltage	Vo-p	2.5 ~ 4.5
Rated Voltage	Vo-p	3.6
Current Consumption	mA	MAX. 100
Sound Pressure Level	dB	MIN. 85
Coil Resistance	Ω	16 \pm 3
Operating Temperature	$^{\circ}$ C	-20 ~ +70
Storage Temperature	$^{\circ}$ C	-30 ~ +80
Dimension	mm	9.0 x H4.0
Weight (MAX)	gram	1.0

L-KLS3-SMT-10*03A

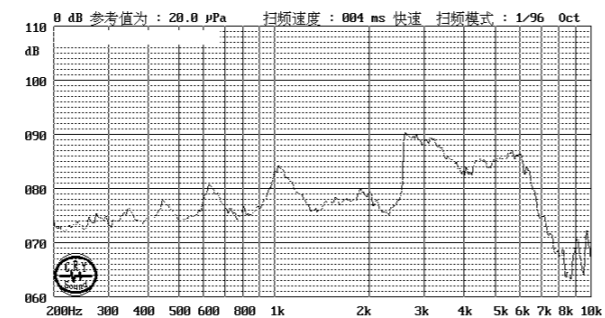
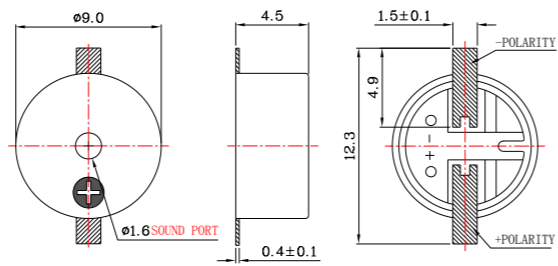
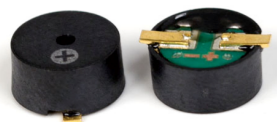
SMD Electro-Magnetic passive Buzzer 2.83KHz 3.6V 90dB/10cm side sound port



Item	Unit	Specification
Oscillation Frequency	Hz	2830
Operating Voltage	Vo-p	2.5 ~ 4.5
Rated Voltage	Vo-p	3.6
Current Consumption	mA	MAX. 100
Sound Pressure Level	dB	MIN. 90
Coil Resistance	Ω	18 \pm 3
Operating Temperature	$^{\circ}$ C	-20 ~ +60
Storage Temperature	$^{\circ}$ C	-30 ~ +80
Dimension	mm	10.0 x 10.0 x H3.2
Weight (MAX)	gram	0.6

L-KLS3-SMT-09*4.5B

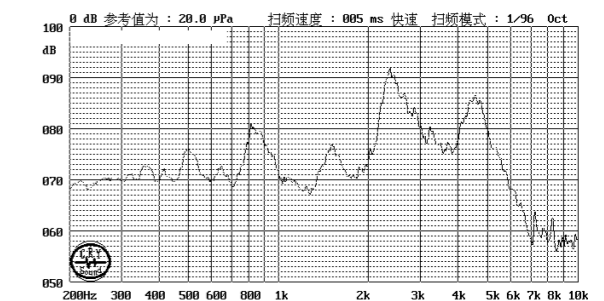
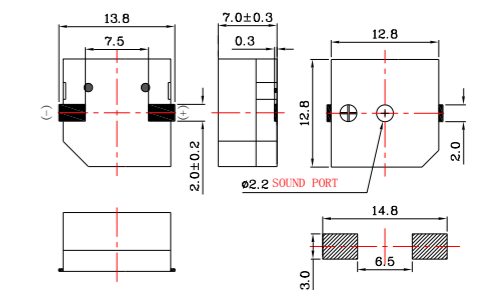
SMD Electro-Magnetic passive Buzzer 2.731KHz 3V 85dB/10cm top sound port



Item	Unit	Specification
Oscillation Frequency	Hz	2731
Operating Voltage	Vo-p	2 ~ 4
Rated Voltage	Vo-p	3
Current Consumption	mA	MAX. 80
Sound Pressure Level	dB	MIN. 85
Coil Resistance	Ω	16 \pm 3
Operating Temperature	$^{\circ}$ C	-20 ~ +70
Storage Temperature	$^{\circ}$ C	-30 ~ +80
Dimension	mm	9.0 x H4.5
Weight (MAX)	gram	0.8

L-KLS3-SMT-13*07B

SMD Electro-Magnetic passive Buzzer 2.4KHz 5V 90dB/10cm top sound port



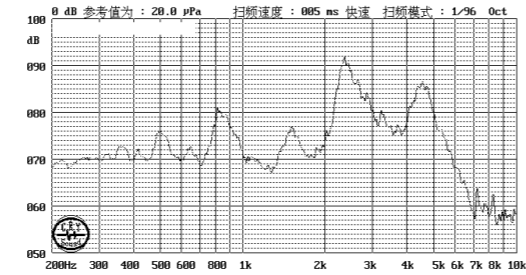
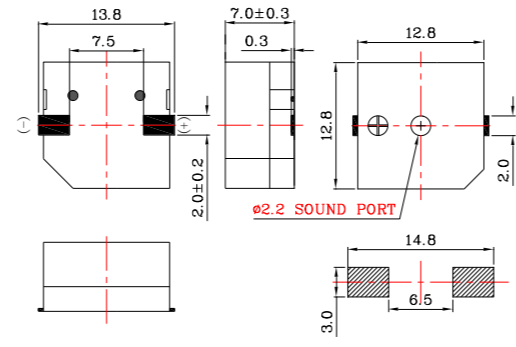
Item	Unit	Specification
Oscillation Frequency	Hz	2400
Operating Voltage	Vo-p	3 ~ 7
Rated Voltage	Vo-p	5
Current Consumption	mA	MAX.90
Sound Pressure Level	dB	MIN. 90
Coil Resistance	Ω	47 \pm 4
Operating Temperature	$^{\circ}$ C	-40 ~ +85
Storage Temperature	$^{\circ}$ C	-40 ~ +90
Dimension	mm	12.8 x 12.8 x H7.0
Weight (MAX)	gram	2.0

L-KLS3-SMT-13*07A

SMD Electro-Magnetic passive Buzzer 2.4KHz 5V 85dB/10cm Top sound port

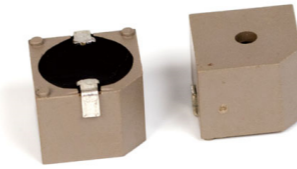


Item	Unit	Specification
Oscillation Frequency	Hz	2400
Operating Voltage	Vo-p	4 ~ 7
Rated Voltage	Vo-p	5
Current Consumption	mA	MAX. 50
Sound Pressure Level	dB	MIN. 85
Coil Resistance	Ω	45±5
Operating Temperature	℃	-20 ~ +70
Storage Temperature	℃	-30 ~ +80
Dimension	mm	12.8 x 12.8 x H7.0
Weight (MAX)	gram	2.0

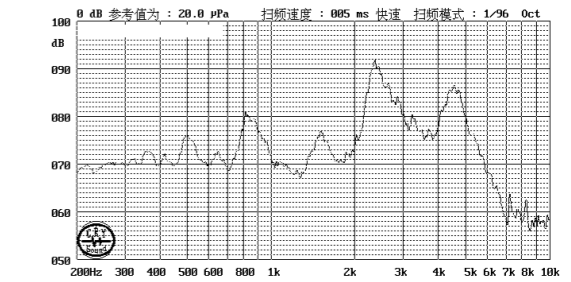
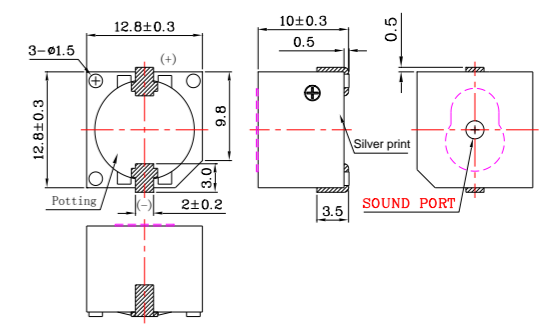


L-KLS3-SMT-13*10

SMD Electro-Magnetic passive Buzzer 2.4KHz 5V 85dB/10cm Top sound port

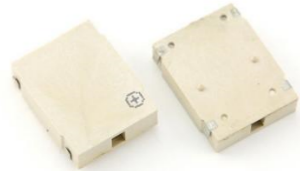


Item	Unit	Specification
Oscillation Frequency	Hz	2400
Operating Voltage	Vo-p	4 ~ 8
Rated Voltage	Vo-p	5
Current Consumption	mA	MAX. 40
Sound Pressure Level	dB	MIN. 85
Coil Resistance	Ω	47±5
Operating Temperature	℃	-40 ~ +85
Storage Temperature	℃	-40 ~ +85
Dimension	mm	12.8 x 12.8 x H10
Weight (MAX)	gram	2.5

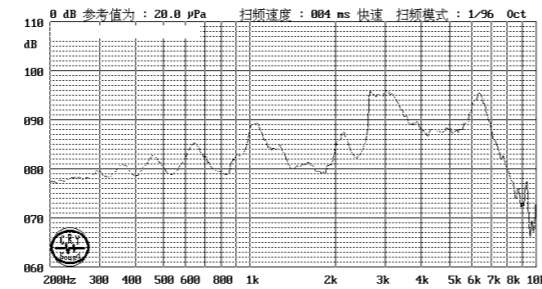
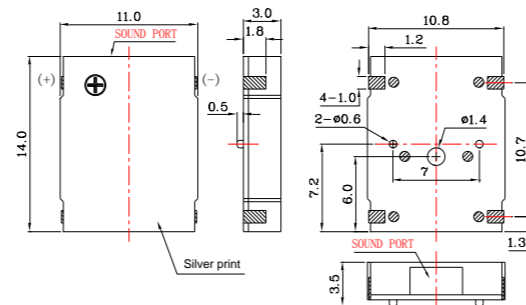


L-KLS3-SMT-14*03

SMD Electro-Magnetic passive Buzzer 2.731KHz 5V 87dB/10cm Side sound port

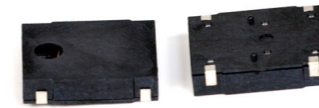


Item	Unit	Specification
Oscillation Frequency	Hz	2731
Operating Voltage	Vo-p	4 ~ 6
Rated Voltage	Vo-p	5
Current Consumption	mA	MAX. 80
Sound Pressure Level	dB	MIN. 87
Coil Resistance	Ω	40±4
Operating Temperature	℃	-40 ~ +85
Storage Temperature	℃	-40 ~ +90
Dimension	mm	14.0 x 11.0 x H3.5
Weight (MAX)	gram	1.0

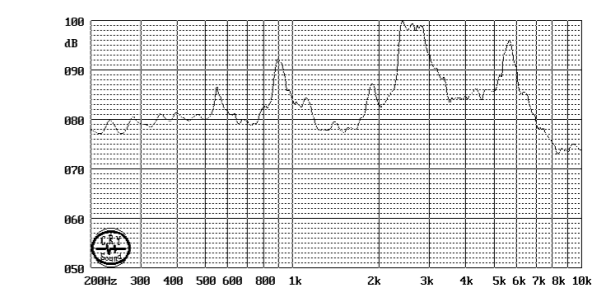
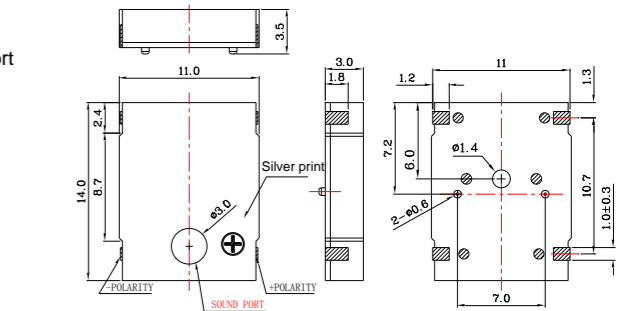


L-KLS3-SMT-14*03D

SMD Electro-Magnetic passive Buzzer 2.73KHz 5V 87dB/10cm Top sound port

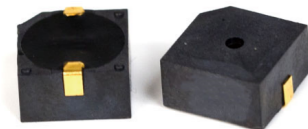


Item	Unit	Specification
Oscillation Frequency	Hz	2730
Operating Voltage	Vo-p	3 ~ 7
Rated Voltage	Vo-p	5
Current Consumption	mA	MAX. 80
Sound Pressure Level	dB	MIN. 87
Coil Resistance	Ω	40±5
Operating Temperature	℃	-20 ~ +60
Storage Temperature	℃	-30 ~ +80
Dimension	mm	14.0 x 11.0 x H3.5
Weight (MAX)	gram	1.0

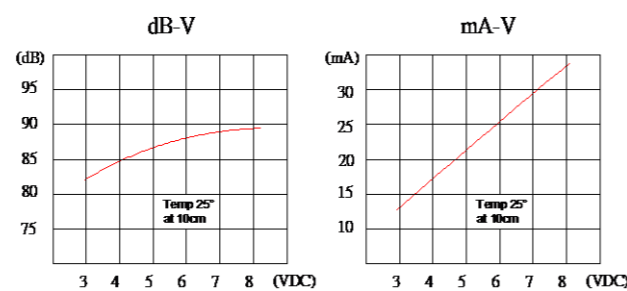
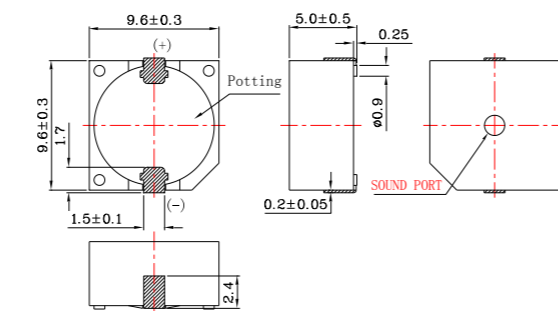


L-KLS3-SMT-10*05

SMD Electro-Magnetic Active Buzzer 2.7±0.3KHz 5V 80dB/10cm Top sound port

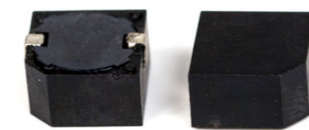


Item	Unit	Specification
Oscillation Frequency	Hz	2700±300
Operating Voltage	Vo-p	4 ~ 7
Rated Voltage	Vo-p	5
Current Consumption	mA	MAX. 30
Sound Pressure Level	dB	MIN. 80
Tone Natural		single
Operating Temperature	℃	-20 ~ +70
Storage Temperature	℃	-30 ~ +85
Dimension	mm	9.6 x 9.6 x H5.0
Weight (MAX)	gram	1.5

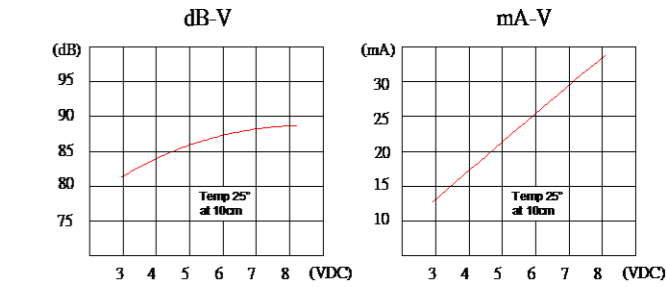
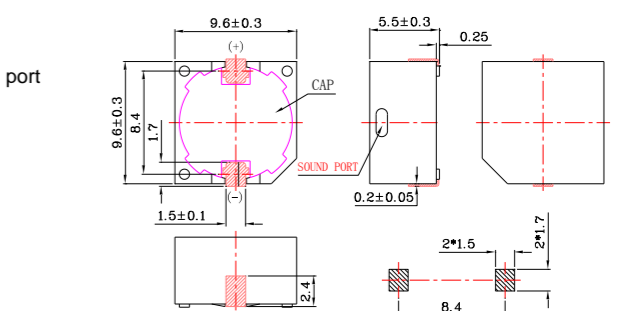


L-KLS3-SMT-10*06

SMD Electro-Magnetic Active Buzzer 2.7±0.3KHz 5V 83dB/10cm Side sound port

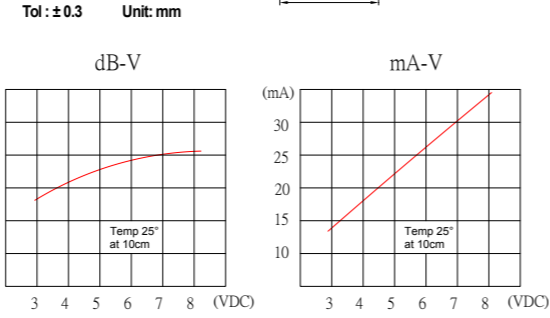
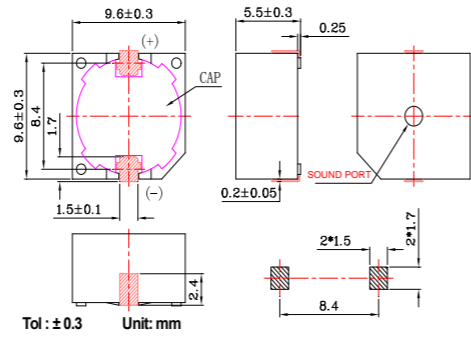
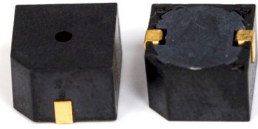


Item	Unit	Specification
Oscillation Frequency	Hz	2700±300
Operating Voltage	Vo-p	4 ~ 7
Rated Voltage	Vo-p	5
Current Consumption	mA	MAX.30
Sound Pressure Level	dB	MIN. 83
Tone Natural		single
Operating Temperature	℃	-20 ~ +70
Storage Temperature	℃	-30 ~ +85
Dimension	mm	9.6 x 9.6 x H5.5
Weight (MAX)	gram	1.5



L-KLS3-SMT-10*06F

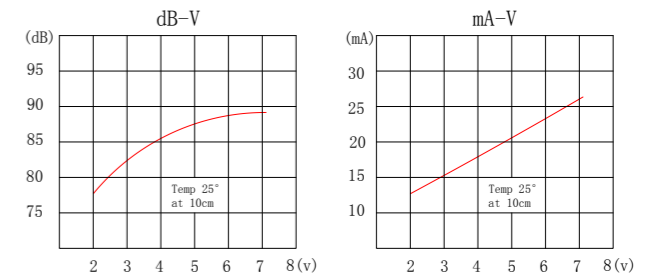
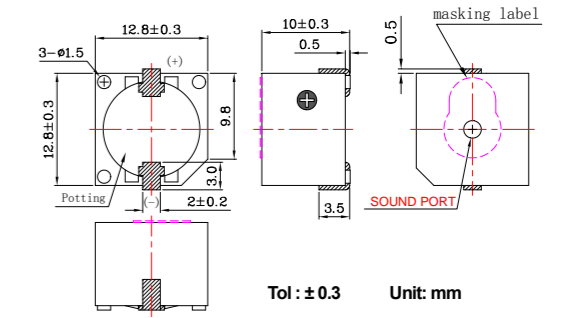
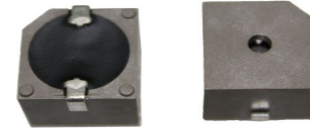
SMD Electro-Magnetic Active Buzzer 2.7KHZ 5V 83dm/10cm Top Sound Port



Item	Unit	Specification
Oscillation Frequency	Hz	2700±300
Operating Voltage	Vo-p	4 ~ 7
Rated Voltage	Vo-p	5
Current Consumption	mA	MAX. 30
Sound Pressure Level	dB	MIN. 83
Tone Nature		Single
Operating Temperature	°C	-20 ~ +70
Storage Temperature	°C	-30 ~ +83
Dimension	mm	9.6 x 9.6 x H5.5
Weight (MAX)	gram	1.5

L-KLS3-SMT-13*10F

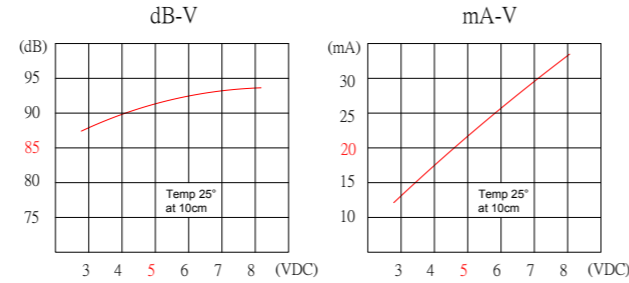
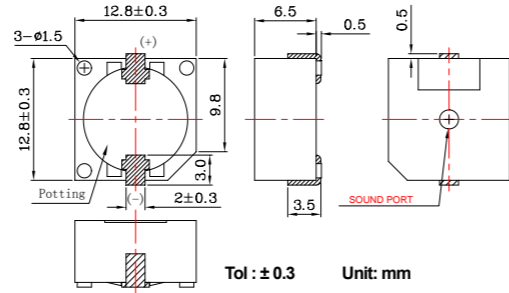
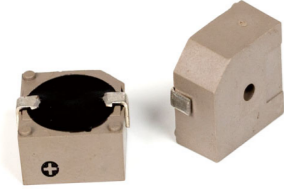
SMD Electro-Magnetic Active Buzzer 2.4KHz 5V 85dB/10cm Side Sound Port



Item	Unit	Specification
Oscillation Frequency	Hz	2400±300
Operating Voltage	Vo-p	4 ~ 7
Rated Voltage	Vo-p	5
Current Consumption	mA	MAX. 30
Sound Pressure Level	dB	MIN. 85
Tone Nature		Single
Operating Temperature	°C	-20 ~ +70
Storage Temperature	°C	-30 ~ +85
Dimension	mm	12.8 x 12.8 x H10
Weight (MAX)	gram	2.5

L-KLS3-SMT-13*07F

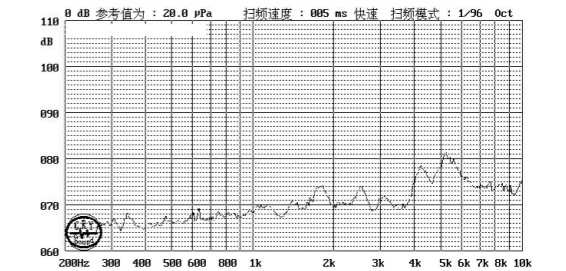
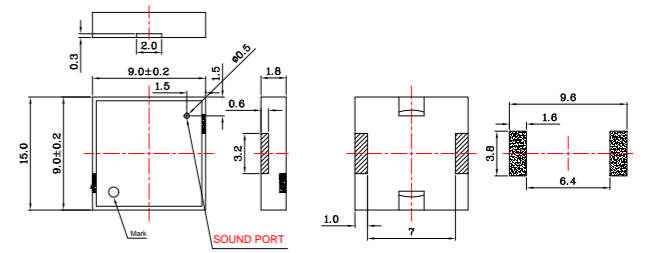
SMD Electro-Magnetic Active Buzzer 2.4KHz 5V 85dB/10cm Top Sound Port



Item	Unit	Specification
Oscillation Frequency	Hz	2400±300
Operating Voltage	Vo-p	4 ~ 7
Rated Voltage	Vo-p	5
Current Consumption	mA	MAX. 30
Sound Pressure Level	dB	MIN. 85
Tone Nature		Constant
Operating Temperature	°C	-20 ~ +70
Storage Temperature	°C	-30 ~ +80
Dimension	mm	12.8 x 12.8 x H7
Weight (MAX)	gram	2.0

L-KLS3-SMT-09*1.8

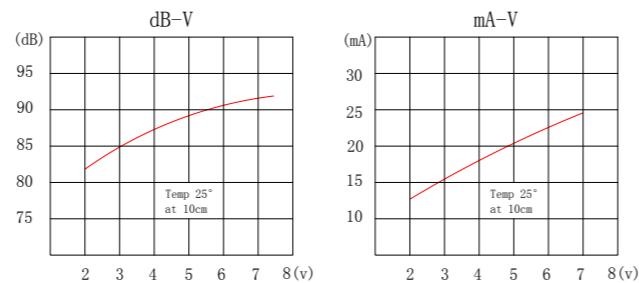
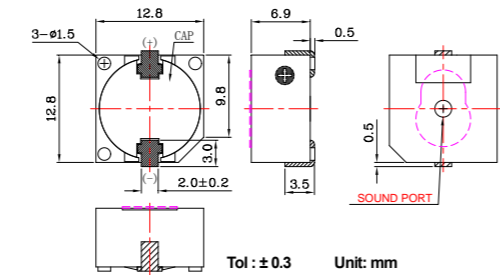
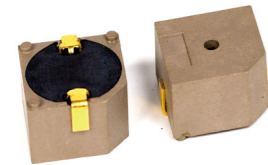
SMD Piezo Electric passive Buzzer 4KHz 3V 65dB/10cm Top Sound Port



Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	Vo-p	1 ~ 25
Rated Voltage	Vo-p	3
Current Consumption	mA	MAX. 5
Sound Pressure Level	dB	MIN. 65
Capacitance	PF	12000±30%
Operating Temperature	°C	-30 ~ +70
Storage Temperature	°C	-40 ~ +85
Dimension	mm	9.0 x 9.0 x H1.8
Weight (MAX)	gram	0.3

L-KLS3-SMT-13*08F

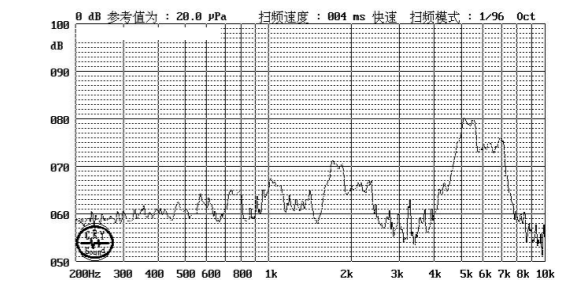
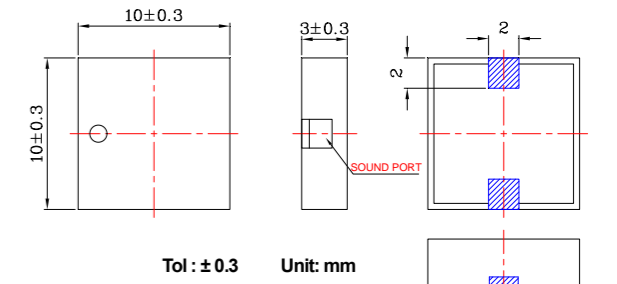
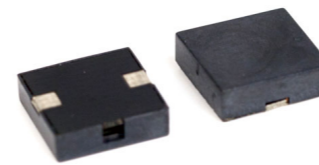
SMD Electro-Magnetic Active Buzzer 2.4KHz 5V 85dB/10cm Top Sound Port



Item	Unit	Specification
Oscillation Frequency	Hz	2400±300
Operating Voltage	Vo-p	3 ~ 7
Rated Voltage	Vo-p	5
Current Consumption	mA	MAX. 30
Sound Pressure Level	dB	MIN. 85
Tone Nature		Constant
Operating Temperature	°C	-30 ~ +80
Storage Temperature	°C	-40 ~ +85
Dimension	mm	12.8 x 12.8 x H7.4
Weight (MAX)	gram	2.0

L-KLS3-SMT-10*03B

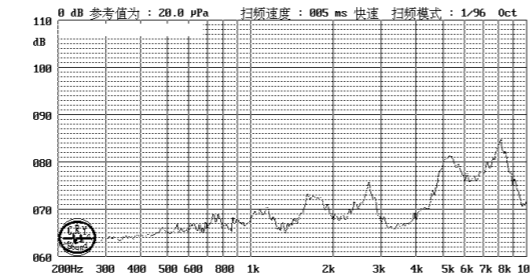
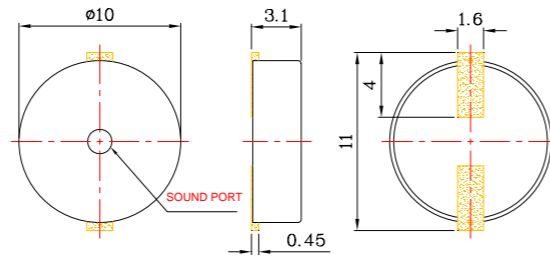
SMD Piezo Electric passive Buzzer 5.2KHz 5V 70dB/10cm Side Sound Port



Item	Unit	Specification
Oscillation Frequency	Hz	5200
Operating Voltage	Vo-p	1 ~ 25
Rated Voltage	Vo-p	5
Current Consumption	mA	MAX. 3
Sound Pressure Level	dB	MIN. 70
Capacitance	PF	12000±30%
Operating Temperature	°C	-20 ~ +70
Storage Temperature	°C	-30 ~ +80
Dimension	mm	10 x 10 x H3
Weight (MAX)	gram	0.3

L-KLS3-SMT-10*03C

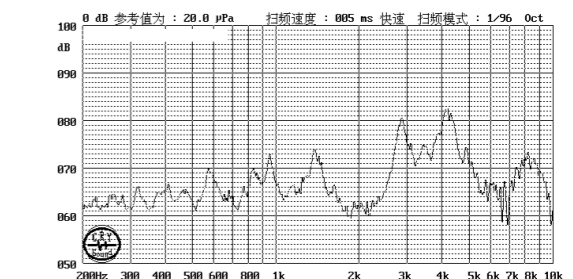
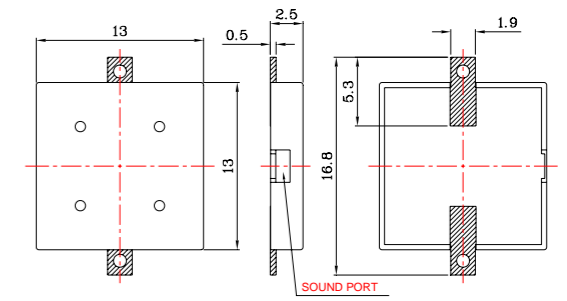
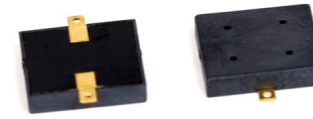
SMD Pizeo electric passive Buzzer 5.2KHz 3V 75dB/10cm top sound port



Item	Unit	Specification
Oscillation Frequency	Hz	5200
Operating Voltage	Vo-p	1~25
Rated Voltage	Vo-p	5
Current Consumption	mA	MAX. 3
Sound Pressure Level	dB	MIN. 75
Capacitance	PF	11000±30%
Operating Temperature	°C	-20 ~ +70
Storage Temperature	°C	-30 ~ +80
Dimension	mm	10 x H3.1
Weight (MAX)	gram	0.3

L-KLS3-SMT-13*2.5B

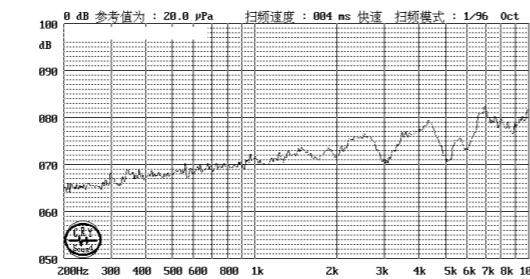
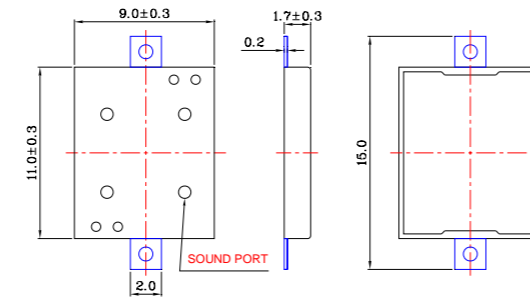
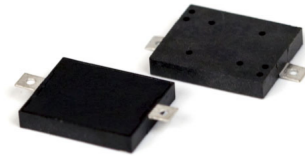
SMD Pizeo electric passive Buzzer 4.1KHz 3V 75dB/10cm side sound port



Item	Unit	Specification
Oscillation Frequency	Hz	4100
Operating Voltage	Vo-p	1~25
Rated Voltage	Vo-p	5
Current Consumption	mA	MAX. 8
Sound Pressure Level	dB	MIN. 75
Capacitance	PF	16000±30%
Operating Temperature	°C	-40 ~ +120
Storage Temperature	°C	-40 ~ +120
Dimension	mm	13x13xH2.5
Weight (MAX)	gram	1.0

L-KLS3-SMT-11*1.7

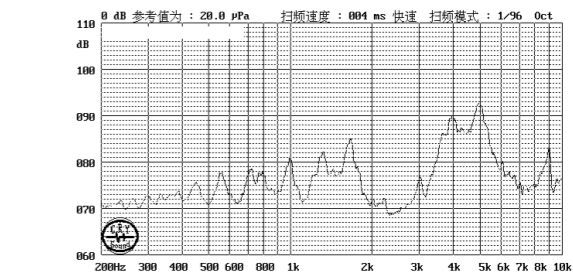
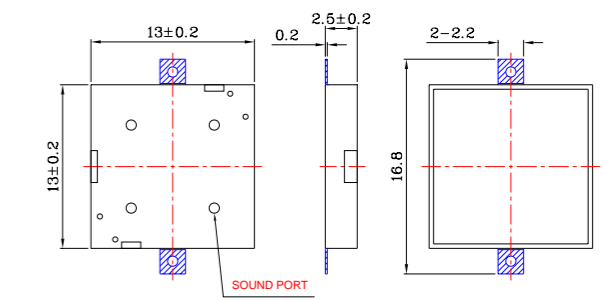
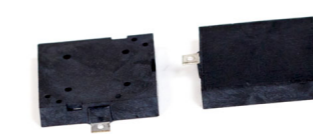
SMD Pizeo letric passive Buzzer 4.1KHz 3V 70dB/10cm top sound port



Item	Unit	Specification
Oscillation Frequency	Hz	4100
Operating Voltage	Vo-p	1~25
Rated Voltage	Vo-p	5
Current Consumption	mA	MAX. 3
Sound Pressure Level	dB	MIN. 70
Capacitance	PF	12000±30%
Operating Temperature	°C	-20 ~ +70
Storage Temperature	°C	-30 ~ +80
Dimension	mm	11.0x9.0xH1.7
Weight (MAX)	gram	0.3

L-KLS3-SMT-13*2.5

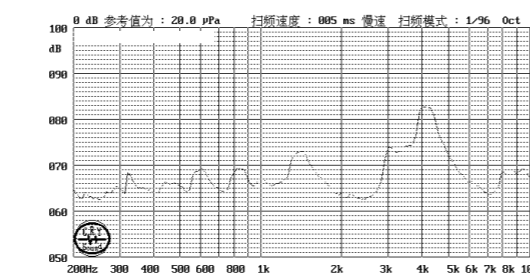
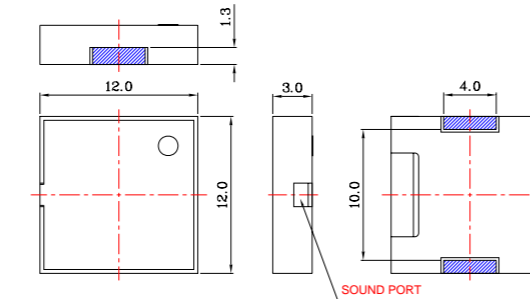
SMD Pizeo electric passive Buzzer 4KHz 3V 75dB/10cm top sound port



Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	Vo-p	1~25
Rated Voltage	Vo-p	5
Current Consumption	mA	MAX. 8
Sound Pressure Level	dB	MIN. 75
Capacitance	PF	16000±30%
Operating Temperature	°C	-40 ~ +120
Storage Temperature	°C	-40 ~ +120
Dimension	mm	13x13xH2.5
Weight (MAX)	gram	0.5

L-KLS3-SMT-12*03

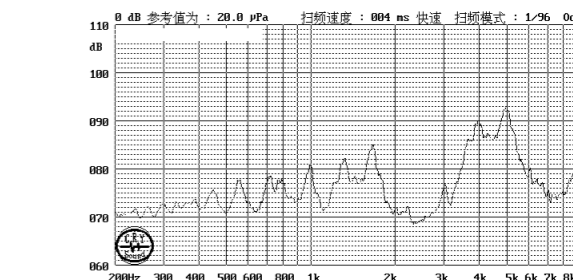
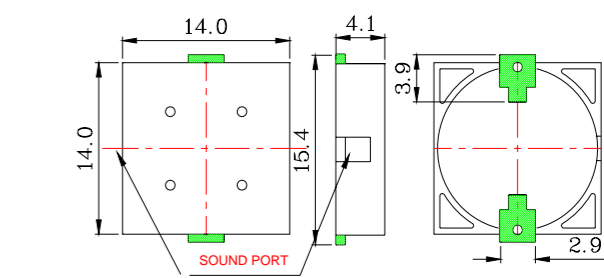
SMD Pizeo electric passive Buzzer 4KHz 3V 75dB/10cm side sound port



Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	Vo-p	1~25
Rated Voltage	Vo-p	3
Current Consumption	mA	MAX. 5
Sound Pressure Level	dB	MIN. 75
Capacitance	PF	16000±30%
Operating Temperature	°C	-20 ~ +70
Storage Temperature	°C	-30 ~ +80
Dimension	mm	12x12xH3
Weight (MAX)	gram	0.4

L-KLS3-SMT-14*04B

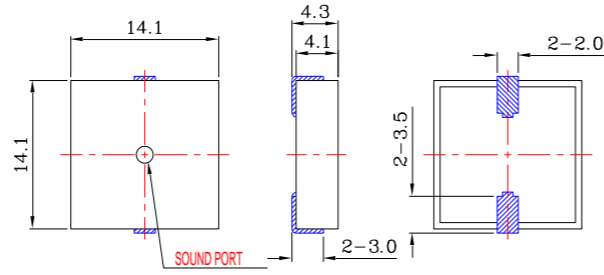
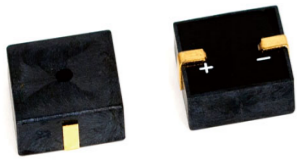
SMD Pizeo electric passive Buzzer 4KHz 3V 80dB/10cm side sound port



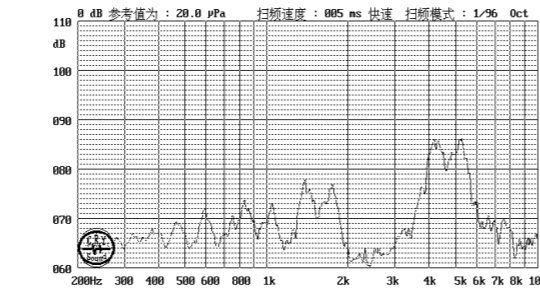
Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	Vo-p	1~25
Rated Voltage	Vo-p	5
Current Consumption	mA	MAX. 5
Sound Pressure Level	dB	MIN. 80
Capacitance	PF	15000±30%
Operating Temperature	°C	-30 ~ +85
Storage Temperature	°C	-40 ~ +85
Dimension	mm	14.1x14.1xH4.0
Weight (MAX)	gram	1.2

L-KLS3-SMT-14*04

SMD Pizeo Electric passive Buzzer 4KHz 5V 75dB/10cm Top sound port

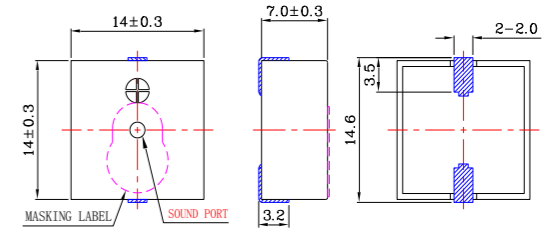
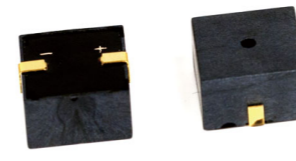


Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	Vo-p	1 ~ 25
Rated Voltage	Vo-p	5
Current Consumption	mA	MAX. 2
Sound Pressure Level	dB	MIN. 75
Capacitance(PF)	PF	12000 ±30%
Operating Temperature	°C	-30 ~ +70
Storage Temperature	°C	-40 ~ +80
Dimension	mm	14.1x14.1xH4.3
Weight (MAX)	gram	1.2

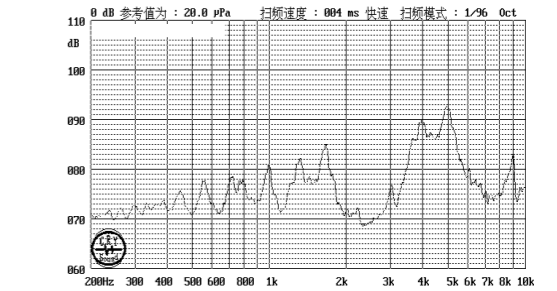


L-KLS3-SMT-14*07

SMD Pizeo Electric passive Buzzer 4KHz 5V 85dB/10cm Top sound port

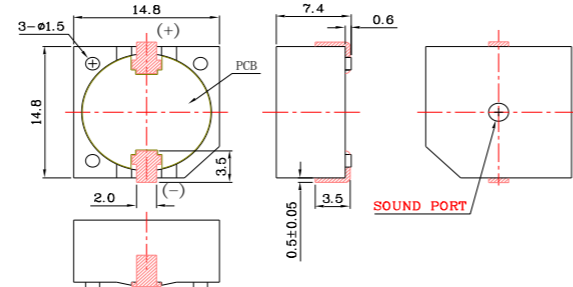
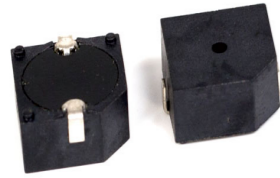


Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	Vo-p	1 ~ 30
Rated Voltage	Vo-p	5
Current Consumption	mA	MAX. 5
Sound Pressure Level	dB	MIN. 85
Capacitance(PF)	PF	16000±30%
Operating Temperature	°C	-30 ~ +70
Storage Temperature	°C	-40 ~ +80
Dimension	mm	14x14xH7
Weight (MAX)	gram	2.0

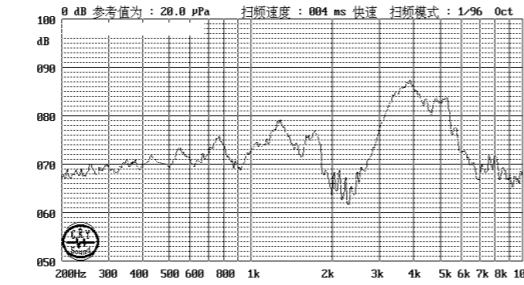


L-KLS3-SMT-15*7.5

SMD Pizeo Electric passive Buzzer 4KHz 5V 80dB/10cm Top sound port

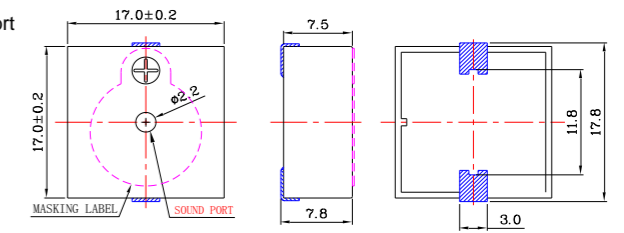
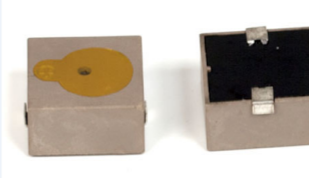


Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	Vo-p	3 ~ 20
Rated Voltage	Vo-p	5
Current Consumption	mA	MAX. 2
Sound Pressure Level	dB	MIN. 80
Capacitance(PF)	PF	15000 ±30%
Operating Temperature	°C	-25 ~ +85
Storage Temperature	°C	-45 ~ +85
Dimension	mm	14.8x14.8xH7.4
Weight (MAX)	gram	2.0

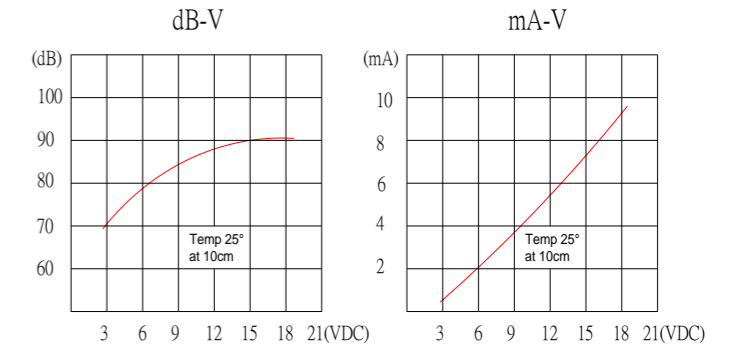


L-KLS3-SMT-17*7.5

SMD Pizeo Electric passive Buzzer 4.0±0.5KHz 12V 83dB/10cm Top sound port

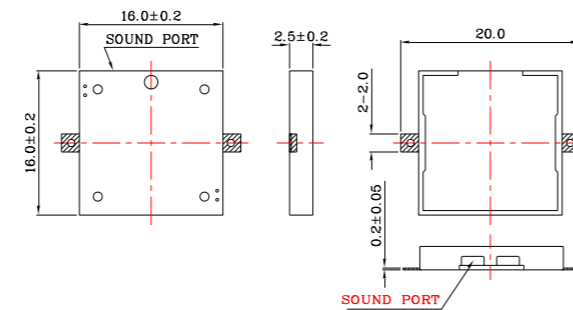
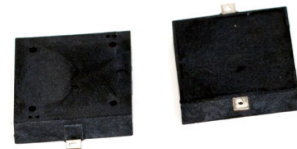


Item	Unit	Specification
Oscillation Frequency	Hz	4000±500
Operating Voltage	Vo-p	3~ 20
Rated Voltage	Vo-p	12
Current Consumption	mA	MAX. 8
Sound Pressure Level	dB	MIN. 83
Capacitance(PF)	PF	NONE
Operating Temperature	°C	-30 ~ +70
Storage Temperature	°C	-40 ~ +80
Dimension	mm	17x17xH7.5
Weight (MAX)	gram	2.6

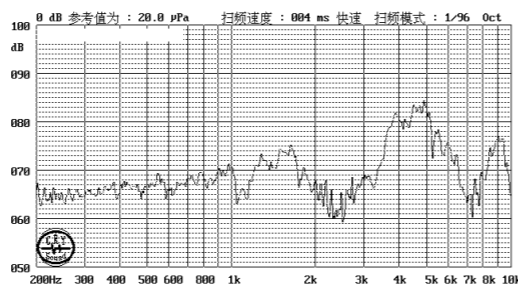


L-KLS3-SMT-16*2.5

SMD Pizeo Electric passive Buzzer 4KHz 3V 70dB/10cm Side sound port

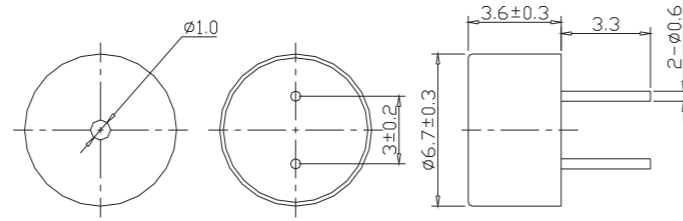


Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	Vo-p	1 ~ 25
Rated Voltage	Vo-p	3
Current Consumption	mA	MAX. 2
Sound Pressure Level	dB	MIN. 70
Capacitance(PF)	PF	16000 ±30%
Operating Temperature	°C	-30 ~ +70
Storage Temperature	°C	-40 ~ +85
Dimension	mm	16x16xH2.5
Weight (MAX)	gram	1.0

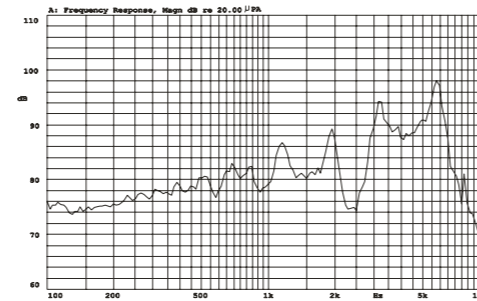


L-KLS3-MT-7*4

Electro-Magnetic passive Buzzer Pin Pitch 3.0mm

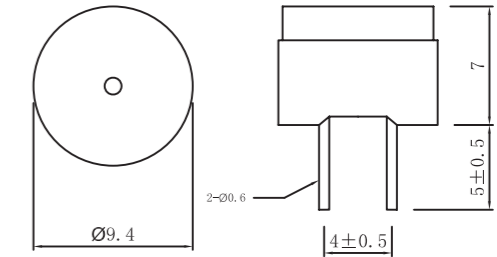


Item	Specification							
	L-KLS3-MT-7*4							
	A3	A1	A1E	B	B1	B2	B3	B4
Rated Voltage(Vo-P)	1	1.5	1.5	3	3	3	3	3.6
Operating Voltage (Vo-P)	1~3	1~3	1~3	2~4	2~4	2~4	2~4	2~5
Coil Resistance (ohm)	25±3	8±1	6±1	8±1	16±2	32±4	8±1	18±2
SPL(dB)MIN	63/10cm	70/10cm	70/10cm	70/10cm	70/10cm	75/10cm	70/10cm	72/10cm
Rated Frequency(Hz)	2730	2730	300	2730	2731	2731	3100	3200
Current Max(mA)	30	80	80	100	80	50	100	80
Operating Temperature(°C)	-20~+70	-20~+70	-20~+70	-20~+70	-20~+70	-20~+70	-20~+70	-20~+70
Storage temperature(°C)	-30~+80	-30~+80	-30~+80	-30~+80	-30~+80	-30~+80	-30~+80	-30~+80
Dimension(mm)	6.7*3.6	6.7*3.6	6.7*3.6	6.7*3.6	6.7*3.6	6.7*3.6	6.7*3.6	6.7*3.6
Weight (g)	1	1	1	1	1	1	1	1

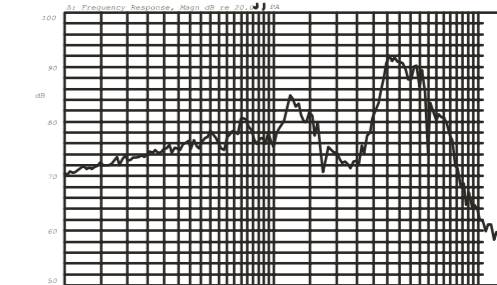


L-KLS3-MT-9.5*07

Electro-Magnetic passive Buzzer Pin Pitch 4.0/5.0mm

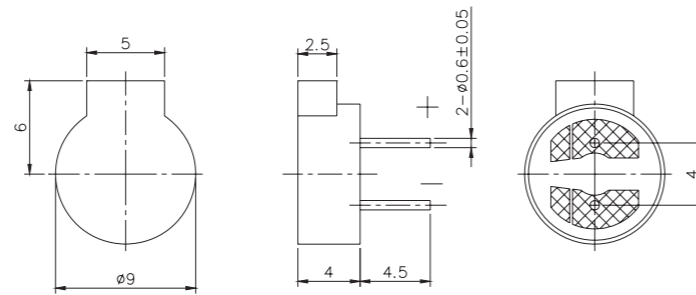


Item	Specification		
	L-KLS3-MT-9.5*07		
	A	B	C
Rated Voltage(Vo-P)	1.5	3	5
Operating Voltage (Vo-P)	1~3	2~4	3~8
Coil Resistance (ohm)	5.5Ω±1	25Ω±3	40Ω±4
SPL(dB)MIN	85/10cm	85/10cm	85/10cm
Rated Frequency(Hz)	3100	3100	3100
Current Max(mA)	80	60	60
Operating Temperature(°C)	-20~+70	-20~+70	-20~+70
Storage temperature(°C)	-30~+80	-30~+80	-30~+80
Dimension(mm)	9.5*07	9.5*07	9.5*07
Weight (g)	1	1	1

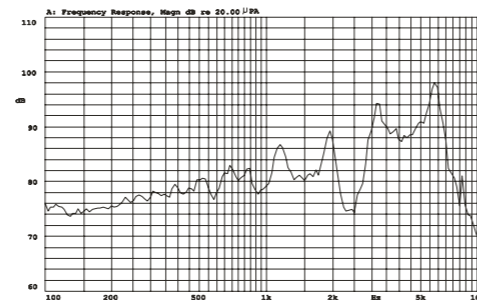


L-KLS3-MT-09*04

Electro-Magnetic passive Buzzer Pin Pitch 4.0mm

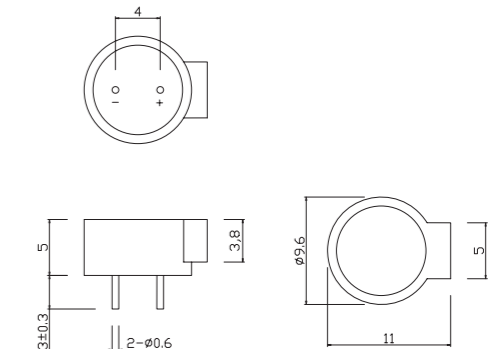


Item	Specification
	L-KLS3-MT-09*04
Rated Voltage(Vo-P)	1.5
Operating Voltage (Vo-P)	1~3
Coil Resistance (ohm)	5.5 ± 1
SPL(dB)MIN	85/10cm
Rated Frequency(Hz)	2730
Current Max(mA)	80
Operating Temperature(°C)	-20~+70
Storage temperature(°C)	-30~+80
Dimension(mm)	9*4
Weight (g)	0.7

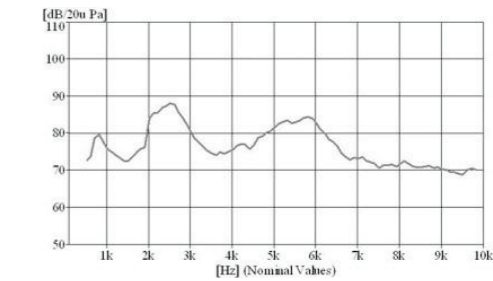


L-KLS3-MT-9.6*05

Electro-Magnetic passive Buzzer Pin Pitch 4.0/5.0mm

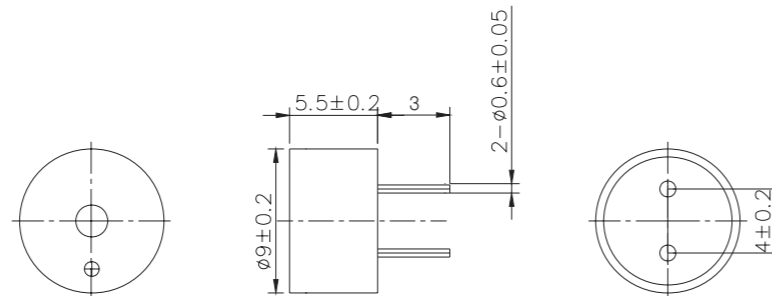
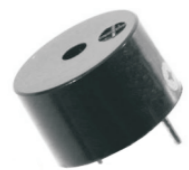


Item	Specification		
	L-KLS3-MT-9.6*5.0		
	A	A1	B
Rated Voltage(Vo-P)	1.5	3.5	5
Operating Voltage (Vo-P)	1~3	2~4	4~6
Coil Resistance (ohm)	5.5Ω±1	25Ω±1	40Ω±4
SPL(dB)MIN	85/10cm	85/10cm	85/10cm
Rated Frequency(Hz)	2731	2731	2731
Current Max(mA)	80	60	60
Operating Temperature(°C)	-20~+70	-20~+70	-20~+70
Storage temperature(°C)	-30~+80	-30~+80	-30~+80
Dimension(mm)	9.6*5.0	9.6*5.0	9.6*5.0
Weight (g)	1	1	1

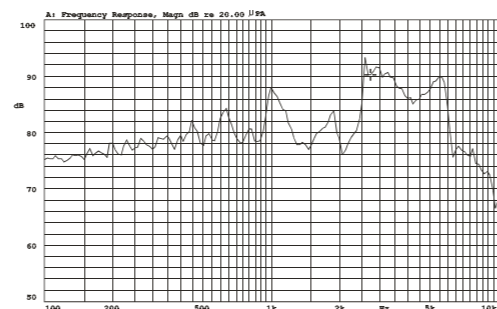


L-KLS3-MT-09*5.5

Electro-Magnetic passive Buzzer Pin Pitch 4.0mm

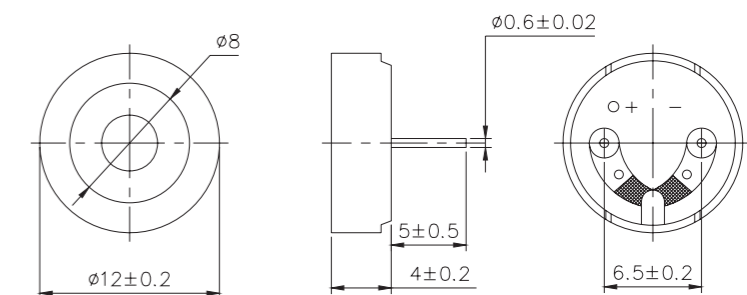
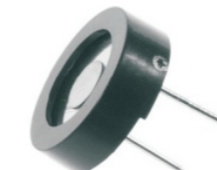


Item	Specification		
	L-KLS3-MT-09*5.5		
	A	B	C
Rated Voltage(Vo-P)	1.5	3	6
Operating Voltage (Vo-P)	1~3	2~4	4~6
Coil Resistance (ohm)	5.5±1	25±3	40±4
SPL(dB)MIN	80/10cm	85/10cm	85/10cm
Rated Frequency(Hz)	2731	2731	2731
Current Max(mA)	80	60	60
Operating Temperature(°C)	-20~+70	-20~+70	-20~+70
Storage temperature(°C)	-30~+8	-30~+8	-30~+8
Dimension(mm)	9*5.5	9*5.5	9*5.5
Weight (g)	1	1	1

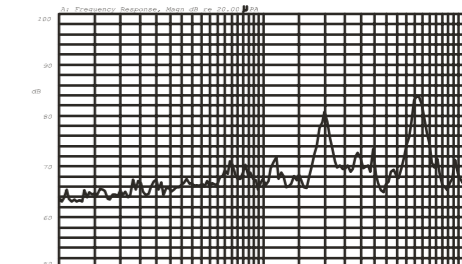


L-KLS3-MT-12*04

Electro-Magnetic passive Buzzer Pin Pitch 6.5mm

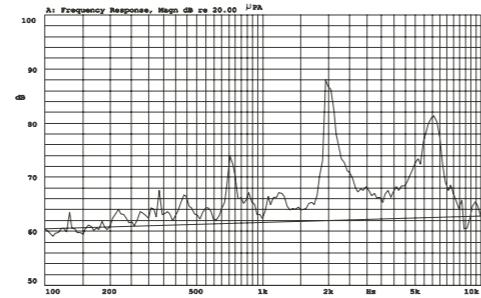
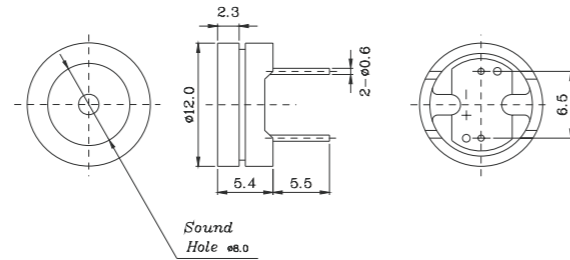


Item	Specification	
	L-KLS3-MT-12*04	
	A	B
Rated Voltage(Vo-P)	1.5	1.5
Operating Voltage (Vo-P)	1~3	1~3
Coil Resistance (ohm)	16Ω±4	16Ω±4
SPL(dB)MIN	75/10cm	75/10cm
Rated Frequency(Hz)	2048	2400
Current Max(mA)	30	30
Operating Temperature(°C)	-20~+70	-20~+70
Storage temperature(°C)	-30~+80	-30~+80
Dimension(mm)	12*04	12*04
Weight (g)	2	2



L-KLS3-MT-12*5.5

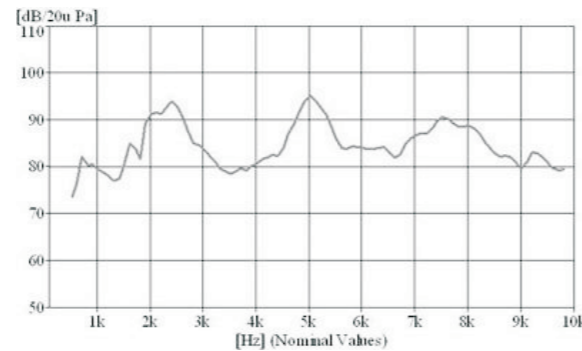
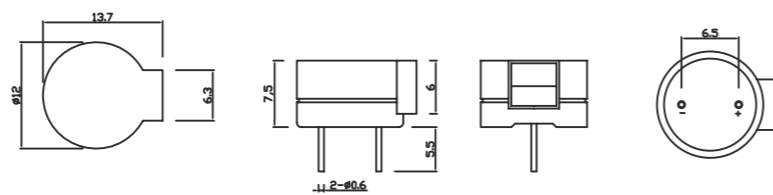
Magnetic Buzzer External DriveType Pin Pitch 6.5mm



Item	Specification		
	L-KLS3-MT-12*5.5		
	A	A1	A2
Rated Voltage(Vo-P)	1.5	1.5	1.5
Operating Voltage (Vo-P)	1~3	1~3	1~3
Coil Resistance (ohm)	16±4Ω	42±6Ω	50±75Ω
SPL(dB)MIN	75/10cm	70/10cm	70/10cm
Rated Frequency (Hz)	2048	2048	2048
Current Max (mA)	30	15	10
Operating Temperature(°C)	-20~+70	-20~+70	-20~+70
Storage temperature(°C)	-30~+80	-30~+80	-30~+80
Dimension(mm)	12*5.5	12*5.5	12*5.5
Weight (g)	2	2	2

L-KLS3-MT-12*7.5

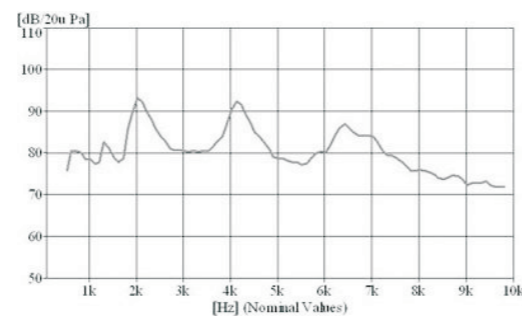
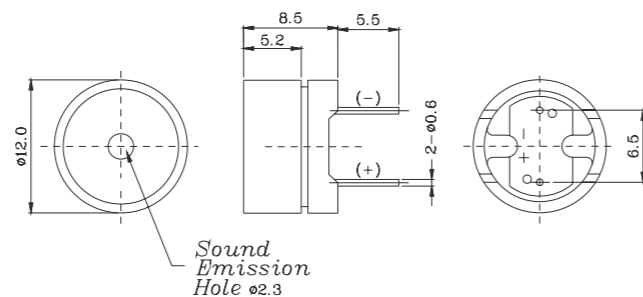
Magnetic Buzzer External DriveType Pin Pitch 6.5mm



Item	Specification		
	L-KLS3-MT-12*7.5		
	A	A1	A2
Rated Voltage(Vo-P)	1.5	1.5	1.5
Operating Voltage (Vo-P)	1~3	1~3	1~3
Coil Resistance (ohm)	6.5±1Ω	6.5±1Ω	16±4Ω
SPL(dB)MIN	80/10cm	88/10cm	80/10cm
Rated Frequency (Hz)	2048	2731	2048
Current Max(mA)	70	70	30
Operating Temperature(°C)	-20~+70	-20~+70	-20~+70
Storage temperature(°C)	-30~+80	-30~+80	-30~+80
Dimension(mm)	12*7.5	12*7.5	12*7.5
Weight(g)	2	2	2

L-KLS3-MT-12*8.5

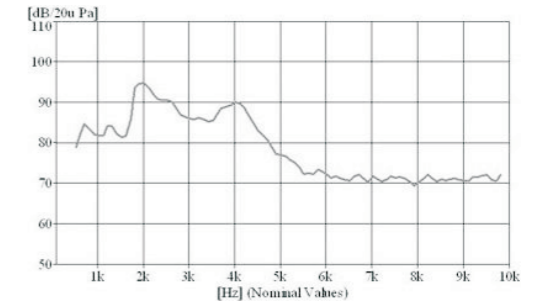
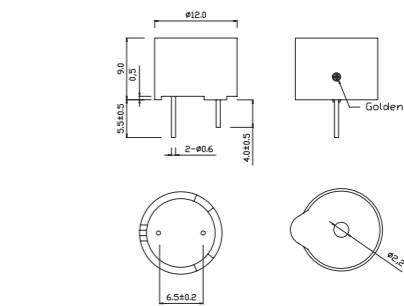
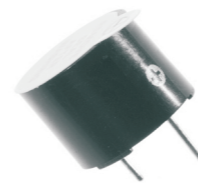
Magnetic Buzzer External DriveType Pin Pitch 6.5mm



Item	Specification		
	L-KLS3-MT-12*8.5		
	A	B	C
Rated Voltage(Vo-P)	1.5	1.5	5
Operating Voltage (Vo-P)	1~2	1~2	4~6
Coil Resistance (ohm)	16±4Ω	42±6Ω	42±6Ω
SPL(dB)MIN	85/10cm	80/10cm	80/10cm
Rated Frequency (Hz)	2048	2048	2400
Current Max(mA)	30	10	40
Operating Temperature(°C)	-20~+70	-20~+70	-20~+70
Storage temperature(°C)	-30~+80	-30~+80	-30~+80
Dimension(mm)	12*8.5	12*8.5	12*8.5
Weight (g)	2	2	2

L-KLS3-MT-12*09

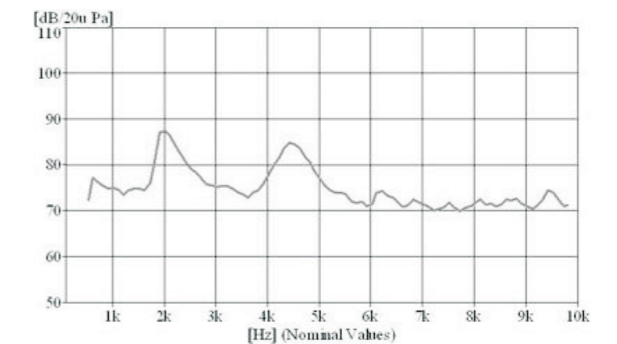
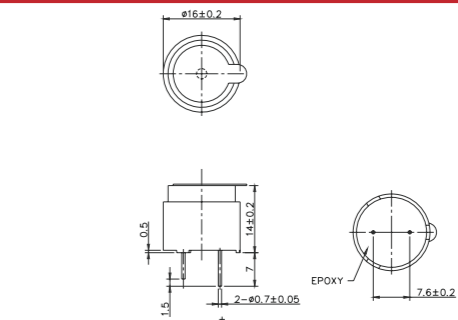
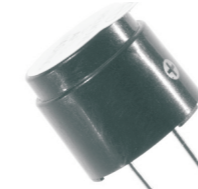
Magnetic Buzzer External DriveType Pin Pitch 6.5mm



Item	Specification		
	L-KLS3-MT-12*09		
	A3	B	C
Rated Voltage(Vo-P)	1.5	5	12
Operating Voltage (Vo-P)	1~2	3~8	6~15
Coil Resistance (ohm)	16±4Ω	47±5Ω	140±14Ω
SPL(dB)MIN	80/10cm	85/10cm	85/10cm
Rated Frequency (Hz)	2400	2400	2400
Current Max (mA)	30	40	40
Operating Temperature(°C)	-20~+70	-20~+70	-20~+70
Storage temperature(°C)	-30~+80	-30~+80	-30~+80
Dimension(mm)	12*9	12*9	12*9
Weight (g)	2	2	2

L-KLS3-MT-16*14

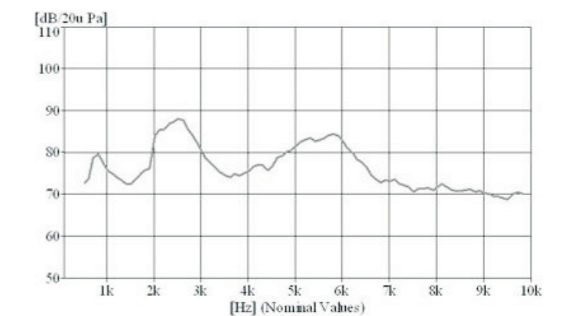
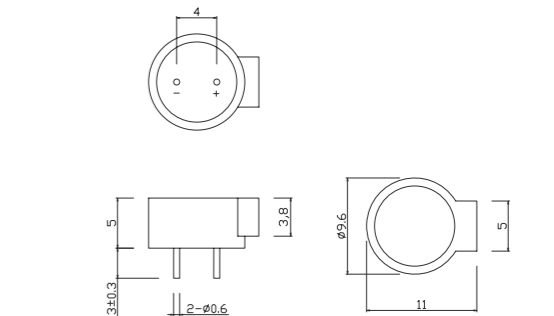
Magnetic Buzzer External DriveType Pin Pitch 7.6mm



Item	Specification		
	L-KLS3-MT-16*14		
	B	C	S
Rated Voltage(Vo-P)	6	12	5
Operating Voltage (Vo-P)	4~8	9~15	4~8
Coil Resistance (ohm)	50±5Ω	115±12Ω	50±5Ω
SPL(dB)MIN	85/10cm	85/10cm	85/10cm
Rated Frequency (Hz)	2048	2048	2048
Current Max(mA)	40	40	40
Operating Temperature(°C)	-20~+70	-20~+70	-20~+70
Storage temperature(°C)	-30~+80	-30~+80	-30~+80
Dimension(mm)	16*14	16*14	16*14
Weight (g)	2	2	7

L-KLS3-MT-9.6*05

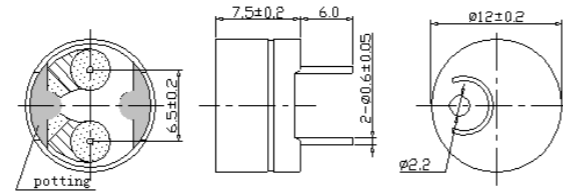
Magnetic Buzzer External DriveType Pin Pitch 4.0(5.0)mm



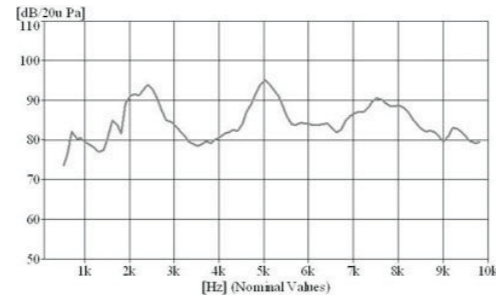
Item	Specification		
	L-KLS3-MT-9.6*05		
	A	A1	B
Rated Voltage(Vo-P)	1.5	3.5	5
Operating Voltage (Vo-P)	1~3	2~4	4~6
Coil Resistance (ohm)	5.5±1Ω	25±1Ω	40±4Ω
SPL(dB)MIN	85/10cm	85/10cm	85/10cm
Rated Frequency (Hz)	2731	2731	2731
Current Max (mA)	80	60	60
Operating Temperature(°C)	-20~+70	-20~+70	-20~+70
Storage temperature(°C)	-30~+80	-30~+80	-30~+80
Dimension(mm)	9.6*5	9.6*5	9.6*5
Weight (g)	1	1	1

L-KLS3-MT-12*7.5S

Electro-Magnetic passive Buzzer Pin Pitch 6.5mm

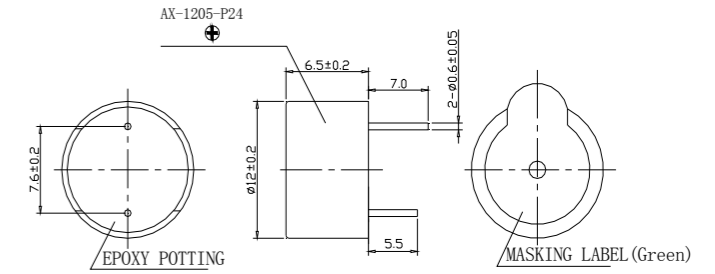


Item	Specification		
	L-KLS3-MT-12*7.5S		
	A	A1	B
Rated Voltage(Vo-P)	1.5	1.5	1.5
Operating Voltage (Vo-P)	1~3	1~3	1~3
Coil Resistance (ohm)	6.5±1Ω	6.5±1Ω	16±4Ω
SPL(dB)MIN	80/10cm	85/10cm	80/10cm
Rated Frequency(Hz)	2048	2731	2048
Current Max(mA)	70	70	30
Operating Temperature(°C)	-20~+70	-20~+70	-20~+70
Storage temperature(°C)	-30~+85	-30~+85	-30~+85
Dimension(mm)	12*7.5	12*7.5	12*7.5
Weight (g)	2	2	2

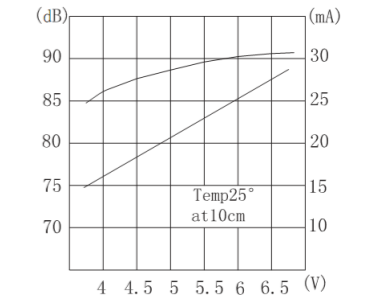


L-KLS3-MWC-12*6.5

Electro-Magnetic passive Buzzer Pin Pitch 7.6mm

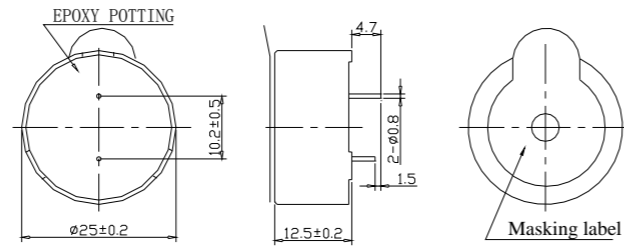


Item	Specification	
	L-KLS3-MWC-12*6.5	
	B	C
Rated Voltage(Vo-P)	3	5
Operating Voltage (Vo-P)	2~4	4~7
Tone Nature	Continuous	Continuous
SPL(dB)MIN	83/10cm	83/10cm
Rated Frequency(Hz)	2300±300	2300±300
Current Max(mA)	20	30
Operating Temperature(°C)	-20~+70	-20~+70
Storage temperature(°C)	-30~+85	-40~+85
Dimension(mm)	13*6.5	12*6.5
Weight (g)	2	2

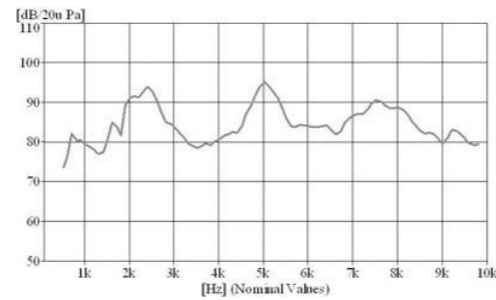


L-KLS3-MT-25*13

Electro-Magnetic passive Buzzer Pin Pitch 10.2mm

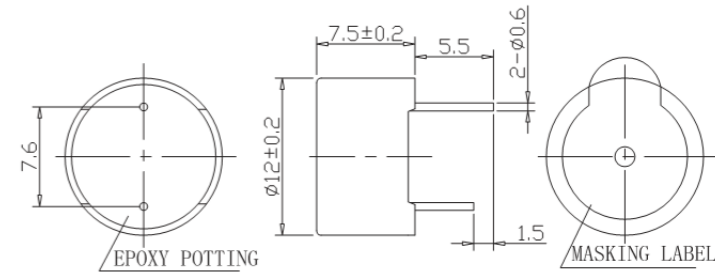


Item	Specification		
	L-KLS3-MT-25*13		
	B	B1	C
Rated Voltage(Vo-P)	5	6	12
Operating Voltage (Vo-P)	3~7	3~8	8~14
Coil Resistance (ohm)	27±4Ω	36±5Ω	120±15Ω
SPL(dB)MIN	85/10cm	85/10cm	85/10cm
Rated Frequency(Hz)	1000~1500	1000~1500	1000~1500
Current Max(mA)	80	70	55
Operating Temperature(°C)	-20~+70	-20~+70	-20~+70
Storage temperature(°C)	-30~+85	-30~+85	-30~+85
Dimension(mm)	25*12.5	25*12.5	25*12.5
Weight (g)	10	10	10

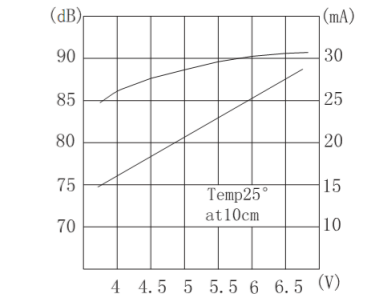


L-KLS3-MWC-12*7.5

Electro-Magnetic passive Buzzer Pin Pitch 7.6mm

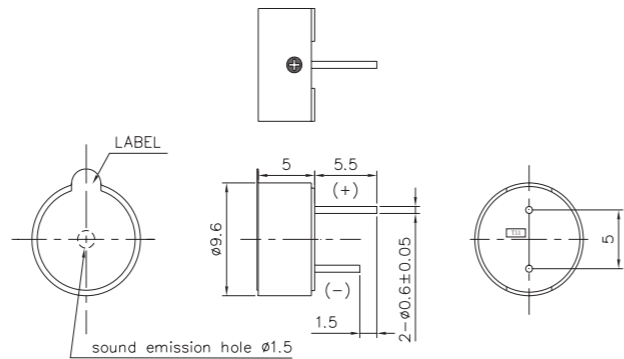
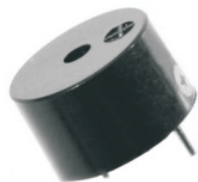


Item	Specification						
	L-KLS3-MWC-12*7.5						
	12*7.5	A1	A2	B1	B2	C1	C2
Rated Voltage(Vo-P)	1.5	3	3	5	5	12	12
Operating Voltage (Vo-P)	1~3	2~4	2~4	3~7	3~7	8~14	8~14
Tone Nature	Single	Single	Single	Single	Single	Single	Single
SPL(dB)MIN	80/10cm	83/10cm	83/10cm	85/10cm	85/10cm	85/10cm	85/10cm
Rated Frequency(Hz)	3100±500	3100±500	2300±500	3100±500	2300±500	3100±500	2300±500
Current Max A (mA)	25	30	30	30	30	30	30
Operating Temperature(°C)	-20~+70	-20~+70	-20~+70	-20~+70	-20~+70	-20~+70	-20~+70
Storage temperature(°C)	-30~+85	-30~+85	-30~+85	-30~+85	-30~+85	-30~+85	-30~+85
Dimension(mm)	12*7.5	12*7.5	12*7.5	12*7.5	12*7.5	12*7.5	12*7.5
Weight (g)	2	2	2	2	2	2	2

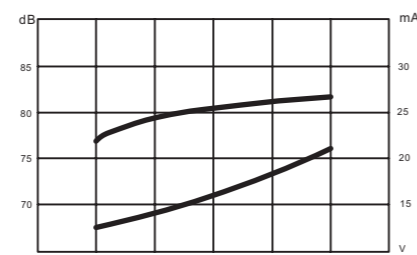


L-KLS3-MWC-9.6*05

Electro-Magnetic passive Buzzer Pin Pitch 7.6mm

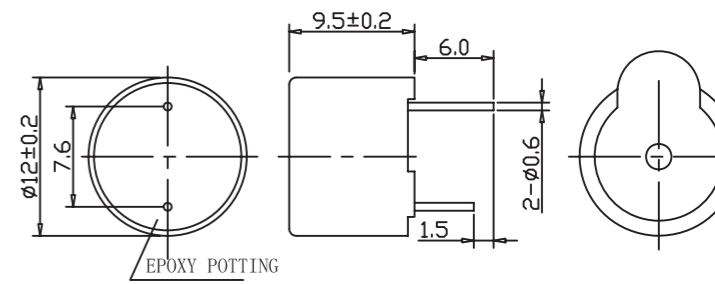


Item	Specification		
	L-KLS3-MWC-9.6*05		
	A	B	C
Rated Voltage(Vo-P)	3	5	12
Operating Voltage (Vo-P)	2~4	3~7	8~14
Tone Nature	Continuous	Continuous	Continuous
SPL(dB)MIN	83/10cm	83/10cm	83/10cm
Rated Frequency(Hz)	2700±200	2700±200	2700±200
Current Max(mA)	30	30	30
Operating Temperature(°C)	-20~+70	-20~+70	-20~+70
Storage temperature(°C)	-30~+85	-30~+85	-30~+85
Dimension(mm)	9.6*5	9.6*5	9.6*5
Weight (g)	1	1	1

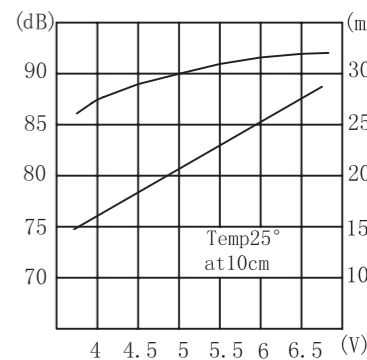


L-KLS3-MWC-12*9.5

Electro-Magnetic passive Buzzer Pin Pitch 7.6mm

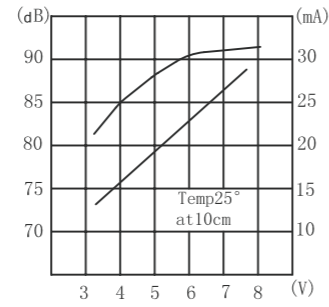
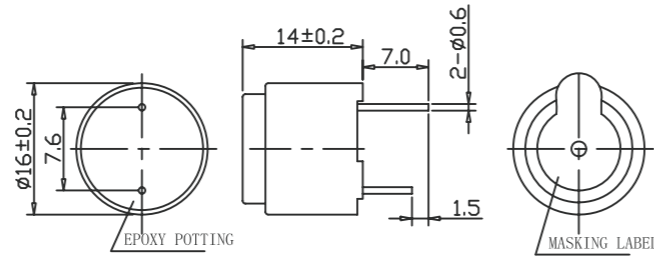


Item	Specification				
	L-KLS3-MWC-12*9.5				
	A	B	C	D	E
Rated Voltage(Vo-P)	1.5	3	5	9	12
Operating Voltage (Vo-P)	1~3	2~4	3~7	7~11	8~16
Tone Nature	Continuous	Continuous	Continuous	Continuous	Continuous
SPL(dB)MIN	80/10cm	85/10cm	85/10cm	85/10cm	85/10cm
Rated Frequency(Hz)	2300±400	2300±300	2300±300	2300±300	2300±300
Current Max A (mA)	30	30	30	30	30
Operating Temperature(°C)	-20~+70	-20~+70	-20~+70	-20~+70	-20~+70
Storage temperature(°C)	-30~+85	-30~+85	-30~+85	-30~+85	-30~+85
Dimension(mm)	12*9.5	12*9.5	12*9.5	12*9.5	12*9.5
Weight (g)	2	2	2	2	2



L-KLS3-MWC-16*14

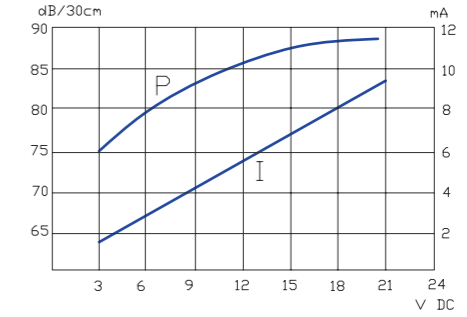
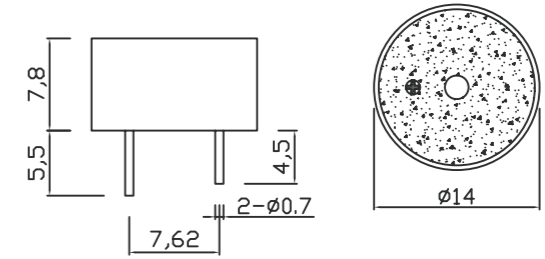
Magnetic Buzzer Drive Circuit Built-in Pin Pitch 7.6mm



Item	Specification	
	L-KLS3-MWC-16*14	
	A	B
Rated Voltage(VDC)	5	12
Operating Voltage (Vo-P)	3~7	8~14
Tone Nature	Single	Single
SPL(dB)MIN	85/10cm	85/10cm
Rated Frequency (Hz)	2300±300	2300±300
Current Max (mA)	30	30
Operating Temperature(°C)	-20~+70	-20~+70
Storage temperature(°C)	-30~+85	-30~+85
Dimension(mm)	16*14	16*14
Weight (g)	7	7

L-KLS3-PB-14*08

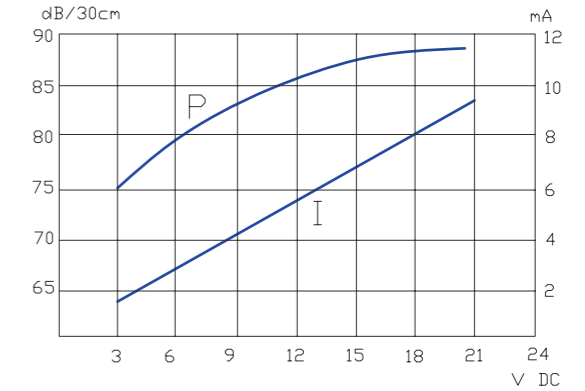
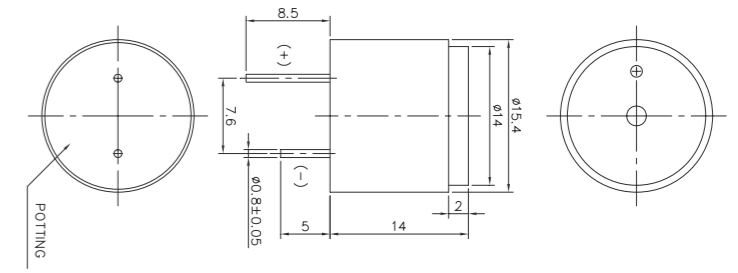
Piezoelectric Active Buzzer Pin Pitch 7.6mm



Item	Specification	
	L-KLS3-PB-14*08	
	A	B
Rated Voltage(VDC)	5	12
Operating Voltage (Vo-P)	3~9	1.5~16
Tone Nature	Continuous	Continuous
SPL(dB)MIN	80/10cm	85/10cm
Rated Frequency(Hz)	4000±500	4000±500
Current Max(mA)	8	8
Operating Temperature(°C)	-20~+80	-20~+80
Storage temperature(°C)	-40~+90	-40~+90
Dimension(mm)	14*8	14*8
Weight (g)	1	1

L-KLS3-PB-16*14

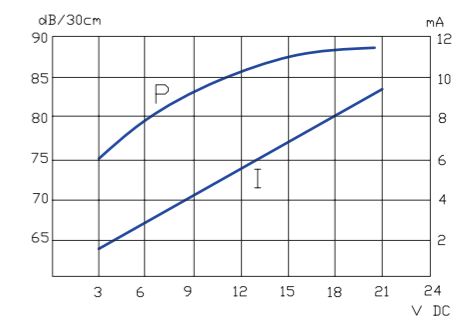
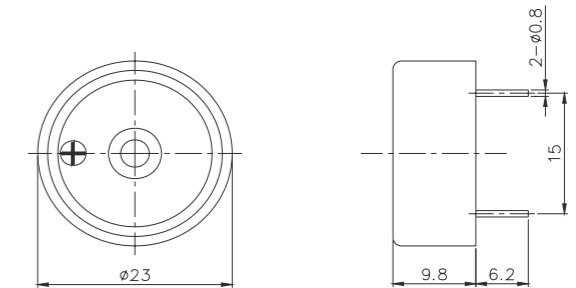
Piezoelectric Active Buzzer Pin Pitch 7.6mm



Item	Specification	
	L-KLS3-PB-16*14	
	A	B
Rated Voltage(VDC)	5	12
Operating Voltage (Vo-P)	1~18	6~18
Tone Nature	Continuous	Continuous
SPL(dB)MIN	80/10cm	85/10cm
Rated Frequency(Hz)	4000±500	4000±500
Current Max (mA)	15	20
Operating Temperature(°C)	-20~+80	-20~+80
Storage temperature(°C)	-40~+90	-40~+90
Dimension(mm)	15.4*14	15.4*14
Weight (g)	2	2

L-KLS3-PB-23*10

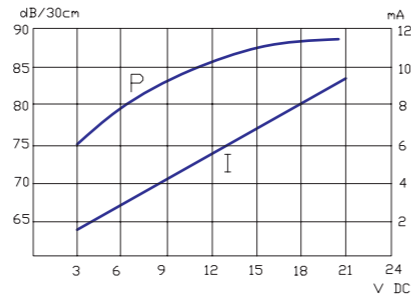
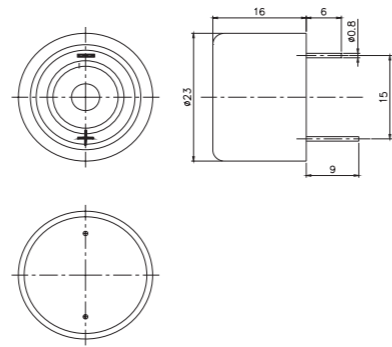
Piezoelectric Active Buzzer Pin Pitch 15mm



Item	Specification	
	L-KLS3-PB-23*10	
	A	B
Rated Voltage(VDC)	12	24
Operating Voltage (Vo-P)	3~24	12~36
Tone Nature	Continuous	Continuous
SPL(dB)MIN	85/10cm	85/10cm
Rated Frequency(Hz)	3500±500	3500±500
Current Max(mA)	12	12
Operating Temperature(°C)	-20~+80	-20~+80
Storage temperature(°C)	-40~+90	-40~+90
Dimension(mm)	23*9.8	23*9.8
Weight (g)	4	4

L-KLS3-PB-23*16

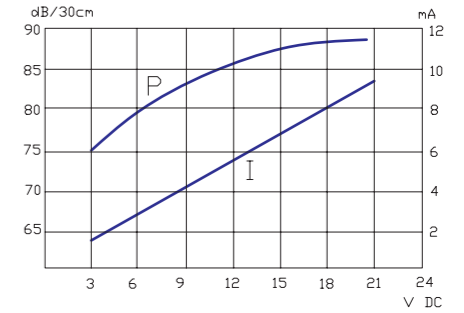
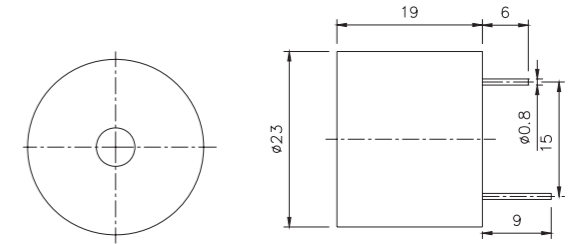
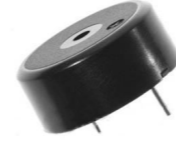
Piezoelectric Active Buzzer Pin Pitch 15mm



Item	Specification				
	L-KLS3-PB-23*16				
	A	B	C	D	E
Rated Voltage(VDC)	3	6	9	12	24
Operating Voltage(VDC)	8 ~ 24	8 ~ 24	8 ~ 24	8 ~ 24	8 ~ 24
Tone Nature	Continuous	Continuous	Continuous	Continuous	Continuous
SPL(dB)MIN	80/10cm	82/10cm	88/10cm	88/10cm	88/10cm
Rated Frequency(Hz)	3400±500	3300±500	3300±500	3300±500	3100±500
Current Max(mA)	25	20	15	15	20
Operating Temperature(°C)	-20~+80	-20~+80	-20~+80	-20~+80	-20~+80
Storage temperature(°C)	-40~+90	-40~+90	-40~+90	-40~+90	-40~+90
Dimension(mm)	23*16	23*16	23*16	23*16	23*16
Weight (g)	5	5	5	5	5

L-KLS3-PB-23*19

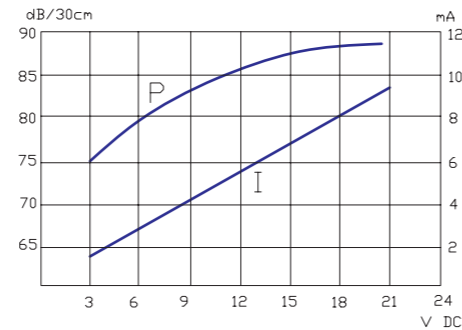
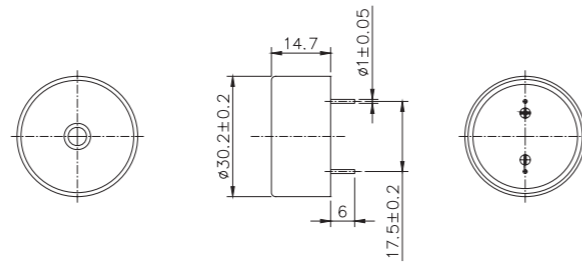
Piezoelectric Active Buzzer Pin Pitch 15mm



Item	Specification				
	L-KLS3-PB-23*19				
	A	B	C	D	E
Rated Voltage(VDC)	3	6	9	12	24
Operating Voltage(VDC)	8 ~ 24	8 ~ 24	8 ~ 24	8 ~ 24	8 ~ 24
Tone Nature	Continuous	Continuous	Continuous	Continuous	Continuous
SPL(dB)MIN	80/10cm	82/10cm	88/10cm	88/10cm	88/10cm
Rated Frequency(Hz)	3400±500	3400±500	3300±500	3300±500	3100±500
Current Max(mA)	25	20	15	15	20
Operating Temperature(°C)	-20~+80	-20~+80	-20~+80	-20~+80	-20~+80
Storage temperature(°C)	-40~+90	-40~+90	-40~+90	-40~+90	-40~+90
Dimension(mm)	23*19	23*19	23*19	23*19	23*19
Weight (g)	5	5	5	5	5

L-KLS3-PB-30*15

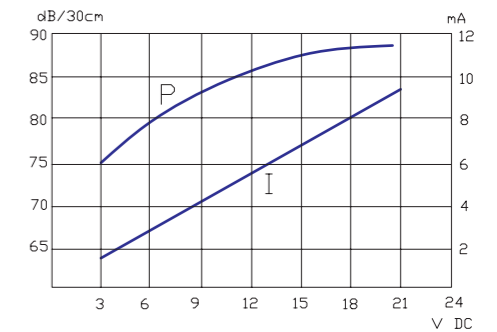
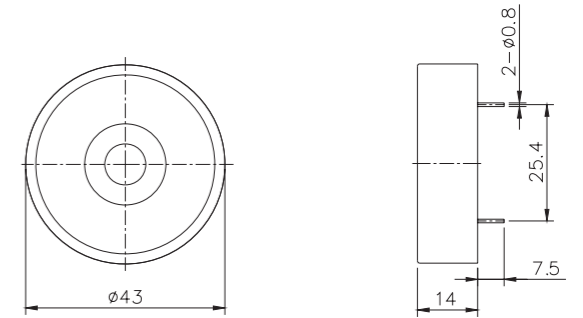
Piezoelectric Active Buzzer Pin Pitch 17.5mm



Item	Specification				
	L-KLS3-PB-30*15				
	D	D1	D2	B	D3
Rated Voltage(VDC)	12	12	12	5	12
Operating Voltage(VDC)	8 ~ 24	8 ~ 24	8 ~ 24	8 ~ 24	8 ~ 24
Tone Nature	Continuous	Continuous	Continuous	Continuous	Continuous
SPL(dB)MIN	85/30cm	90/30cm	90/30cm	80/30cm	90/30cm
Rated Frequency(Hz)	3500±500	2700±500	2500±500	3200±500	3200±500
Current Max(mA)	10	15	12	6	10
Operating Temperature(°C)	-20~+80	-20~+80	-20~+80	-20~+80	-20~+80
Storage temperature(°C)	-40~+90	-40~+90	-40~+90	-40~+90	-40~+90
Dimension(mm)	30*14.7	30*14.7	30*14.7	30*14.7	30*14.7
Weight (g)	7	7	7	7	7

L-KLS3-PB-43*14

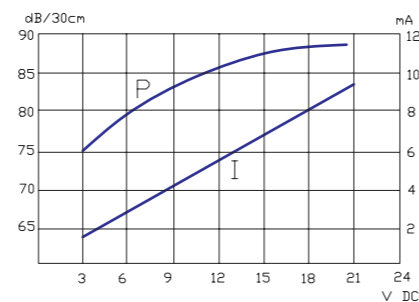
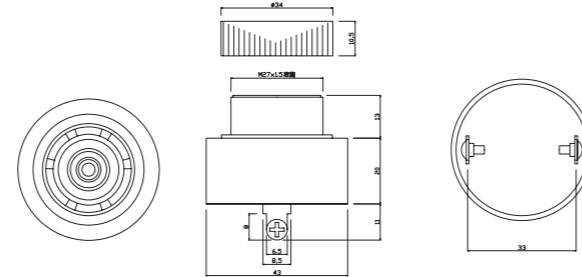
Piezoelectric Active Buzzer Pin Pitch 25.4mm



Item	Specification	
	L-KLS3-PB-43*14	
	C	D
Rated Voltage(VDC)	9	12
Operating Voltage(VDC)	3 ~ 20	3 ~ 20
Tone Nature	Continuous	Continuous
SPL(dB)MIN	95/30cm	100/30cm
Rated Frequency(Hz)	2800±500	2800±500
Current Max(mA)	12	12
Operating Temperature(°C)	-20~+80	-20~+80
Storage temperature(°C)	-40~+90	-40~+90
Dimension(mm)	43*14	43*14
Weight (g)	11	11

L-KLS3-PB-43*33A

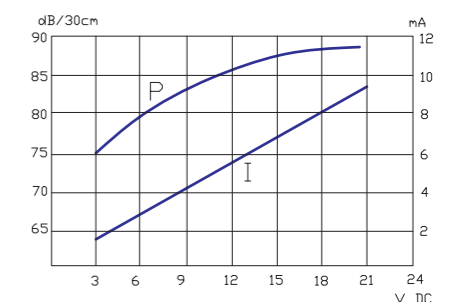
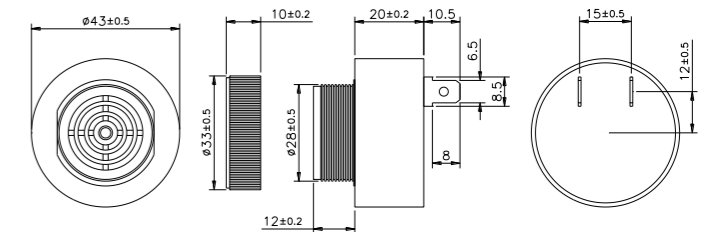
Piezoelectric Active Buzzer Pin Pitch 33mm



Item	Specification					
	L-KLS3-PB-43*33A					
	DE	EE	DF	FF	DS	GE
Rated Voltage(VDC)	12	24	12	48	12	110
Operating Voltage(VDC)	4 ~ 28	4 ~ 28	6 ~ 28	6 ~ 28	6 ~ 28	30 ~ 120
Tone Nature	Continuous	Continuous	Fast Pulse	Fast Pulse	Slow Pulse	Continuous
SPL(dB)MIN	97/10cm	90/30cm	88/10cm	90/30cm	88/10cm	98/10cm
Rated Frequency(Hz)	2800±500	2800±500	2900±500	2900±500	2900±500	2800±500
Current Max(mA)	8	30	6	18	6	17
Operating Temperature(°C)	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60
Storage temperature(°C)	-30~+70	-30~+70	-30~+70	-30~+70	-30~+70	-30~+70
Dimension(mm)	43*33	43*33	43*33	43*33	43*33	43*33
Weight (g)	43	43	43	43	43	43

L-KLS3-PB-43*28C

Piezoelectric Active Buzzer Pin Pitch 15mm



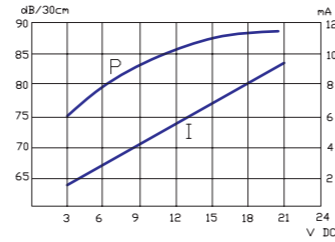
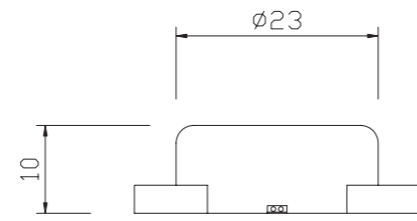
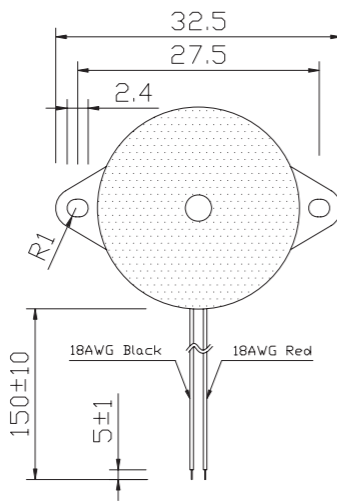
Item	Specification	
	L-KLS3-PB-43*28	
	C	H
Rated Voltage(VDC)	12	220
Operating Voltage(VDC)	6 ~ 28	60 ~ 250
Tone Nature	Continuous	Continuous
SPL(dB)MIN	88/10cm	90/30cm
Rated Frequency(Hz)	2900±500	2900±500
Current Max(mA)	6	18
Operating Temperature(°C)	-20~+60	-20~+60
Storage temperature(°C)	-30~+70	-30~+70
Dimension(mm)	43*33	43*33
Weight (g)	366	366

L-KLS3-LPB-23*10

Piezoelectric Active Buzzer



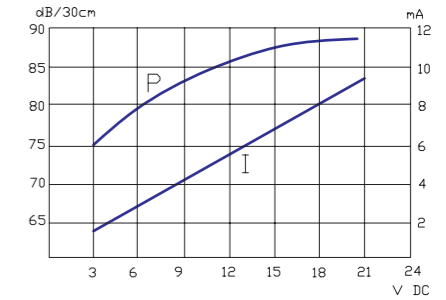
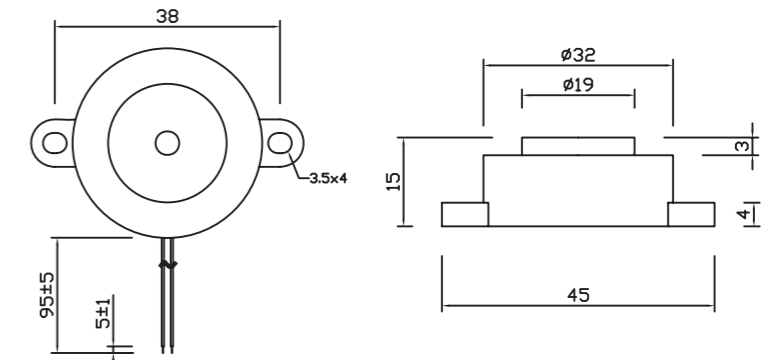
Item	Specification	
	L-KLS3-LPB-23*10	C
Rated Voltage(VDC)	12	9
Operating Voltage(VDC)	3~24	3~20
Tone Nature	Continuous	Continuous
SPL(dB)MIN	85/30cm	85/10cm
Rated Frequency(Hz)	3500±500	3500±500
Current Max(mA)	10	9
Operating Temperature(°C)	-20~+60	-20~+60
Storage temperature(°C)	-30~+70	-30~+70
Dimension(mm)	23*10	23*10
Weight (g)	3.5	3.5

**L-KLS3-LPB-32*15**

Piezoelectric Active Buzzer



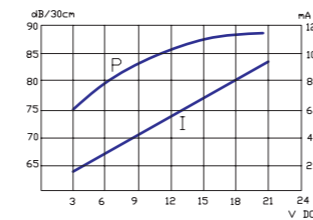
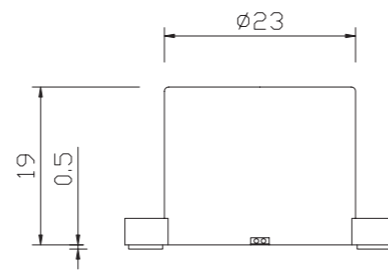
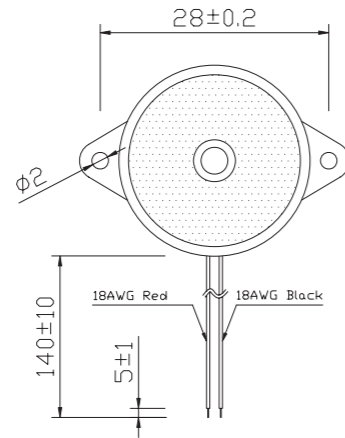
Item	Specification			
	L-KLS3-LPB-32*15			
	D	D1	DF	E
Rated Voltage(VDC)	12	12	12	24
Operating Voltage(VDC)	3~24	3~24	3~24	3~24
Tone Nature	Continuous	Continuous	Fast Pulse	Continuous
SPL(dB)MIN	87/30cm	90/30cm	87/30cm	90/30cm
Rated Frequency(Hz)	3500±500	3700±500	3900±500	3700±500
Current Max(mA)	15	15	15	20
Operating Temperature(°C)	-20~+60	-20~+60	-20~+60	-20~+60
Storage temperature(°C)	-30~+70	-30~+70	-30~+70	-30~+70
Dimension(mm)	32*14.3	32*14.3	32*14.3	32*14.3
Weight (g)	8	8	8	8

**L-KLS3-LPB-23*19**

Piezoelectric Active Buzzer



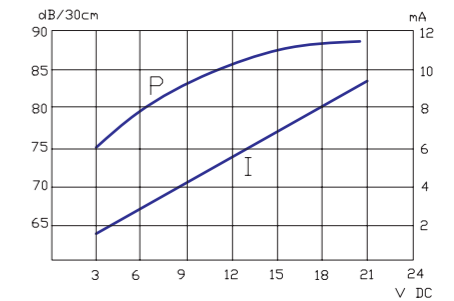
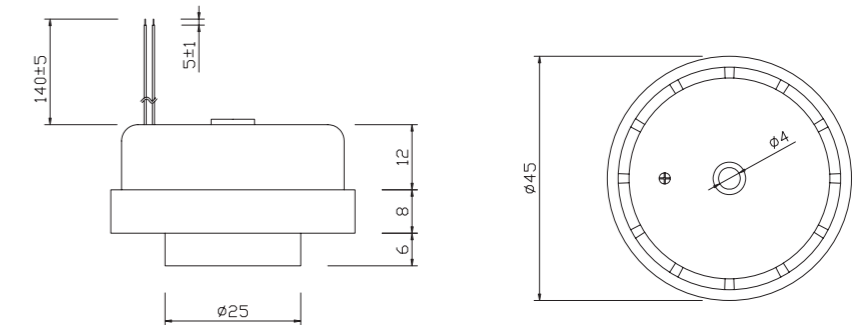
Item	Specification	
	L-KLS3-LPB-23*19	
	D	E
Rated Voltage(VDC)	12	24
Operating Voltage(VDC)	8~15	12~36
Tone Nature	Continuous	Continuous
SPL(dB)MIN	88/30cm	90/30cm
Rated Frequency(Hz)	3500±500	3500±500
Current Max(mA)	15	20
Operating Temperature(°C)	-20~+80	-20~+80
Storage temperature(°C)	-40~+90	-40~+90
Dimension(mm)	23*19	23*19
Weight (g)	8	8

**L-KLS3-LPB-45*26**

Piezoelectric Active Buzzer



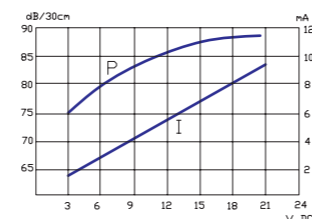
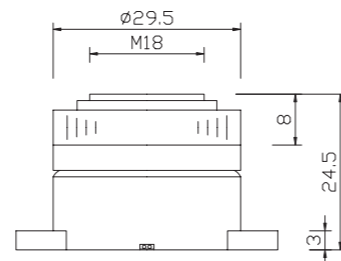
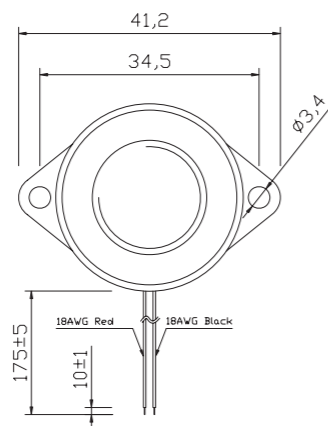
Item	Specification
	L-KLS3-LPB-45*26
	A1
Rated Voltage(VDC)	12
Operating Voltage(VDC)	3~20
Tone Nature	Continuous
SPL(dB)MIN	100/30cm
Rated Frequency(Hz)	2900±500
Current Max(mA)	35
Operating Temperature(°C)	-20~+60
Storage temperature(°C)	-30~+70
Dimension(mm)	45*26
Weight (g)	21

**L-KLS3-LPB-30*25**

Piezoelectric Active Buzzer



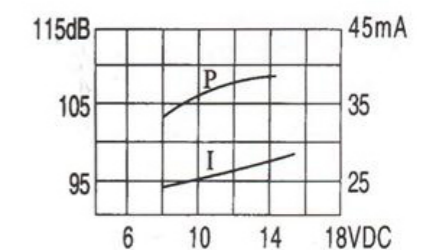
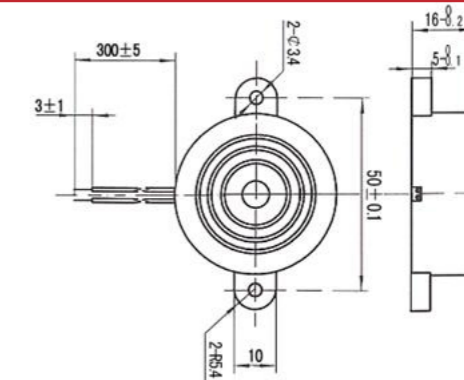
Item	Specification	
	L-KLS3-LPB-30*25	
	D	E
Rated Voltage(VDC)	12	24
Operating Voltage(VDC)	1.5~16	1.5~28
Tone Nature	Continuous	Continuous
SPL(dB)MIN	95/30cm	95/30cm
Rated Frequency(Hz)	3500±500	3500±500
Current Max(mA)	15	20
Operating Temperature(°C)	-20~+60	-20~+60
Storage temperature(°C)	-30~+70	-30~+70
Dimension(mm)	30*25	30*25
Weight (g)	15	15

**L-KLS3-LPB-42*16**

Piezoelectric Active Buzzer



Item	Specification	
	L-KLS3-LPB-42*16	
	D	E
Rated Voltage(VDC)	12	24
Operating Voltage(VDC)	3~24	3~24
Tone Nature	Continuous	Continuous
SPL(dB)MIN	96/30cm	96/30cm
Rated Frequency(Hz)	2800±500	2800±500
Current Max(mA)	10	20
Operating Temperature(°C)	-20~+60	-20~+60
Storage temperature(°C)	-30~+70	-30~+70
Dimension(mm)	42*16	42*16
Weight (g)	13	13

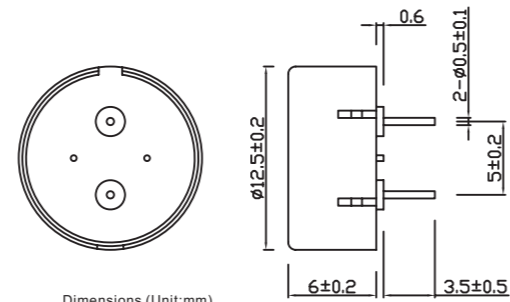


L-KLS3-PT-12*06

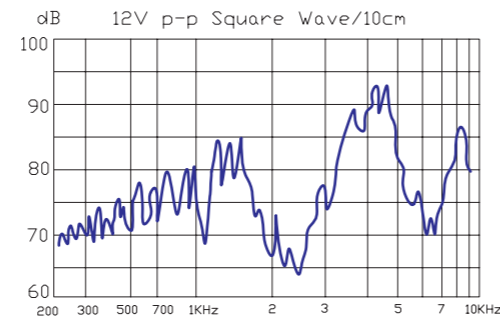
Piezoelectric Passive Buzzer 12.5*6 pin pitch 5.0



Item	Specification	
	L-KLS3-PT-12*06	
	A	B
Rated Voltage(VDC)	5	12
Operating Voltage(VDC)	1~20	1~20
Capacitance(nF)	11000±30%	11000±30%
SPL(dB)MIN	75/10cm	75/10cm
Rated Frequency(Hz)	4000±500	4000±500
Current Max(mA)	3	6
Operating Temperature(°C)	-20~+60	-20~+60
Storage temperature(°C)	-30~+70	-30~+70
Dimension(mm)	12.5*6	12.5*6
Weight (g)	1.2	1.2



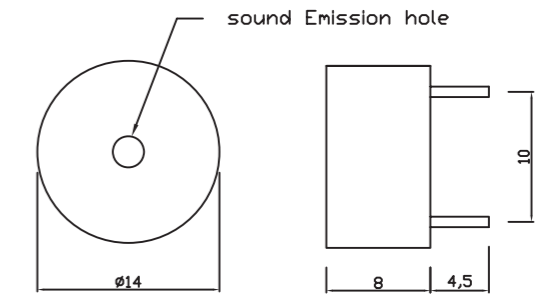
Dimensions (Unit:mm)

**L-KLS3-PT-14*08**

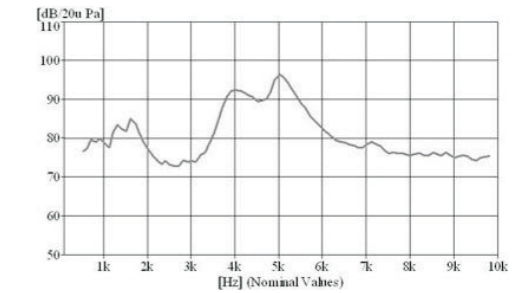
Piezoelectric Passive Buzzer 14*8 pin pitch 10.0



Item	Specification	
	L-KLS3-PT-14*08	
Rated Voltage(VDC)	5	
Operating Voltage(VDC)	1~20	
Capacitance(nF)	13000±30%	
SPL(dB)MIN	85/10cm	
Rated Frequency(Hz)	4000±500	
Current Max(mA)	1	
Operating Temperature(°C)	-20~+60	
Storage temperature(°C)	-30~+70	
Dimension(mm)	14*8	
Weight (g)	2	



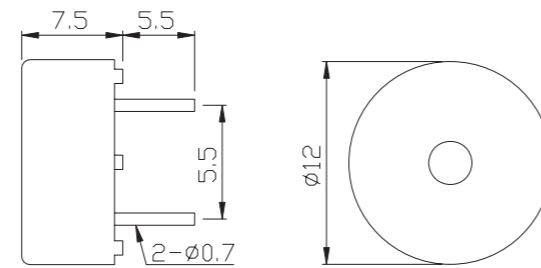
Dimensions (Unit:mm)

**L-KLS3-PT-12*7.5**

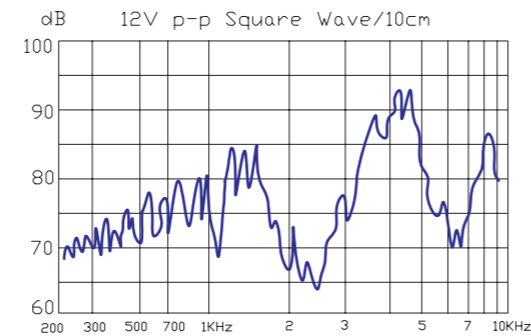
Piezoelectric Passive Buzzer 12*7.5 pin pitch 5.5/6.5



Item	Specification			
	L-KLS3-PT-12*7.5			
	C	A	C1	A1
Rated Voltage(VDC)	12	3	12	3
Operating Voltage(VDC)	1~20	1~20	1~20	1~20
Capacitance(nF)	6000±30%	8000±30%	8000±30%	6000±30%
SPL(dB)MIN	80/10cm	70/10cm	80/10cm	70/10cm
Rated Frequency(Hz)	4500±500	4000±500	4000±500	4500±500
Current Max(mA)	5	2	3	2
Operating Temperature(°C)	-20~+60	-20~+60	-20~+60	-20~+60
Storage temperature(°C)	-30~+70	-30~+70	-30~+70	-30~+70
Dimension(mm)	12*7.5	12*7.5	12*7.5	12*7.5
Weight (g)	2	2	2	2



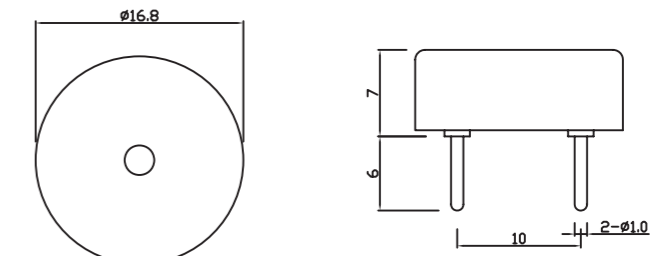
Dimensions (Unit:mm)

**L-KLS3-PT-17*08**

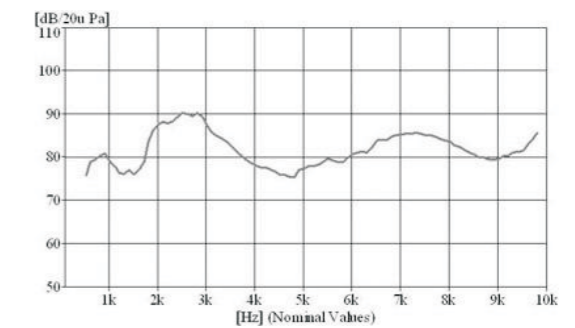
Piezoelectric Passive Buzzer 17*7 pin pitch 10.0



Item	Specification		
	L-KLS3-PT-17*08		
	A	B	C
Rated Voltage(VDC)	3	5	9
Operating Voltage(VDC)	1~20	1~20	1~20
Capacitance(nF)	15000±30%	15000±30%	15000±30%
SPL(dB)MIN	70/10cm	78/10cm	85/10cm
Rated Frequency(Hz)	4000±500	4000±500	4000±500
Current Max(mA)	1	1	1
Operating Temperature(°C)	-20~+60	-20~+60	-20~+60
Storage temperature(°C)	-30~+70	-30~+70	-30~+70
Dimension(mm)	17*7	17*7	17*7
Weight (g)	1	1	1



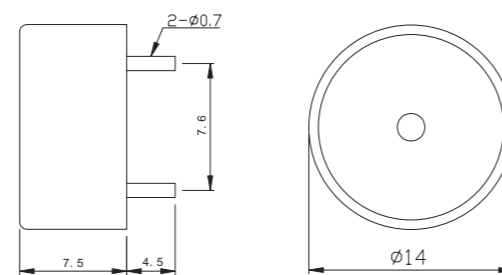
Dimensions (Unit:mm)

**L-KLS3-PT-14*7.5**

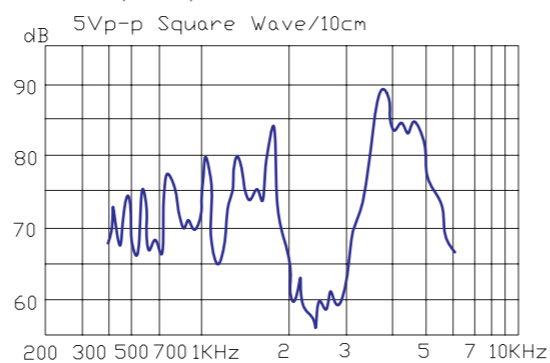
Piezoelectric Passive Buzzer 14*7.5 pin pitch 7.6



Item	Specification	
	L-KLS3-PT-14*7.5	
Rated Voltage(VDC)	5	
Operating Voltage(VDC)	1~20	
Capacitance(nF)	12000±30%	
SPL(dB)MIN	80/10cm	
Rated Frequency(Hz)	4000±500	
Current Max(mA)	1	
Operating Temperature(°C)	-20~+60	
Storage temperature(°C)	-30~+70	
Dimension(mm)	14*7.5	
Weight (g)	2	



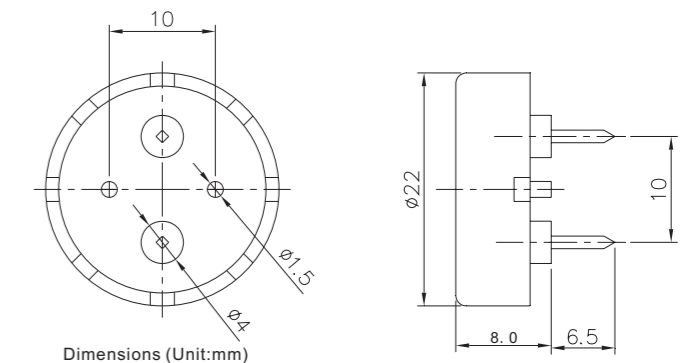
Dimensions (Unit:mm)

**L-KLS3-PT-22*08**

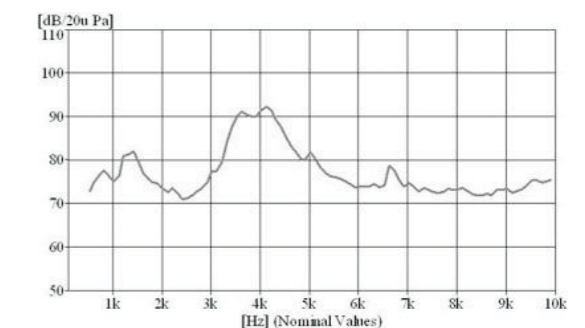
Piezoelectric Passive Buzzer 22*8 pin pitch 10.0



Item	Specification	
	L-KLS3-PT-22*08	
	A	B
Rated Voltage(VDC)	3	9
Operating Voltage(VDC)	1~30	1~30
Capacitance(nF)	15000±30%	15000±30%
SPL(dB)MIN	80/10cm	85/10cm
Rated Frequency(Hz)	4000±500	4000±500
Current Max(mA)	1	7
Operating Temperature(°C)	-20~+60	-20~+60
Storage temperature(°C)	-30~+70	-30~+70
Dimension(mm)	22*8	22*8
Weight (g)	2.5	3.5

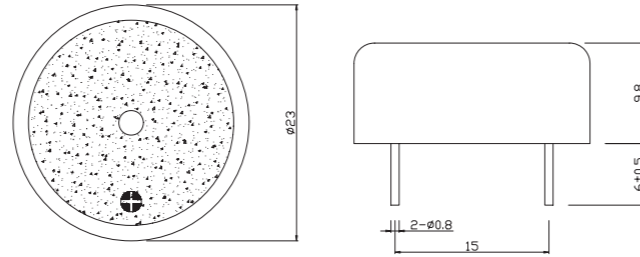


Dimensions (Unit:mm)

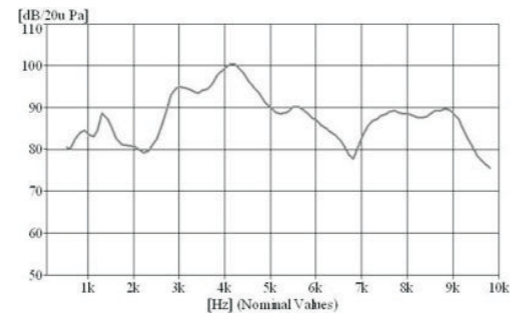


L-KLS3-PT-23*10

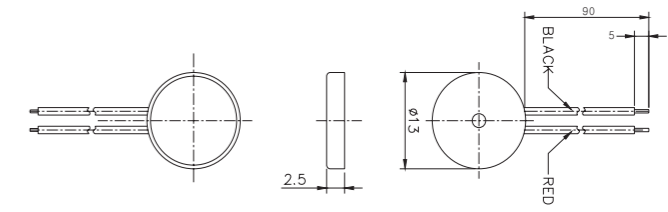
Piezoelectric Passive Buzzer Pin Pitch 15mm



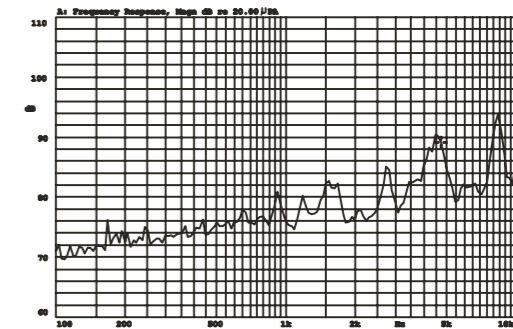
Item	Specification	
	L-KLS3-PT-23*10	
	B	D
Rated Voltage(VDC)	5	12
Operating Voltage(VDC)	1 ~ 30	1 ~ 30
Tone Nature	15000±30%	15000±30%
SPL(dB)MIN	80/10cm	85/30cm
Rated Frequency(Hz)	4000±500	4800
Current Max(mA)	3.5	5
Operating Temperature(°C)	-20~+60	-20~+60
Storage temperature(°C)	-30~+70	-30~+70
Dimension(mm)	23*9.8	23*9.8
Weight (g)	4	4

**L-KLS3-LPT-13*2.5**

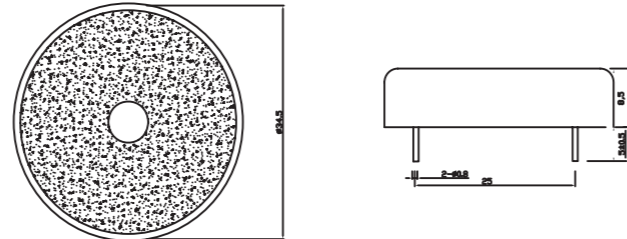
Piezoelectric Passive Buzzer



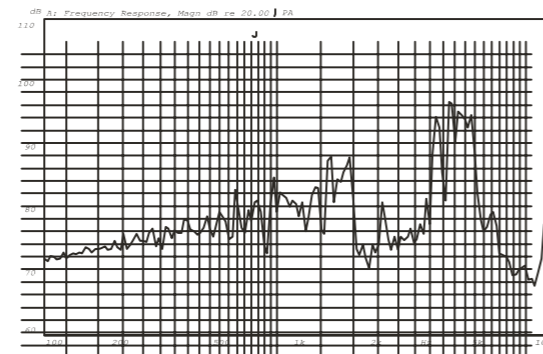
Item	Specification	
	L-KLS3-LPT-13*2.5	
Rated Voltage(VDC)	10	
Operating Voltage(VDC)	1 ~ 30	
Tone Nature	15000±30%	
SPL(dB)MIN	80/10cm	
Rated Frequency(Hz)	4800	
Current Max(mA)	5	
Operating Temperature(°C)	-20~+60	
Storage temperature(°C)	-30~+70	
Dimension(mm)	13*2.5	
Weight (g)	0.6	

**L-KLS3-PT-34*8.5**

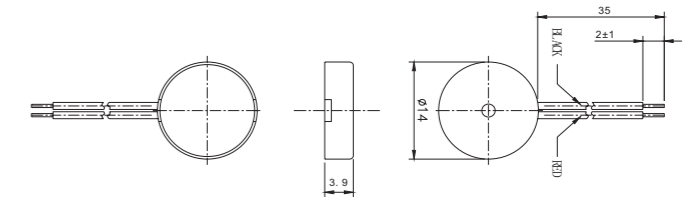
Piezoelectric Passive Buzzer Pin Pitch 24.5 mm



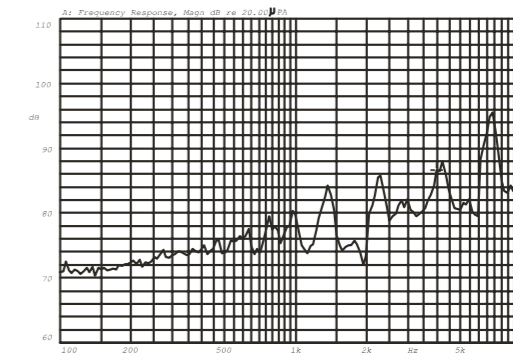
Item	Specification	
	L-KLS3-PT-34*8.5	
	C	D
Rated Voltage(VDC)	9	12
Operating Voltage(VDC)	1 ~ 30	1 ~ 30
Tone Nature	45000±30%	45000±30%
SPL(dB)MIN	80/30cm	75/10cm
Rated Frequency(Hz)	1200	1400
Current Max(mA)	5	10
Operating Temperature(°C)	-20~+60	-20~+60
Storage temperature(°C)	-30~+70	-30~+70
Dimension(mm)	34.2*8.5	34.2*8.5
Weight (g)	5	5

**L-KLS3-LPT-14*04**

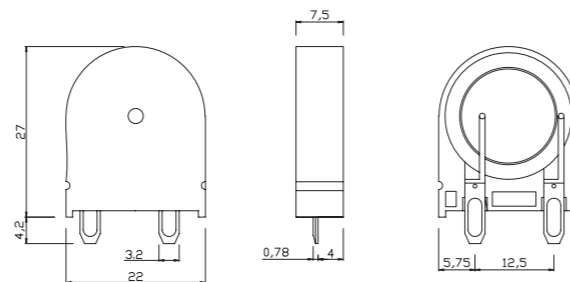
Piezoelectric Passive Buzzer



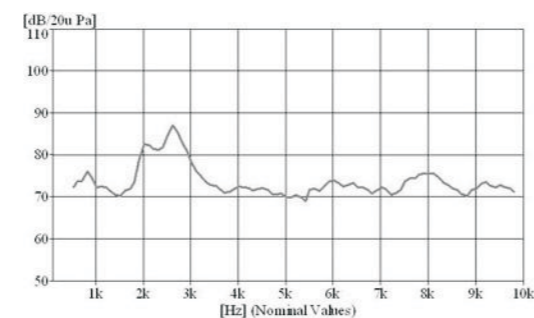
Item	Specification	
	L-KLS3-LPT-14*04	
	C	D
Rated Voltage(VDC)	9	10
Operating Voltage(VDC)	1 ~ 30	1 ~ 30
Tone Nature	15000±30%	13000±30%
SPL(dB)MIN	85/10cm	85/10cm
Rated Frequency(Hz)	4800	1200
Current Max(mA)	5	5
Operating Temperature(°C)	-20~+60	-20~+60
Storage temperature(°C)	-30~+70	-30~+70
Dimension(mm)	14*04	14*04
Weight (g)	1	1

**L-KLS3-PT-22*07**

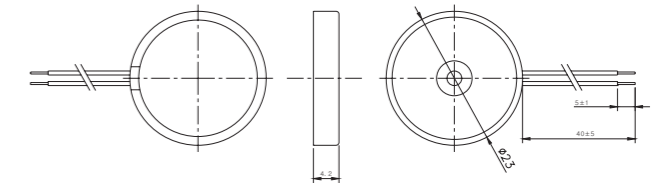
Piezoelectric Passive Buzzer Pin Pitch 12.5 mm



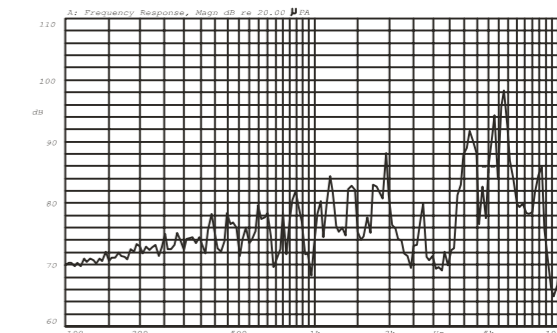
Item	Specification			
	L-KLS3-PT-22*07			
	A	B	C	D
Rated Voltage(VDC)	3	5	9	12
Operating Voltage(VDC)	1 ~ 30	1 ~ 30	1 ~ 30	1 ~ 30
Tone Nature	19000±30%	19000±30%	19000±30%	19000±30%
SPL(dB)MIN	70/10cm	80/10cm	85/10cm	87/10cm
Rated Frequency(Hz)	2000	2048	2000	2000
Current Max(mA)	1	3	3	5
Operating Temperature(°C)	-20~+60	-20~+60	-20~+60	-20~+60
Storage temperature(°C)	-30~+70	-30~+70	-30~+70	-30~+70
Dimension(mm)	22*07	22*07	22*07	22*07
Weight (g)	3	3	3	3

**L-KLS3-LPT-23*4.2**

Piezoelectric Passive Buzzer

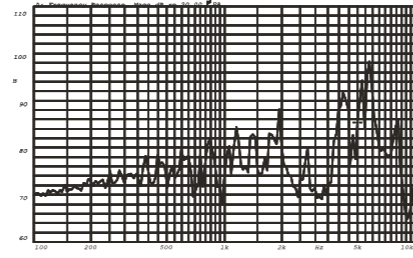
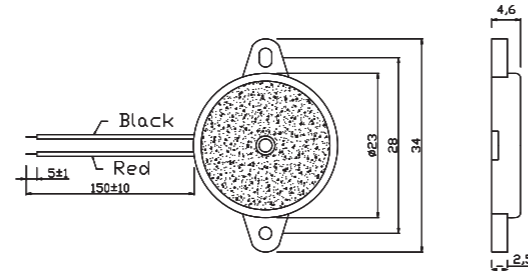


Item	Specification	
	L-KLS3-LPT-23*4.2	
Rated Voltage(VDC)	12	
Operating Voltage(VDC)	1 ~ 30	
Tone Nature	15000±30%	
SPL(dB)MIN	80/30cm	
Rated Frequency(Hz)	5000	
Current Max(mA)	5	
Operating Temperature(°C)	-20~+60	
Storage temperature(°C)	-30~+70	
Dimension(mm)	23*4.2	
Weight (g)	2	



L-KLS3-LPT-23*4.6

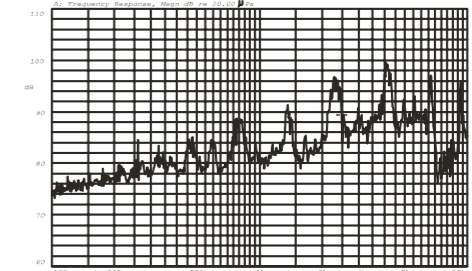
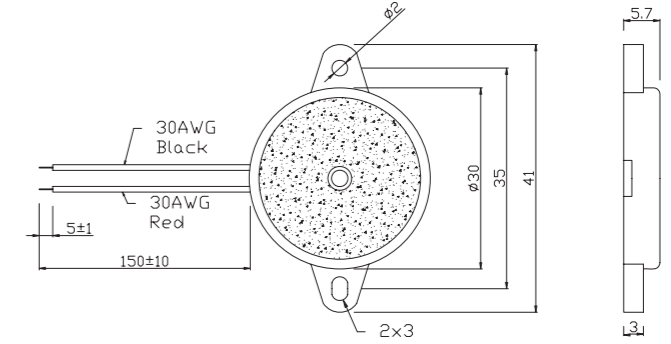
Piezoelectric Passive Buzzer



Item	Specification
	L-KLS3-LPT-23*4.6
Rated Voltage(VDC)	12
Operating Voltage(VDC)	1 ~ 30
Tone Nature	24000±30%
SPL(dB)MIN	80/30cm
Rated Frequency(Hz)	4000
Current Max(mA)	5
Operating Temperature(°C)	-20~+60
Storage temperature(°C)	-30~+70
Dimension(mm)	23*4.6
Weight (g)	2

L-KLS3-LPT-30*5.7

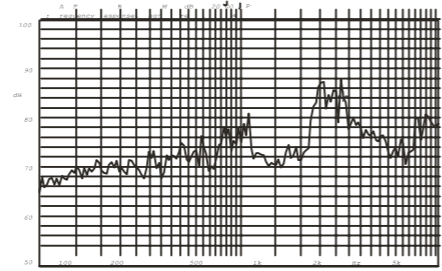
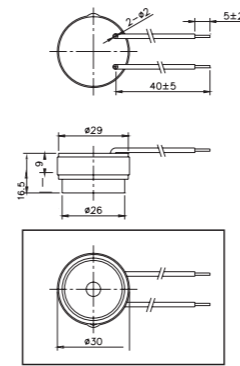
Piezoelectric Passive Buzzer



Item	Specification			
	L-KLS3-LPT-30*5.7			
	A	C	D	D2
Rated Voltage(VDC)	3	9	12	12
Operating Voltage(VDC)	1 ~ 30	1 ~ 30	1 ~ 30	1 ~ 30
Tone Nature	25000±30%	20000±30%	45000±30%	25000±30%
SPL(dB)MIN	85/10cm	88/10cm	85/10cm	80/10cm
Rated Frequency(Hz)	4000	3500	1300	2500
Current Max(mA)	1	3	3.5	5
Operating Temperature(°C)	-20~+60	-20~+60	-20~+60	-20~+60
Storage temperature(°C)	-30~+70	-30~+70	-30~+70	-30~+70
Weight (g)	3.5	3.5	3.5	3.5

L-KLS3-LPT-30*16

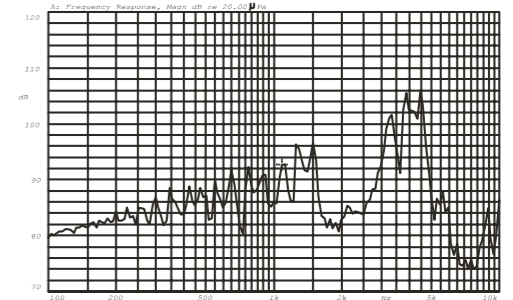
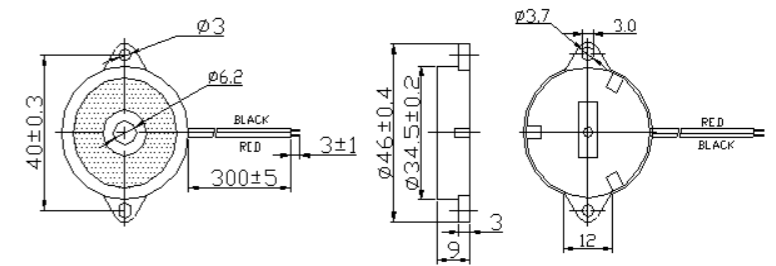
Piezoelectric Passive Buzzer



Item	Specification
	L-KLS3-LPT-30*16
Rated Voltage(VDC)	9
Operating Voltage(VDC)	3 ~ 28
Tone Nature	25000±30%
SPL(dB)MIN	100/10cm
Rated Frequency(Hz)	3400±500
Current Max(mA)	180
Operating Temperature(°C)	-20~+60
Storage temperature(°C)	-30~+70
Dimension(mm)	30*16
Weight (g)	8

L-KLS3-LPT-35*09

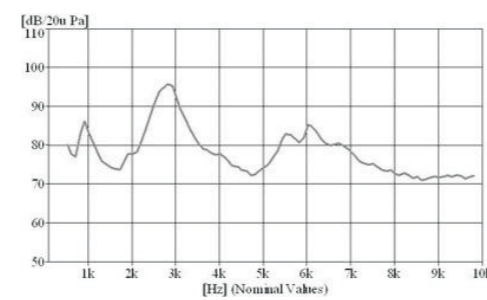
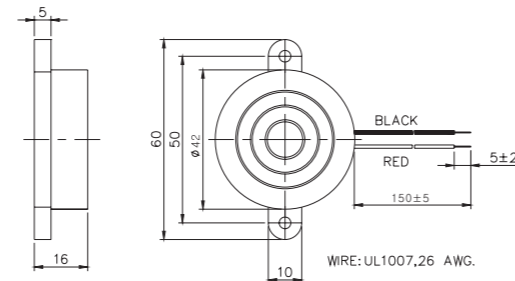
Piezoelectric Passive Buzzer



Item	Specification
	L-KLS3-LPT-35*09
Rated Voltage(VDC)	10
Operating Voltage(VDC)	1 ~ 30
Tone Nature	50000±30%
SPL(dB)MIN	85/10cm
Rated Frequency(Hz)	1100
Current Max(mA)	3
Operating Temperature(°C)	-20~+60
Storage temperature(°C)	-30~+70
Dimension(mm)	34.5*09
Weight (g)	5

L-KLS3-LPT-42*16

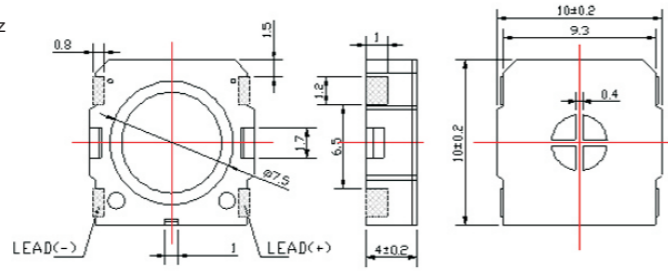
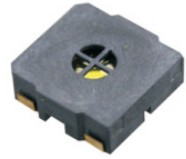
Piezoelectric Passive Buzzer



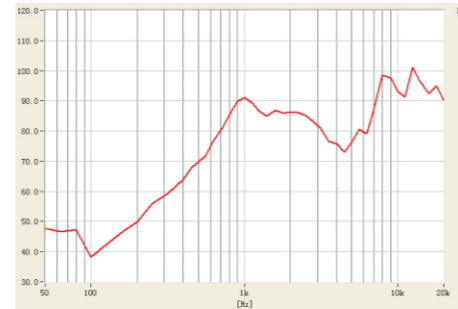
Item	Specification
	L-KLS3-LPT-42*16
Rated Voltage(VDC)	12
Operating Voltage(VDC)	1 ~ 30
Tone Nature	35000±30%
SPL(dB)MIN	90/30cm
Rated Frequency(Hz)	2800
Current Max(mA)	3
Operating Temperature(°C)	-20~+60
Storage temperature(°C)	-30~+70
Dimension(mm)	42*16
Weight (g)	10

L-KLS3-SMD-10104-R8W1.0

SMD Speakers 86dB(0.1W/0.1m) ± 3dB at AVE 1.0K 1.6K 2.0K 3.2K Hz

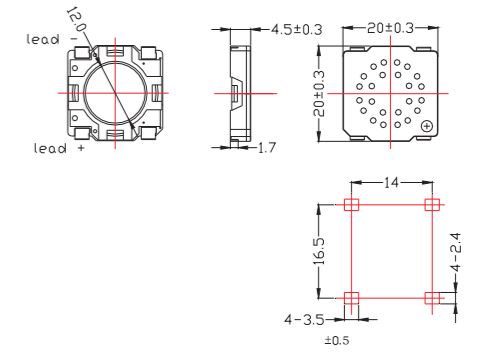
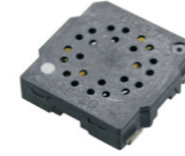


Item	specification
Dimension (mm)(D*H*T)	10*10*4
Rated Power(W)	1
Max Power(W)	1.2
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	1000±20%Hz
Frequency Range(Hz)	F0~5kHz.



L-KLS3-SMD-20205-R8W0.5

SMD Speakers 90dB(0.1W/0.1m) ± 3 dB at AVE 1.0K 1.6K 2.0K 3.2K Hz

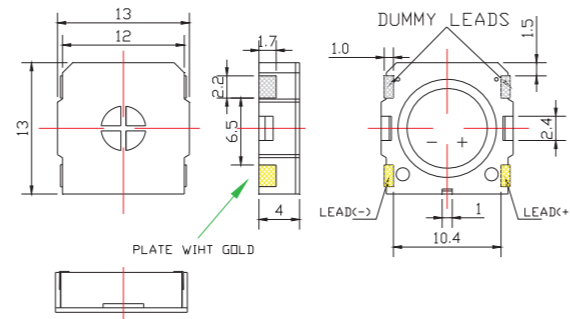
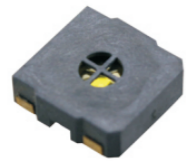


Item	specification
Dimension (mm)(D*H*T)	20*20*4.5
Rated Power(W)	0.5
Max Power(W)	0.8
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	850±20%Hz
Frequency Range(Hz)	F0~20kHz.

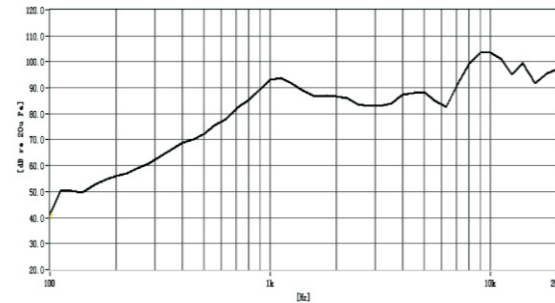


L-KLS3-SMD-13134-R8W0.5

SMD Speakers 88dB(0.7W/0.1m) ± 3dB at AVE 1.0K 1.6K 2.0K 3.2K Hz

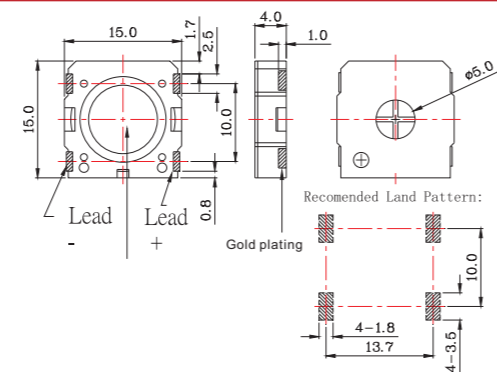
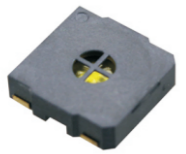


Item	specification
Dimension (mm)(D*H*T)	13*13*4
Rated Power(W)	0.5
Max Power(W)	1
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	1100±20%Hz
Frequency Range(Hz)	F0~20kHz.

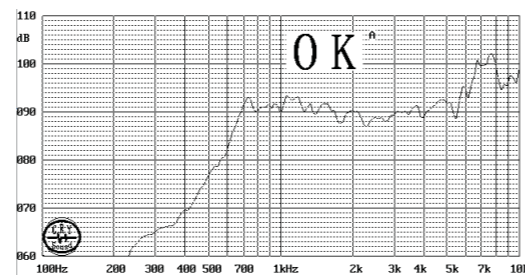


L-KLS3-SMD-15154-R8W0.5

SMD Speakers 87dB(0.5W/0.1m) ± 3 dB at AVE 1.0K 1.6K 2.0K 3.2K Hz

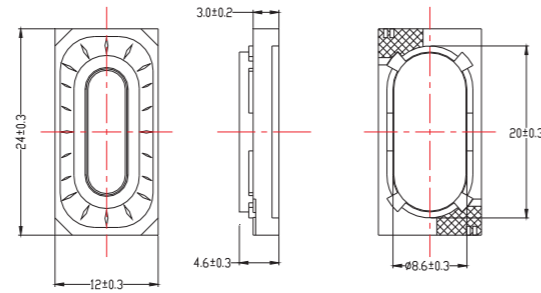


Item	specification
Dimension (mm)(D*H*T)	15*15*4
Rated Power(W)	0.5
Max Power(W)	0.8
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	850±20%Hz
Frequency Range(Hz)	F0~20kHz.

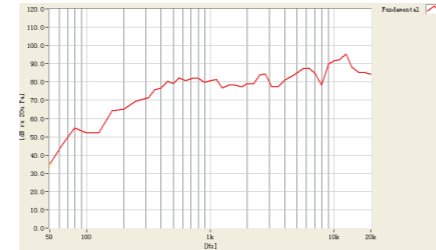


L-KLS3-NS-122446-R4W1.0

Notebook Speakers 78dB(2W/0.5M) ± 3 dB at AVE 1.0K 1.2K 1.5K 2.0KHz

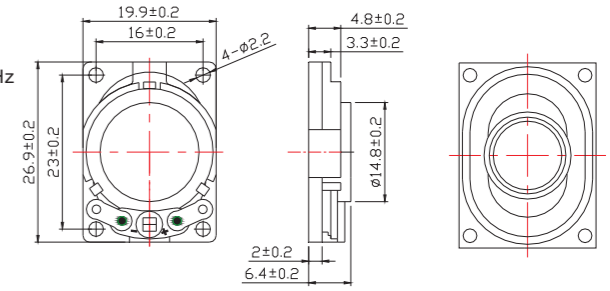


Item	specification
Dimension (mm)(D*H*T)	12*24*4.6
Rated Power(W)	1
Max Power(W)	1.5
Impedance(Ω)	4Ω ± 15%
Resonant Freq.(Fo)(Hz)	380±20%
Frequency Range(Hz)	F0~20kHz

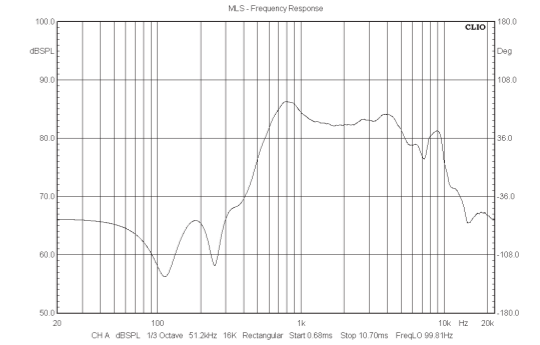


L-KLS3-NS-202764-R8W1.0

Notebook Speakers 83dB(1W/0.5m) ± 3 dB at AVE 0.8K 1.0K 1.2K 1.5K Hz

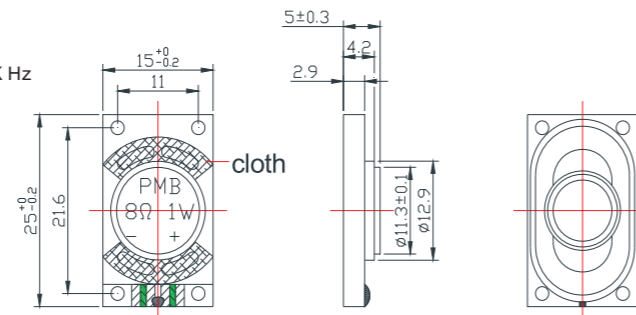


Item	specification
Dimension (mm)(D*H*T)	20*27*6.4
Rated Power(W)	1
Max Power(W)	1.5
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	700±20%
Frequency Range(Hz)	F0~10kHz

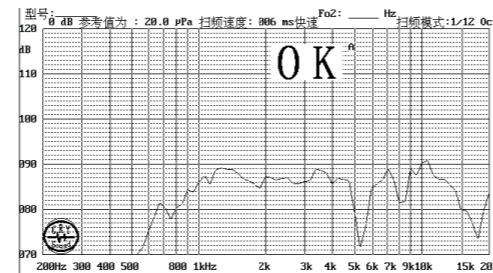


L-KLS3-NS-152505-R8W1.0

Notebook Speakers 82dB(0.1W/0.1M) ± 3 dB at AVE 0.8K 1.0K 1.2K 1.5K Hz

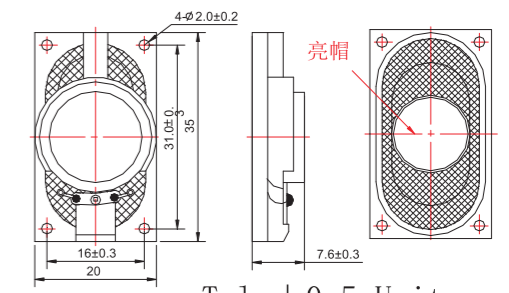


Item	specification
Dimension (mm)(D*H*T)	15*25*05
Rated Power(W)	1
Max Power(W)	1.5
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	1100±20%
Frequency Range(Hz)	F0~20kHz

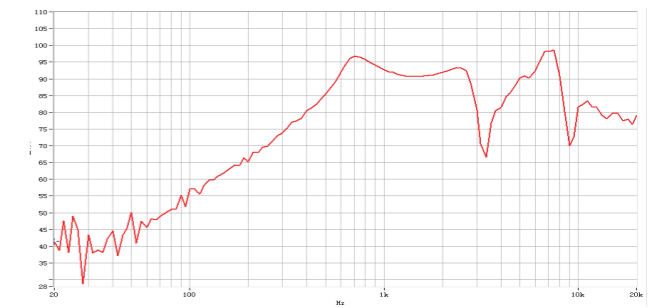


L-KLS3-NS-203576-R8W1.0

Notebook Speakers 85dB(1W/0.5m) ± 3 dB at AVE 0.8K 1.0K 1.2K 1.5K Hz

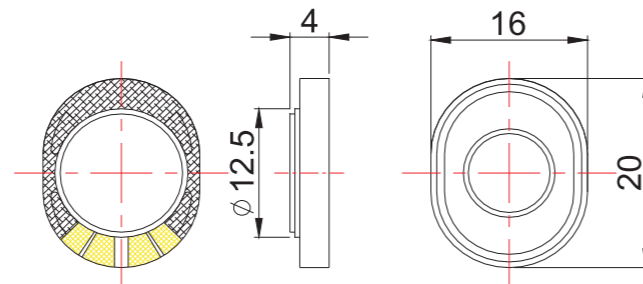


Item	specification
Dimension (mm)(D*H*T)	20*35*7.6
Rated Power(W)	1
Max Power(W)	1.5
Impedance(Ω)	8Ω ± 20%
Resonant Freq.(Fo)(Hz)	750±20%
Frequency Range(Hz)	F0-5KHz

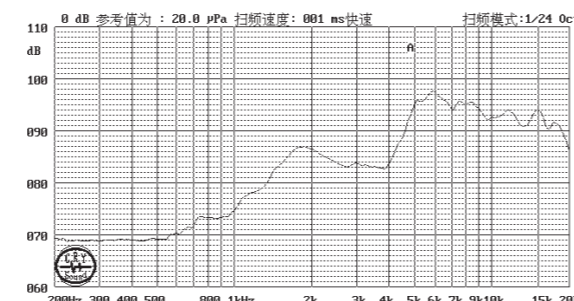


L-KLS3-NS-162004-R8W1.0-L100

Notebook Speakers, with wire UL 1571 30# 89dB(1W/0.1M) ± 3 dB at AVE 1.0K 1.2K 1.5K 2.0KHz

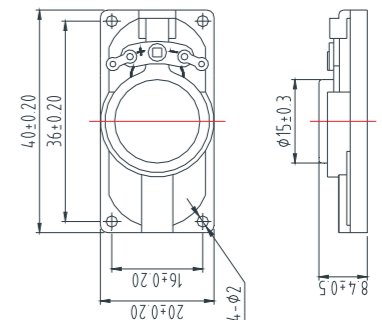


Item	specification
Dimension (mm)(D*H*T)	15*15*4
Rated Power(W)	1
Max Power(W)	1.5
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	1200±20%
Frequency Range(Hz)	F0~20kHz

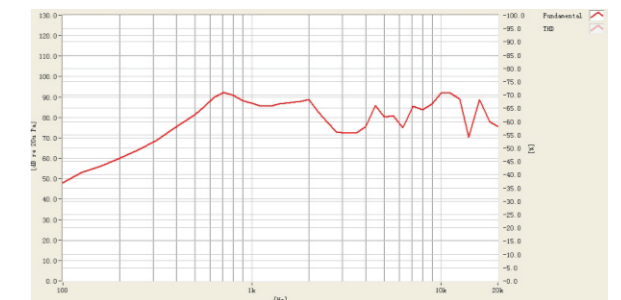


L-KLS3-NS-204084-R4W2.0

Notebook Speakers 92dB(0.1W/0.1m) ± 3 dB at AVE 0.8K 1.0K 1.2K 1.5K Hz

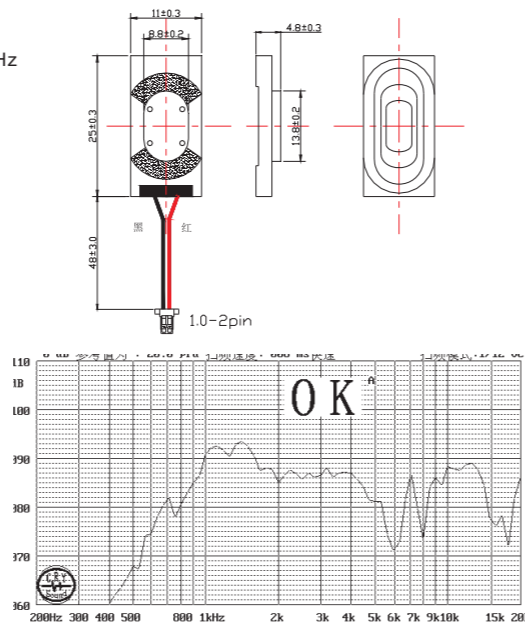
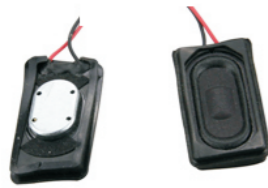


Item	specification
Dimension (mm)(D*H*T)	20*40*8.4
Rated Power(W)	2
Max Power(W)	3
Impedance(Ω)	4Ω ± 15%
Resonant Freq.(Fo)(Hz)	650±20%
Frequency Range(Hz)	F0~10kHz



L-KLS3-NS-152954-R8W1.0-L38

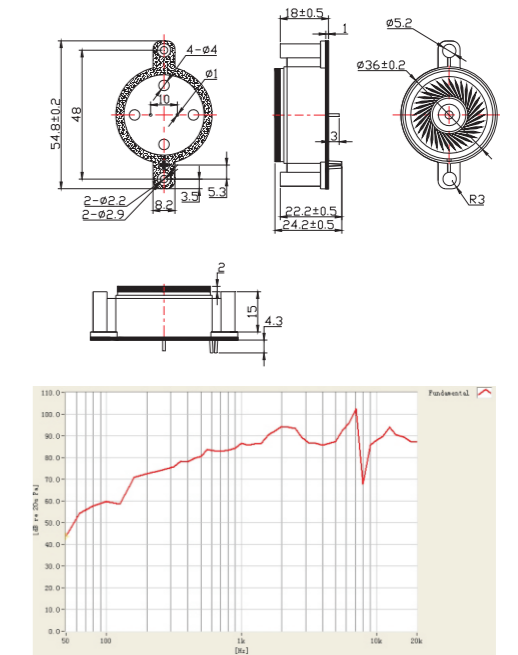
Notebook Speakers, with wire 86dB(0.1W/0.1M) ± 3 dB at AVE 0.8K 1.0K 1.2K 1.5K Hz



Item	specification
Dimension (mm)(D*H*T)	14.5*28.5*5.4
Rated Power(W)	1
Max Power(W)	1.5
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	700±20%
Frequency Range(Hz)	F0~15kHz

L-KLS3-AS-36055-R8W1.5

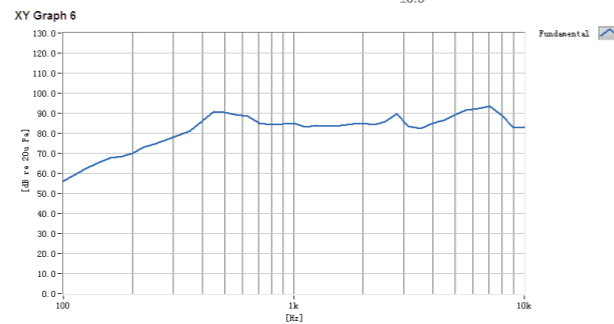
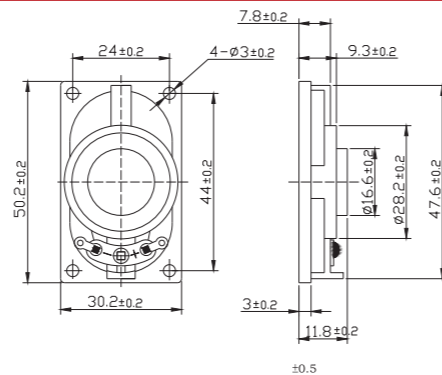
Automotive Speakers 86dB(1w/0.5m) ± 3 dB at AVE 0.8K 1.0K 1.2K 1.5K Hz



Item	specification
Dimension (mm)(D*H*T)	Φ36*55*22
Rated Power(W)	1.5
Max Power(W)	2
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	400±20%
Frequency Range(Hz)	F0~8kHz

L-KLS3-NS-305012-R8W1.0

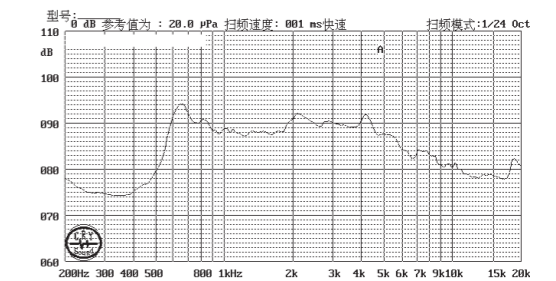
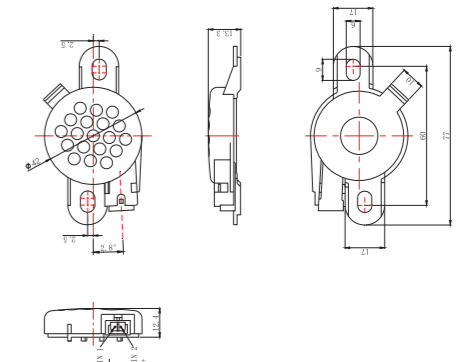
Notebook Speakers 85dB(1.0W/0.5m) ± 3 dB at AVE 0.8K 1.0K 1.2K 1.5K Hz



Item	specification
Dimension (mm)(D*H*T)	30*50*11.8
Rated Power(W)	2
Max Power(W)	3
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	450±20%
Frequency Range(Hz)	F0~20kHz

L-KLS3-AS-43077-R47W0.5

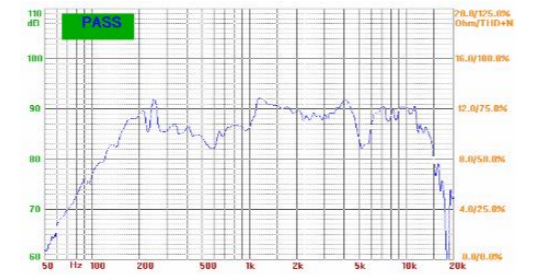
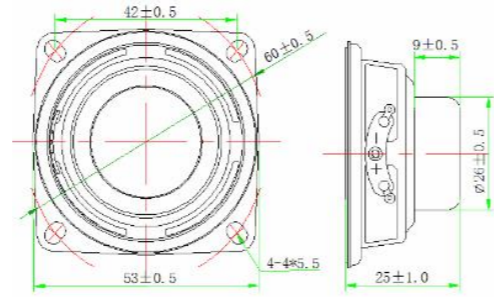
Automotive Speakers 88dB ± 3 dB at AVE 0.8K Hz /10Vp-p/ 50cm



Item	specification
Dimension (mm)(D*H*T)	Φ43*77*13.3
Rated Power(W)	0.5
Max Power(W)	1
Impedance(Ω)	DC 47Ω ± 15% AC 50Ω ± 15%
Resonant Freq.(Fo)(Hz)	560±170
Frequency Range(Hz)	600~1500 Hz

L-KLS3-MSF-535325-R8W5

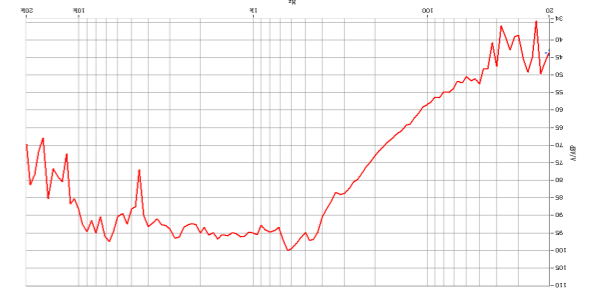
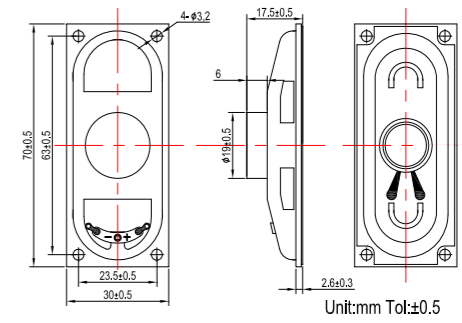
SMD Speaker 84 ± 3dB(1W/0.5M) average of 0.8,1.0,1.2,1.5 KHz



Item	Specification
Dimension (mm)(D*H*T)	53.5*53.5*25H
Rated Power(W)	5
Max Power(W)	6
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	190±20%Hz
Frequency Range(Hz)	F0~12 kHz.

L-KLS3-MSF-703017-R8W2

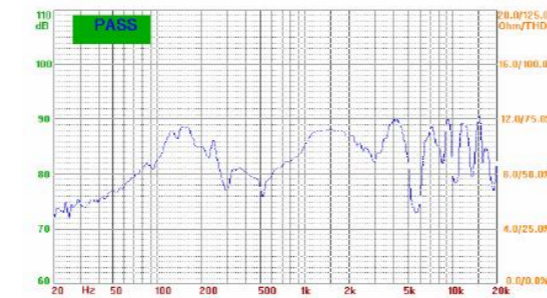
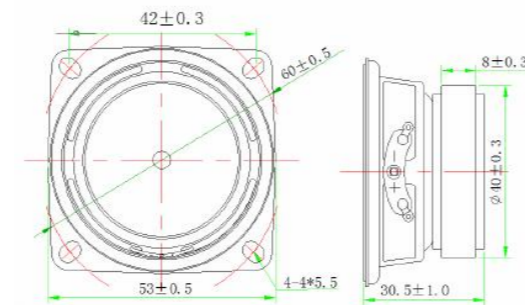
SMD Speaker 89± 3dB(0.1W/0.1M) average of 0.8,1.0,1.2,1.5 KHz



Item	Specification
Dimension (mm)(D*H*T)	70*30*17H
Rated Power(W)	2
Max Power(W)	3
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	450±20%Hz
Frequency Range(Hz)	F0~5kHz.

L-KLS3-MSF-535330-R4W7

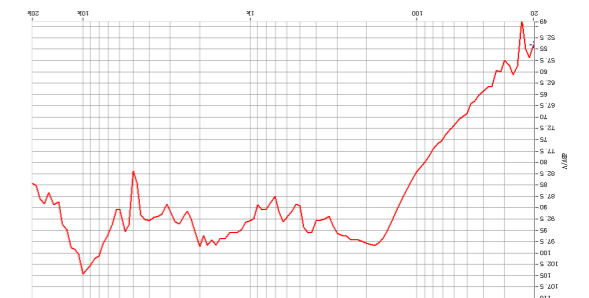
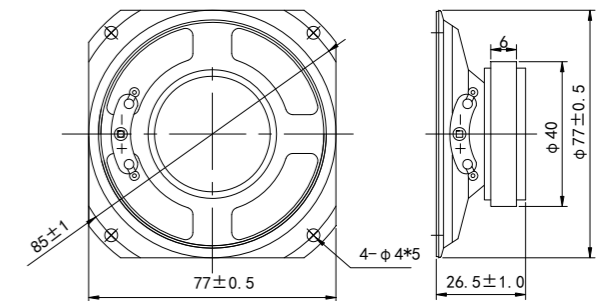
SMD Speaker 87 ± 3dB(1W/0.5M) average of 0.8,1.0,1.2,1.5 KHz



Item	Specification
Dimension (mm)(D*H*T)	53.5*53.5*30.5H
Rated Power(W)	7
Max Power(W)	8
Impedance(Ω)	4Ω ± 15%
Resonant Freq.(Fo)(Hz)	170±20%Hz
Frequency Range(Hz)	F0~20 kHz.

L-KLS3-MSF-777727-R4W10

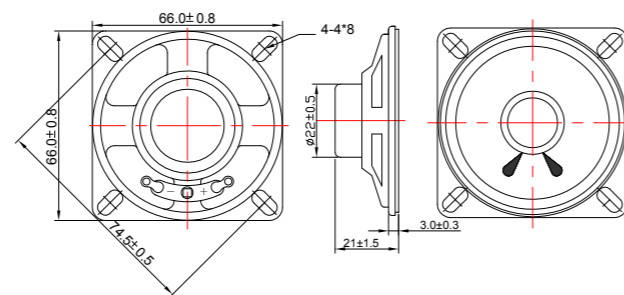
SMD Speaker 92± 3dB(0.5W/0.5M) average of 0.8,1.0,1.2,1.5 KHz



Item	Specification
Dimension (mm)(D*H*T)	77*77*26.5H
Rated Power(W)	10
Max Power(W)	12
Impedance(Ω)	4Ω ± 15%
Resonant Freq.(Fo)(Hz)	200±20%Hz
Frequency Range(Hz)	F0~20kHz.

L-KLS3-MSF-666621-R8W0.5

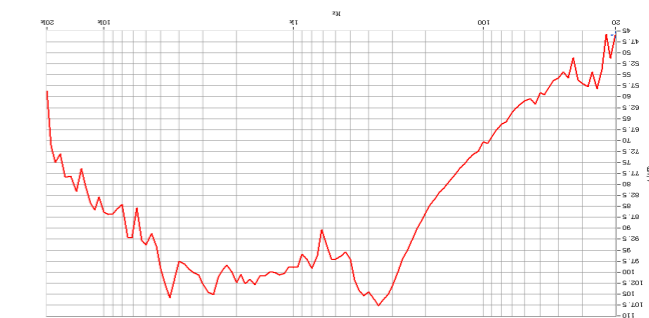
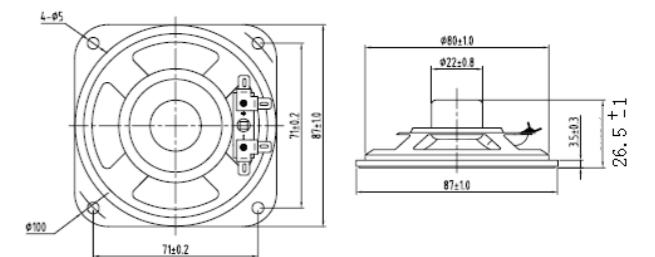
SMD Speaker 93± 3dB(0.1W/0.1M) average of 0.8,1.0,1.2,1.5 KHz



Item	Specification
Dimension (mm)(D*H*T)	66*66*21H
Rated Power(W)	0.5
Max Power(W)	1
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	350±20%Hz
Frequency Range(Hz)	F0~20 kHz.

L-KLS3-MSF-878727-R45W0.5

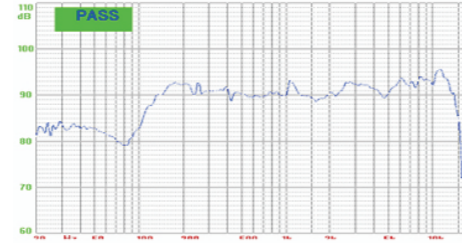
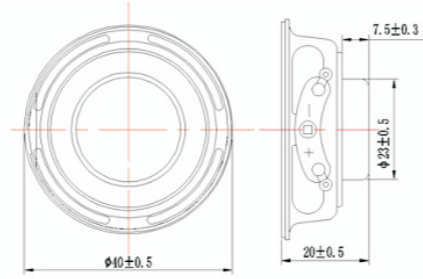
SMD Speaker 94 ± 3dB(0.1W/0.1M) average of 0.8,1.0,1.2,1.5 KHz



Item	Specification
Dimension (mm)(D*H*T)	87*87*26.5H
Rated Power(W)	0.5
Max Power(W)	1
Impedance(Ω)	45Ω ± 15%
Resonant Freq.(Fo)(Hz)	350±20%Hz
Frequency Range(Hz)	F0~10kHz

L-KLS3-MS-40020-R4W4

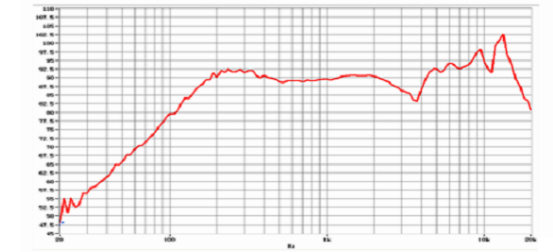
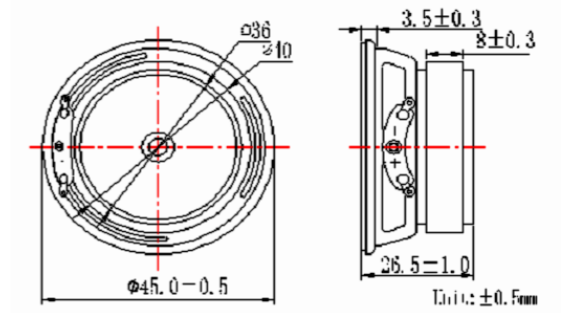
Multimedia Speaker 88 ± 3dB(0.1W/0.1M) average of 0.8 1.0 1.2 1.5 KHz



Item	specification
Dimension (mm)	Φ40×20H
Rated Power(W)	4
Max Power(W)	5
Impedance(Ω)	4Ω±15%
Resonant Freq.(Fo)(Hz)	180±20%
Frequency Range(Hz)	F0-10kHz

L-KLS3-MS-45027-R4W1.5

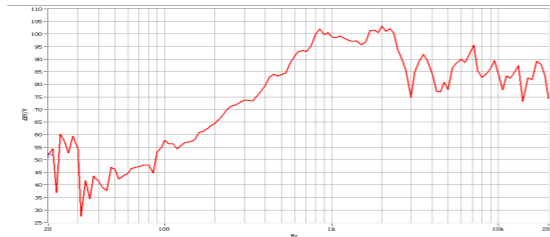
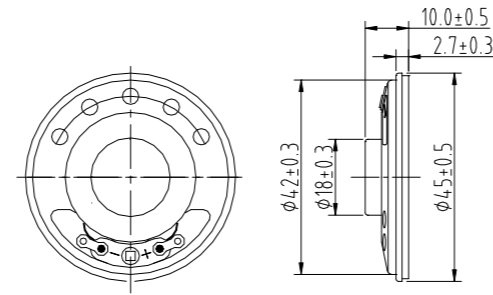
Multimedia Speaker 90 ± 3dB(0.1W/0.1m) average of 0.8 1.0 1.2 1.5 KHz



Item	specification
Dimension (mm)	Φ45×26.5H
Rated Power(W)	1.5
Max Power(W)	2
Impedance(Ω)	4Ω±15%
Resonant Freq.(Fo)(Hz)	200±20%
Frequency Range(Hz)	F0-15kHz

L-KLS3-MS-45010-R8W0.5

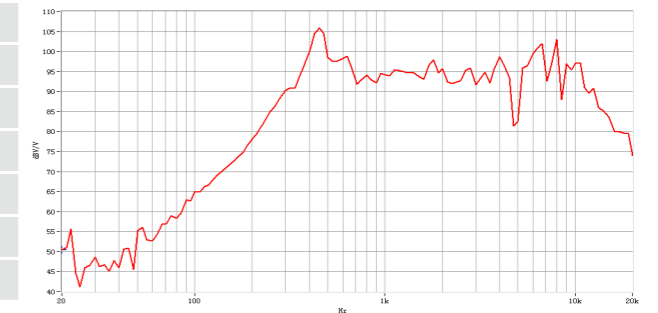
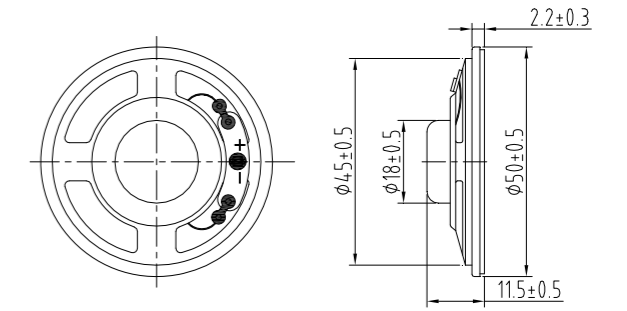
Multimedia Speaker 93 ± 3dB(0.1W/0.1m) average of 0.8 1.0 1.2 1.5 KHz



Item	specification
Dimension (mm)	Φ45×10H
Rated Power(W)	0.5
Max Power(W)	1
Impedance(Ω)	8Ω±15%
Resonant Freq.(Fo)(Hz)	800±20%
Frequency Range(Hz)	F0-4kHz

L-KLS3-MS-50012-R8W1

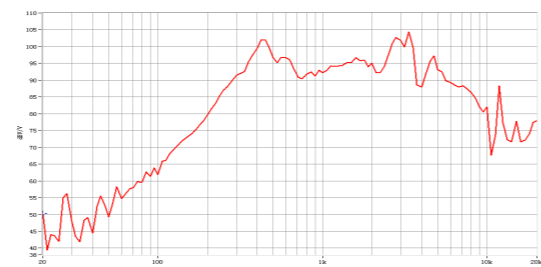
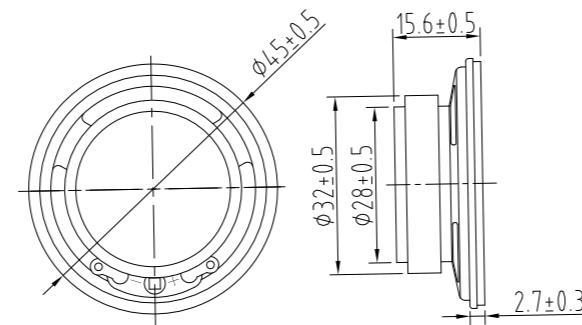
Multimedia Speaker 94 ± 3dB(0.1W/0.1M) average of 0.8 1.0 1.2 1.5 KHz



Item	specification
Dimension (mm)	Φ50×11.5H
Rated Power(W)	1
Max Power(W)	1.5
Impedance(Ω)	8Ω±15%
Resonant Freq.(Fo)(Hz)	550±20%
Frequency Range(Hz)	F0-10kHz

L-KLS3-MS-45016-R8W0.2

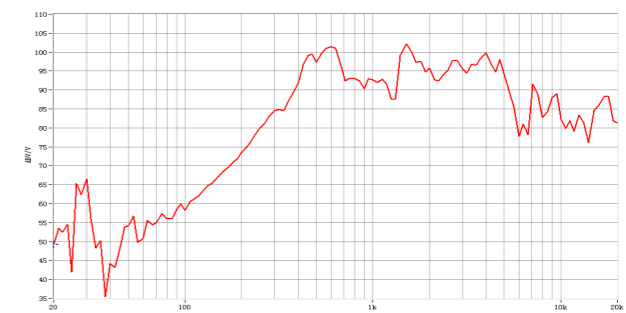
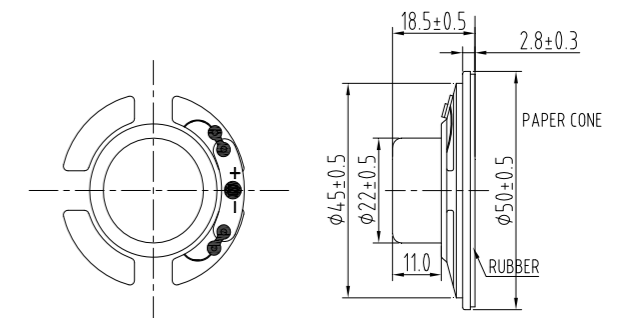
Multimedia Speaker 94 ± 3dB(0.1W/0.1m) average of 0.8 1.0 1.2 1.5 KHz



Item	specification
Dimension (mm)	Φ45×15.6H
Rated Power(W)	0.2
Max Power(W)	0.5
Impedance(Ω)	8Ω±15%
Resonant Freq.(Fo)(Hz)	600±20%
Frequency Range(Hz)	F0-4kHz

L-KLS3-MS-50019-R8W1

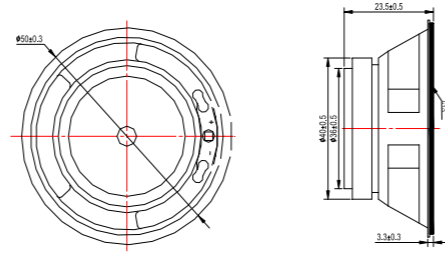
Multimedia Speaker 94 ± 3dB(0.1W/0.1M) average of 0.8 1.0 1.2 1.5 KHz



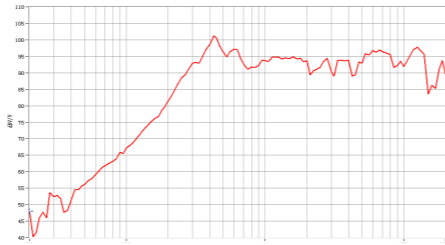
Item	specification
Dimension (mm)	Φ50×18.5H
Rated Power(W)	1
Max Power(W)	2
Impedance(Ω)	8Ω±15%
Resonant Freq.(Fo)(Hz)	500±20%
Frequency Range(Hz)	F0-20kHz

L-KLS3-MS-50024-R8W2

Multimedia Speaker 89± 3dB(0.1W/0.1M) average of 0.8,1.0,1.2,1.5 KHz

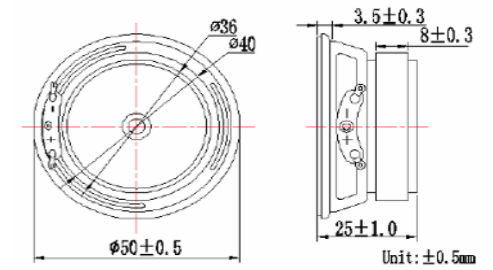


Item	specification
Dimension (mm)(D*H*T)	Φ50×23.5H
Rated Power(W)	2
Max Power(W)	3
Impedance(Ω)	8 ± 15%
Resonant Freq.(Fo)(Hz)	300±20%Hz
Frequency Range(Hz)	F0~5kHz.

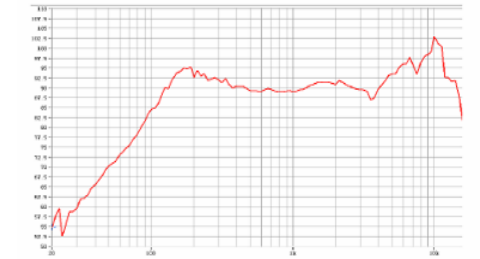


L-KLS3-MS-50025-R8W6

Multimedia Speaker 95± 3dB(0.1W/0.1M) average of 0.8,1.0,1.2,1.5 KHz

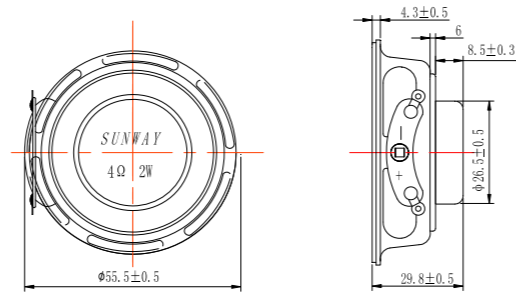


Item	specification
Dimension (mm)(D*H*T)	Φ50×25H
Rated Power(W)	6
Max Power(W)	8
Impedance(Ω)	8 ± 15%
Resonant Freq.(Fo)(Hz)	150±20%Hz
Frequency Range(Hz)	F0~15kHz.

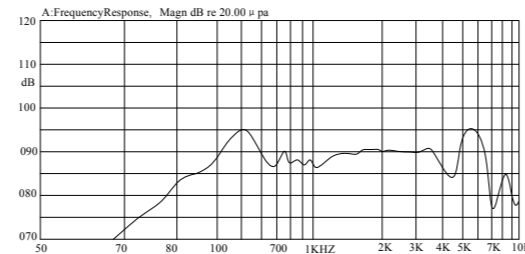


L-KLS3-MS-56030-R4W2

Multimedia Speaker 88± 3dB(0.1W/0.1m) average of 0.8,1.0,1.2,1.5 KHz

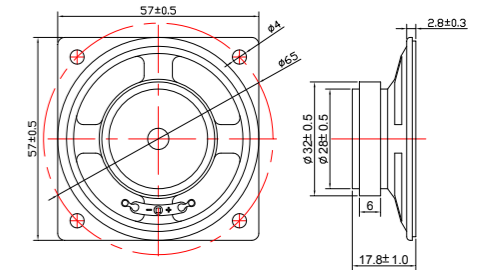
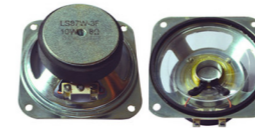


Item	specification
Dimension (mm)(D*H*T)	Φ55.5×30H
Rated Power(W)	2
Max Power(W)	3
Impedance(Ω)	4 ± 15%
Resonant Freq.(Fo)(Hz)	160±20%Hz
Frequency Range(Hz)	F0~4kHz.

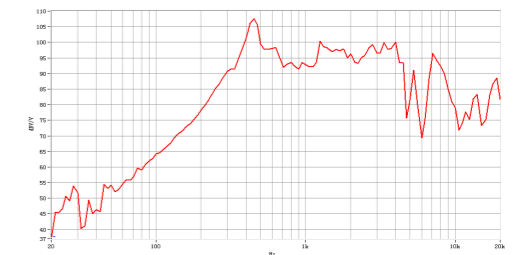


L-KLS3-MS-57018-R8W0.36

Multimedia Speaker 90± 3dB(0.1W/0.1M) average of 0.8,1.0,1.2,1.5 KHz

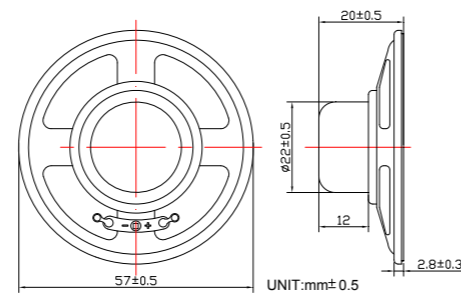


Item	specification
Dimension (mm)(D*H*T)	Φ57×17.8H
Rated Power(W)	0.36
Max Power(W)	0.5
Impedance(Ω)	8 ± 15%
Resonant Freq.(Fo)(Hz)	450±20%Hz
Frequency Range(Hz)	F0~5kHz.

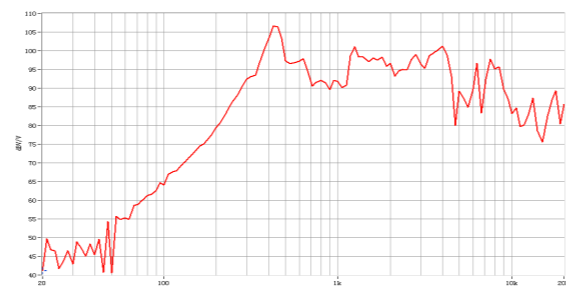


L-KLS3-MS-57020-R8W1

Multimedia Speaker 93 ± 3dB(0.1W/0.1M) average of 0.5,0.6,0.8,1.0 KHz

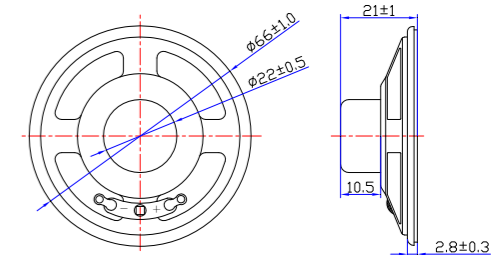


Item	specification
Dimension (mm)(D*H*T)	Φ57×20H
Rated Power(W)	1
Max Power(W)	2
Impedance(Ω)	8 ± 15%
Resonant Freq.(Fo)(Hz)	450±20%Hz
Frequency Range(Hz)	F0~5kHz.

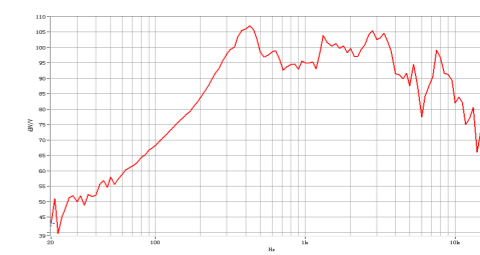


L-KLS3-MS-66021-R45W0.3

Multimedia Speaker 90± 3dB(0.1W/0.1M) average of 0.8,1.0,1.2,1.5 KHz

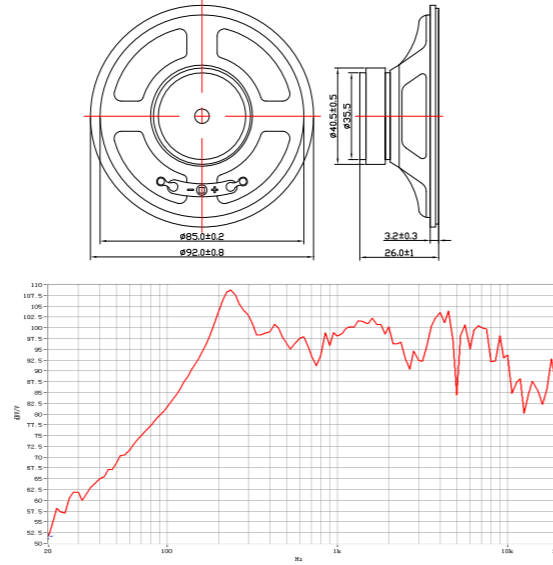


Item	specification
Dimension (mm)(D*H*T)	Φ66*21H
Rated Power(W)	0.3
Max Power(W)	0.5
Impedance(Ω)	45 ± 15%
Resonant Freq.(Fo)(Hz)	400±20%Hz
Frequency Range(Hz)	F0~5kHz.



L-KLS3-MS-92026-R45W1

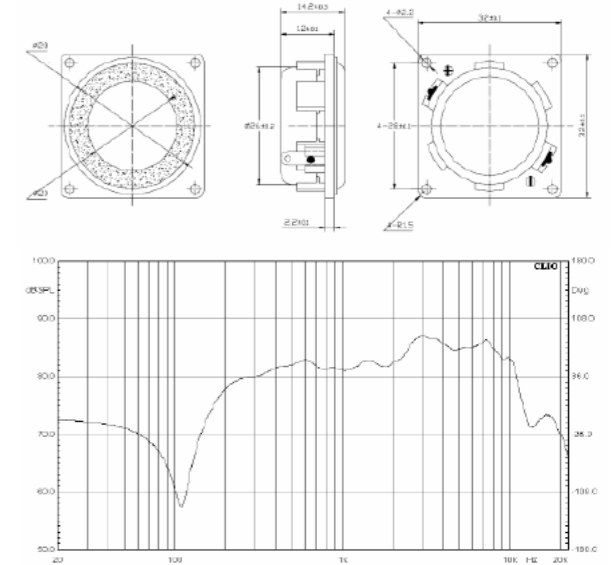
Multimedia Speaker 96 ± 3dB(0.1W/0.1M) average of 0.8 1.0 1.2 1.5 KHz



Item	specification
Dimension (mm)	Φ92×26H
Rated Power(W)	1
Max Power(W)	2
Impedance(Ω)	45Ω±15%
Resonant Freq.(Fo)(Hz)	200±20%
Frequency Range(Hz)	F0-18kHz

L-KLS3-MSF-323214-R4W2

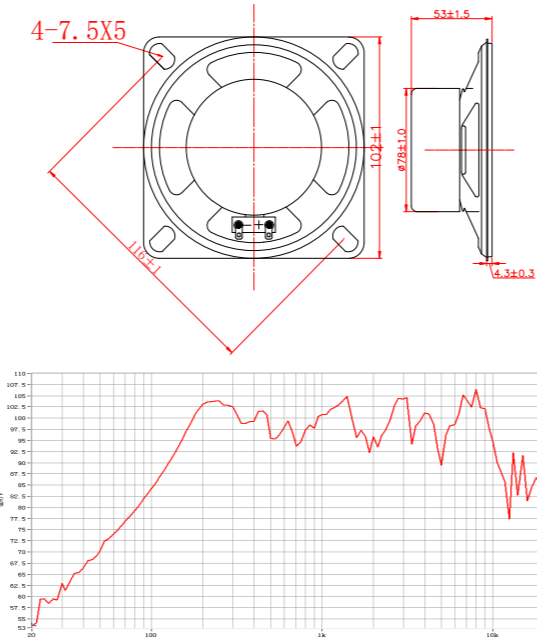
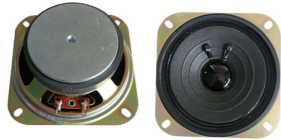
Multimedia Speaker 78 ± 3dB(0.1W/0.1m) average of 0.8 1.0 1.2 1.5 KHz



Item	specification
Dimension (mm)	32×32×14.2H
Rated Power(W)	2
Max Power(W)	3
Impedance(Ω)	4Ω±15%
Resonant Freq.(Fo)(Hz)	250±20%
Frequency Range(Hz)	F0-20kHz

L-KLS3-MSF-100053-R4W4

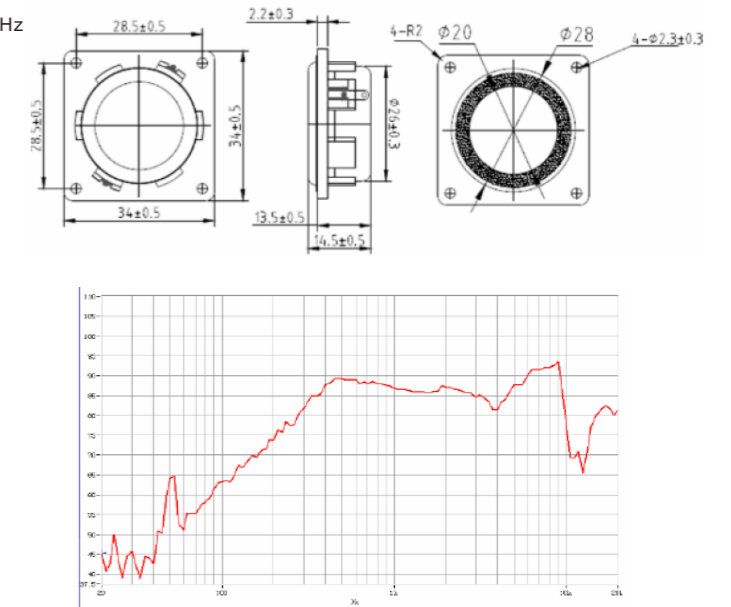
Multimedia Speaker 92 ± 3dB(0.1W/0.1m) average of 0.8 1.0 1.2 1.5 KHz



Item	specification
Dimension (mm)	102×102×53H
Rated Power(W)	4
Max Power(W)	8
Impedance(Ω)	4Ω±15%
Resonant Freq.(Fo)(Hz)	180±20%
Frequency Range(Hz)	F0-7kHz

L-KLS3-MSF343415-R8W2

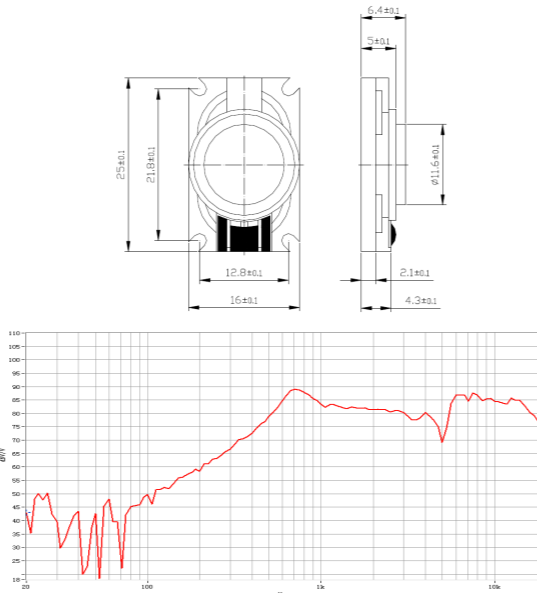
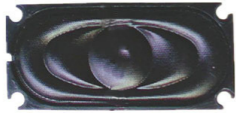
Multimedia Speaker 87 ± 3dB(0.1W/0.1M) average of 0.8 1.0 1.2 1.5 KHz



Item	specification
Dimension (mm)	34×34×15H
Rated Power(W)	2
Max Power(W)	3
Impedance(Ω)	8Ω±15%
Resonant Freq.(Fo)(Hz)	450±20%
Frequency Range(Hz)	F0-20kHz

L-KLS3-MSF-251664-R8W1

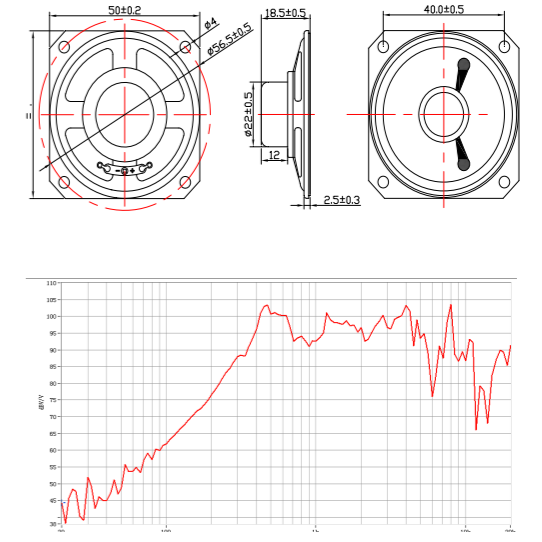
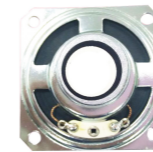
Multimedia Speaker 86 ± 3dB(0.1W/0.1m) average of 0.8 1.0 1.2 1.5 KHz



Item	specification
Dimension (mm)	25×16×6.4H
Rated Power(W)	1
Max Power(W)	1.5
Impedance(Ω)	8Ω±15%
Resonant Freq.(Fo)(Hz)	750±20%
Frequency Range(Hz)	F0-10kHz

L-KLS3-MSF-505018-R8W0.5

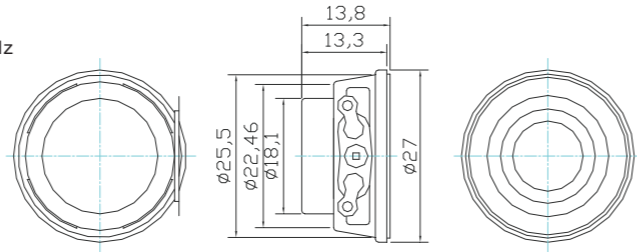
Multimedia Speaker 93 ± 3dB(0.1W/0.1M) average of 0.8 1.0 1.2 1.5 KHz



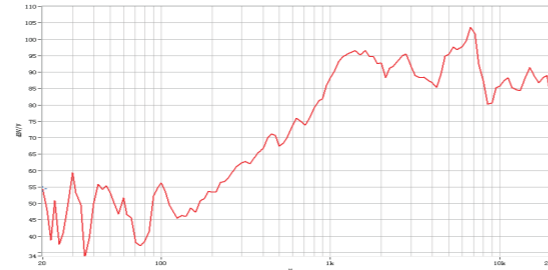
Item	specification
Dimension (mm)	50×50×18.5H
Rated Power(W)	0.5
Max Power(W)	1
Impedance(Ω)	8Ω±15%
Resonant Freq.(Fo)(Hz)	550±20%
Frequency Range(Hz)	F0-5kHz

L-KLS3-MS-27014-R8W2

Multimedia Speaker 87 ± 3dB(0.1W/0.1M) average of 0.8,1.0,1.2,1.5 KHz

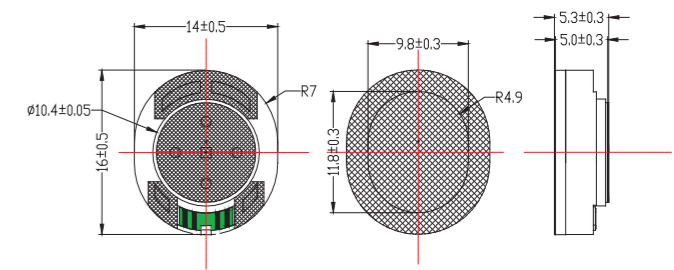


Item	specification
Dimension (mm)(D*H*T)	Φ27×13.8H
Rated Power(W)	2
Max Power(W)	3
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	750±20%
Frequency Range(Hz)	F0-10kHz

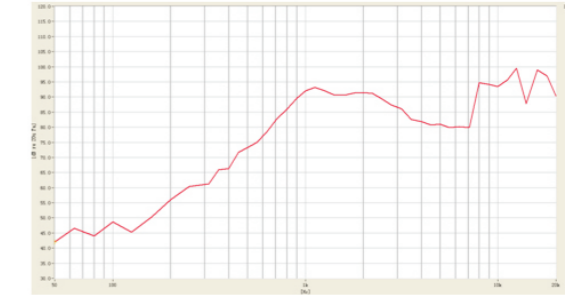


L-KLS3-YS-161453-R8W0.8

Micro Speaker 91± 3dB(0.1W/0.1M) at AVE 0.8K 1.0K 1.2K 1.5 KHz

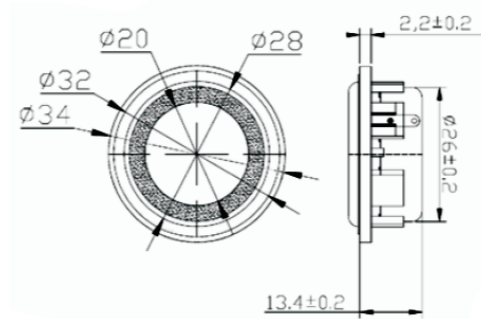


Item	specification
Dimension (mm)	16*14*5.3
Rated Power(W)	0.8
Max Power(W)	1.6
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	850±20%Hz
Frequency Range(Hz)	F0~8kHz.

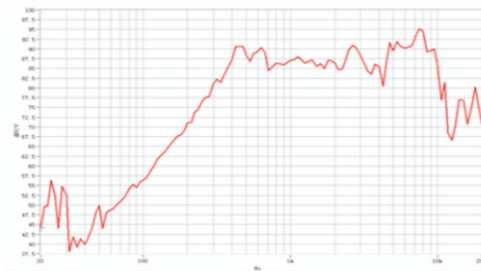


L-KLS3-MS-34014-R8W2

Multimedia Speaker 85 ± 3dB(0.1W/0.1M) average of 0.8,1.0,1.2,1.5 KHz

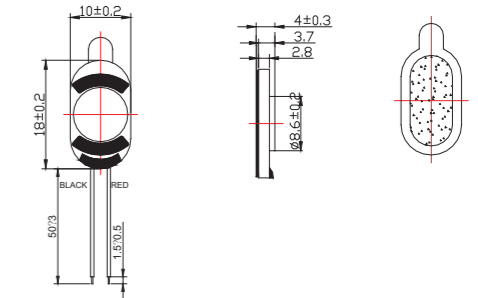


Item	specification
Dimension (mm)(D*H*T)	Φ34×14H
Rated Power(W)	2
Max Power(W)	3
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	450±20%
Frequency Range(Hz)	F0-10kHz

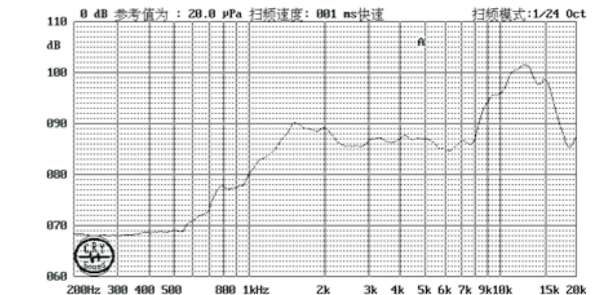


L-KLS3-YS-181004-R8W0.8

Micro Speaker 82± 3dB(0.1W/0.1M) at AVE 0.8K 1.0K 1.2K 1.5 KHz

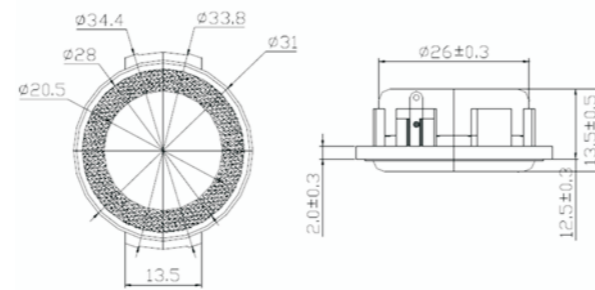


Item	specification
Dimension (mm)	18*10*4
Rated Power(W)	0.8
Max Power(W)	1
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	1400±20%Hz
Frequency Range(Hz)	F0~15kHz.

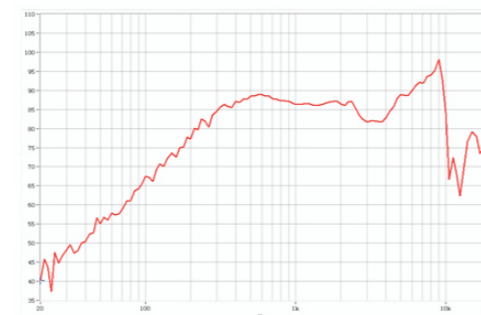


L-KLS3-MS-34014-R8W2-2

Multimedia Speaker 85 ± 3dB(0.1W/0.1M) average of 0.8,1.0,1.2,1.5 KHz

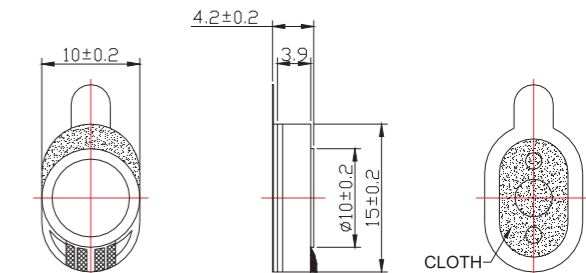


Item	specification
Dimension (mm)(D*H*T)	Φ34×14H
Rated Power(W)	2
Max Power(W)	3
Impedance(Ω)	4±15%
Resonant Freq.(Fo)(Hz)	380±20%
Frequency Range(Hz)	F0-20kHz

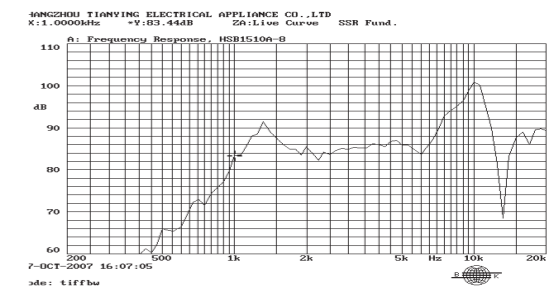


L-KLS3-YS-151042-R8W0.5

Micro Speaker 80dB(0.1W/0.1m) ± 3 dB at AVE 0.8K 1.0K 1.2K 1.5K Hz

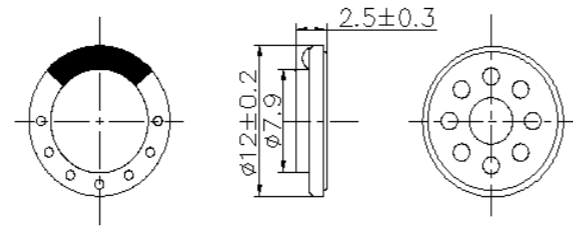
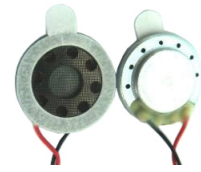


Item	specification
Dimension (mm)(D*H*T)	15*10*4.2
Rated Power(W)	0.5
Max Power(W)	0.8
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	1300±20%Hz
Frequency Range(Hz)	F0~20KHZ



L-KLS3-YS-10025-R8W0.3

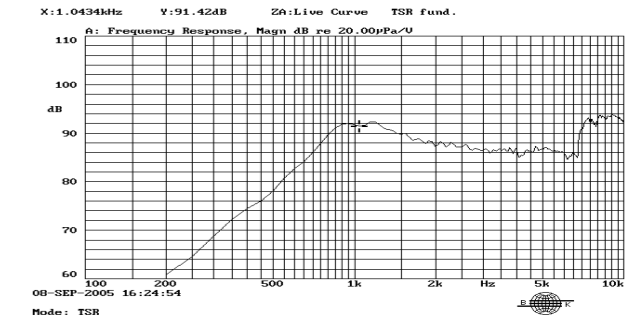
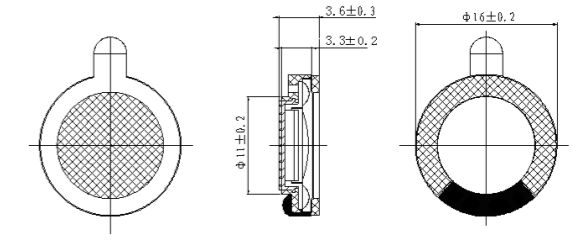
Micro Speaker 92±3 dB (0.5W/0.1m) at AVE 0.8K 1.0K 1.2K 1.5K Hz



Item	specification
Dimension (mm)(D*H*T)	Φ10*2.5
Rated Power(W)	0.3
Max Power(W)	0.5
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	1100±20%Hz
Frequency Range(Hz)	F0~20KHZ

L-KLS3-YS-16036-R8W0.6

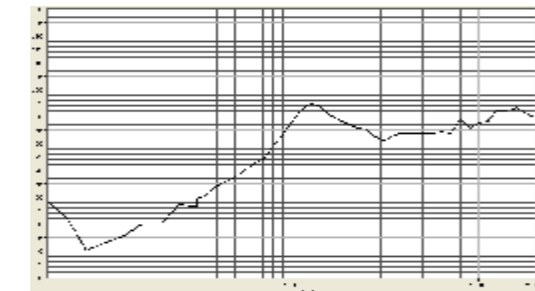
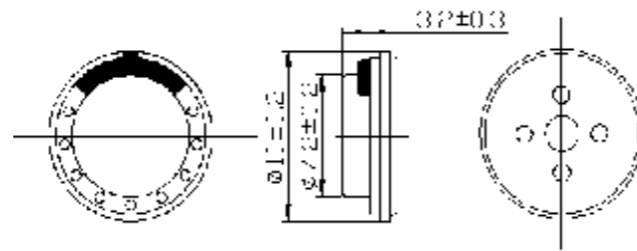
Micro Speaker 86±3 dB (0.1W/0.1m) at AVE 0.8K 1.0K 1.2K 1.5K Hz



Item	specification
Dimension (mm)(D*H*T)	Φ16*3.6
Rated Power(W)	0.6
Max Power(W)	0.8
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	700±20%Hz
Frequency Range(Hz)	F0~20KHZ

L-KLS3-YS-10032-R8W0.3

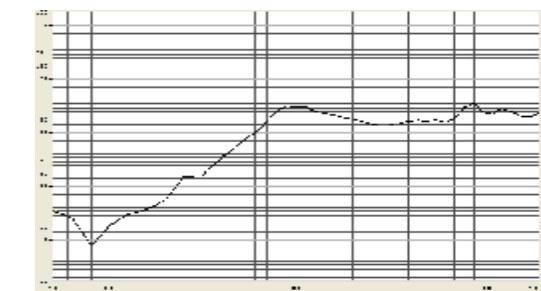
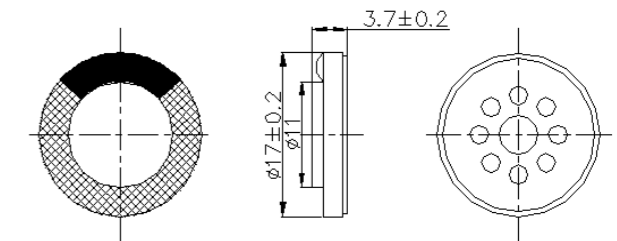
Micro Speaker 88±3 dB (0.5W/0.1m) at AVE 0.8K 1.0K 1.2K 1.5K Hz



Item	specification
Dimension (mm)(D*H*T)	Φ10*3.2
Rated Power(W)	0.3
Max Power(W)	0.5
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	1300±20%Hz
Frequency Range(Hz)	F0~20KHZ

L-KLS3-YS-17037-R8W1

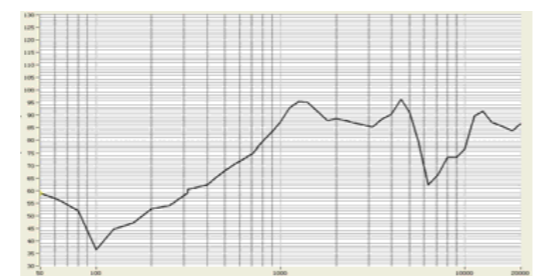
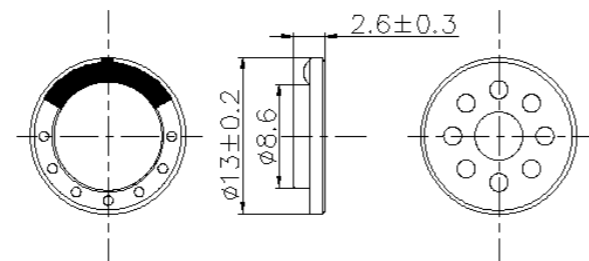
Micro Speaker 95±3 dB (0.5W/0.1m) at AVE 1.0K 1.2K 1.5K 2.0K Hz



Item	specification
Dimension (mm)(D*H*T)	Φ17*3.7
Rated Power(W)	1
Max Power(W)	1.2
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	800±20%Hz
Frequency Range(Hz)	F0~20KHZ

L-KLS3-YS-13026-R8W0.3

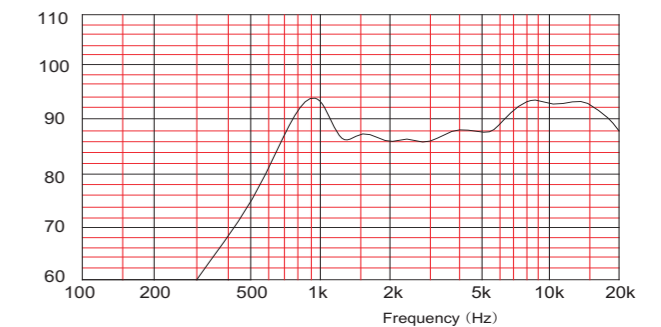
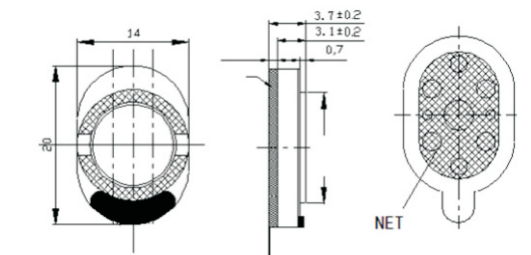
Micro Speaker 92±3 dB (0.5W/0.1m) at AVE 1.0K 1.2K 1.5K 2.0K Hz



Item	specification
Dimension (mm)(D*H*T)	Φ13*2.6
Rated Power(W)	0.3
Max Power(W)	0.5
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	1100±20%Hz
Frequency Range(Hz)	F0~20KHZ

L-KLS3-YS-201437-R8W0.7

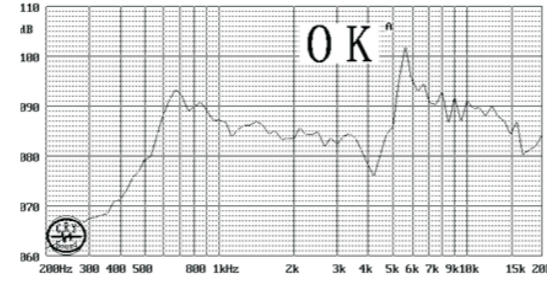
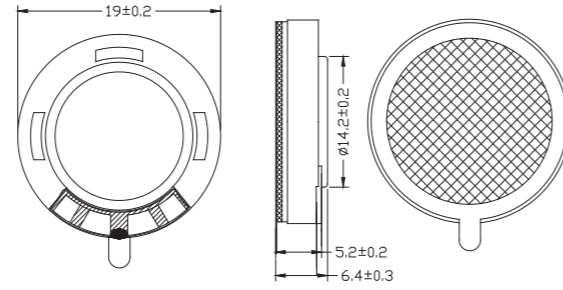
Micro Speaker 86±3 dB (0.1W/0.1M) at AVE 0.8K 1.0K 1.2K 1.5 KHz



Item	specification
Dimension (mm)	20*14*3.7
Rated Power(W)	0.7
Max Power(W)	1.2
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	1000±20%Hz
Frequency Range(Hz)	F0~20kHz.

L-KLS3-YS-19064-R8W1

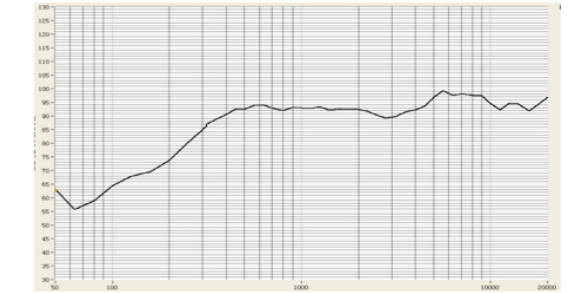
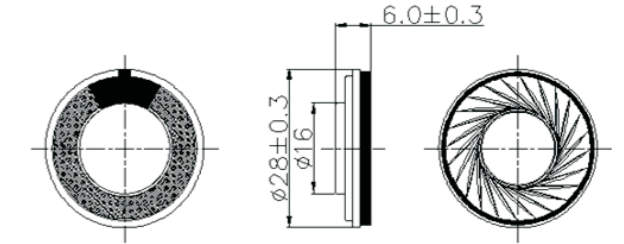
Micro Speaker 90±3dB(0.1W/0.1M) at AVE 0.8K 1.0K 1.2K 1.5 KHz



Item	specification
Dimension (mm)	Φ19*6.4
Rated Power(W)	1
Max Power(W)	1.5
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	700±20%Hz
Frequency Range(Hz)	F0~20kHz.

L-KLS3-YS-28006-R8W1

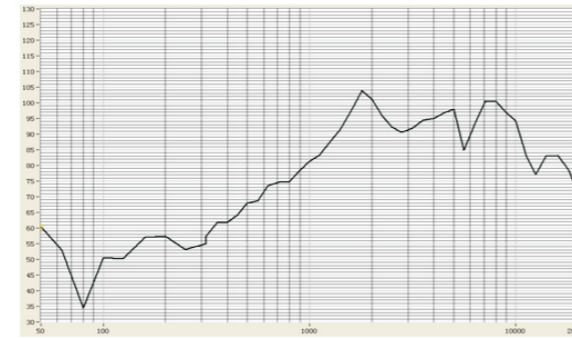
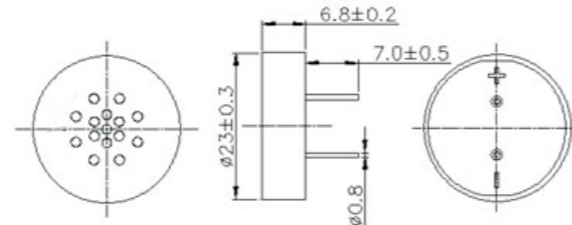
Micro Speaker 94±3dB(0.5W/0.1M) at AVE 0.8K 1.0K 1.2K 1.5 KHz



Item	specification
Dimension (mm)	Φ28*6
Rated Power(W)	1
Max Power(W)	1.5
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	520±20%Hz
Frequency Range(Hz)	F0~20KHZ

L-KLS3-YS-20068-R8W0.8

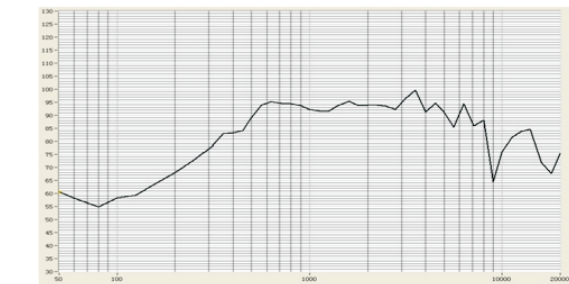
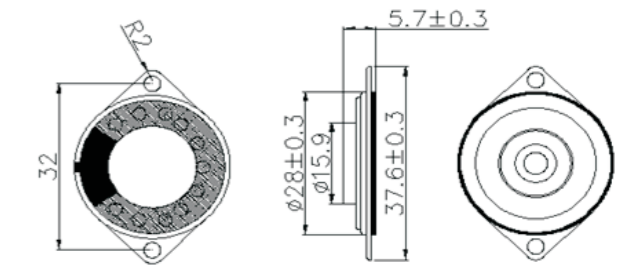
Micro Speaker 90±3dB(0.5W/0.1M) at AVE 1.0K 1.2K 1.5K 2.0 KHz



Item	specification
Dimension (mm)	Φ23*6.8
Rated Power(W)	0.8
Max Power(W)	1
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	1500±20%Hz
Frequency Range(Hz)	F0~20KHZ

L-KLS3-YS-28057-R8W2

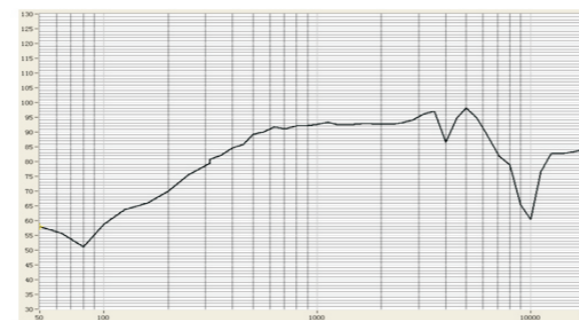
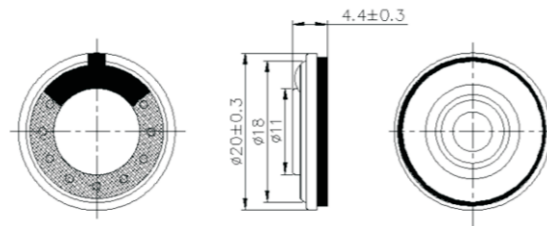
Micro Speaker 94±3dB(0.5W/0.1M) at AVE 0.8K 1.0K 1.2K 1.5 KHz



Item	specification
Dimension (mm)	Φ28*5.7
Rated Power(W)	2
Max Power(W)	2.2
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	800±20%Hz
Frequency Range(Hz)	F0~20KHZ

L-KLS3-YS-20044-R8W0.3

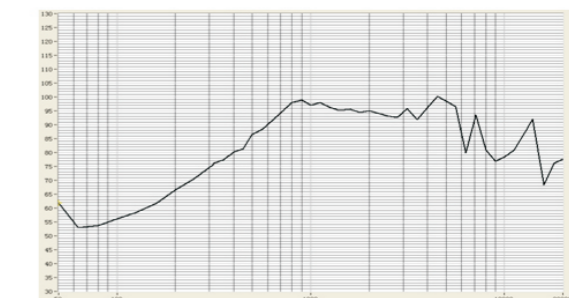
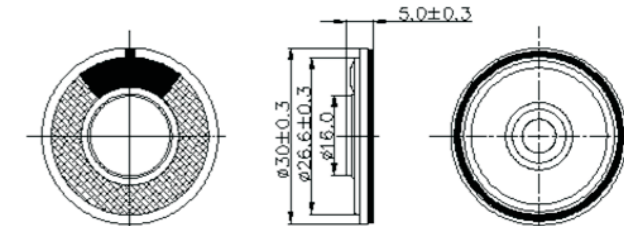
Micro Speaker 90±3dB(0.5W/0.1M) at AVE 1.0K 1.2K 1.5K 2.0 KHz



Item	specification
Dimension (mm)	Φ20*4.4
Rated Power(W)	0.3
Max Power(W)	0.5
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	600±20%Hz
Frequency Range(Hz)	F0~20KHZ

L-KLS3-YS-30005-R8W1.5

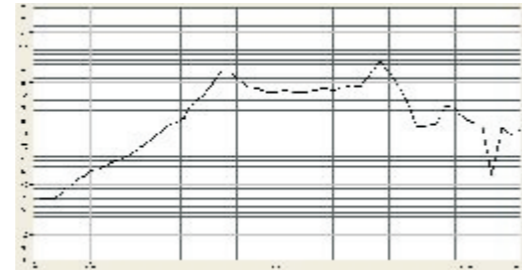
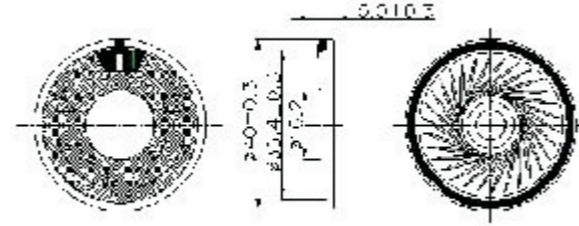
Micro Speaker 93±3dB(1.0W/0.1M) at AVE 0.8K 1.0K 1.5K 2.0 KHz



Item	specification
Dimension (mm)	Φ30*5
Rated Power(W)	1.5
Max Power(W)	2
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	800±20%Hz
Frequency Range(Hz)	F0~20KHZ

L-KLS3-YS-40005-R8W0.5

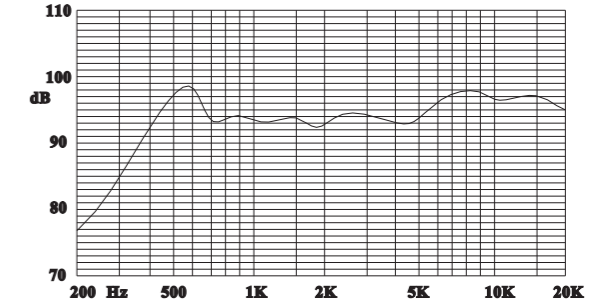
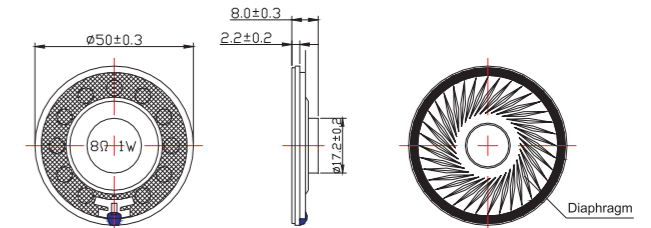
Micro Speaker 97±3 dB (1.0W/0.1m) at AVE 0.6K 0.8K 1.0K 1.2K Hz



Item	specification
Dimension (mm)(D*H*T)	Φ40*5
Rated Power(W)	0.5
Max Power(W)	1
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	550±20%Hz
Frequency Range(Hz)	F0~20KHZ

L-KLS3-YS-50008-R8W1

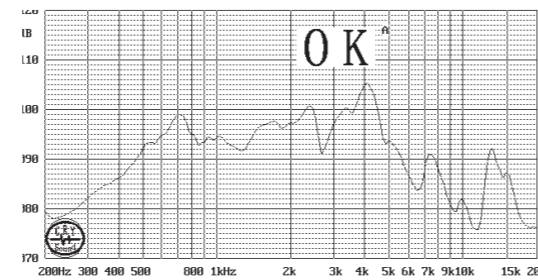
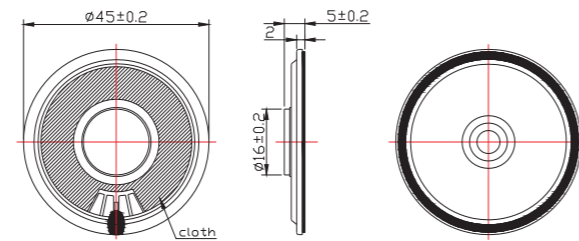
Micro Speaker 94 ± 3 dB (0.1W/0.1m) at AVE 0.8K 1.0K 1.2K 1.5K Hz



Item	specification
Dimension (mm)(D*H*T)	Φ50*8
Rated Power(W)	1
Max Power(W)	2
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	500±20%Hz
Frequency Range(Hz)	F0~10KHz

L-KLS3-YS-45005-R8W1

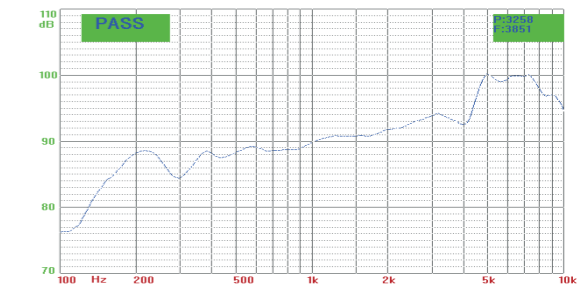
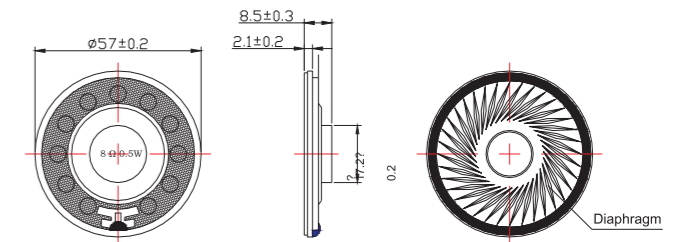
Micro Speaker 94 ± 3 dB (0.1W/0.1m) at AVE 0.8 K 1.0K 1.2K 1.5K Hz



Item	specification
Dimension (mm)(D*H*T)	Φ45*5
Rated Power(W)	1
Max Power(W)	1.5
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	580±20%Hz
Frequency Range(Hz)	F0~6kHz.

L-KLS3-YS-57085-R8W0.5

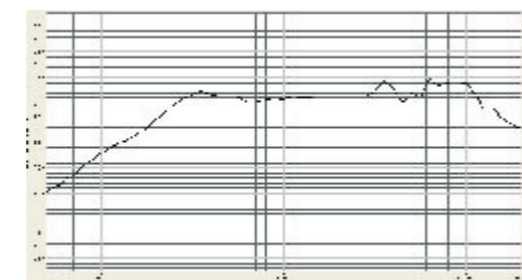
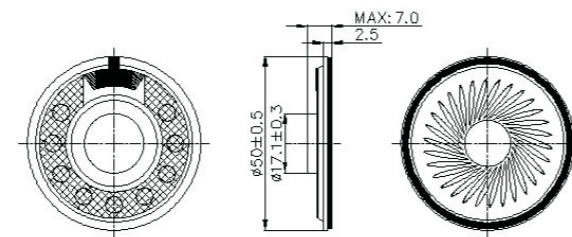
Micro Speaker 89 ± 3 dB (0.1W/0.1m) at AVE 0.8K 1.0K 1.2K 1.5K Hz



Item	specification
Dimension (mm)(D*H*T)	Φ57*8.5
Rated Power(W)	0.5
Max Power(W)	1
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	200±20%Hz
Frequency Range(Hz)	F0~20KHZ

L-KLS3-YS-50007-R8W1.5

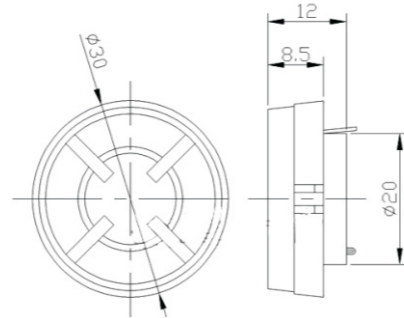
Micro Speaker 98±3 dB(0.5W/0.1m)at AVE 0.6K 0.8K 1.0K 1.2K Hz



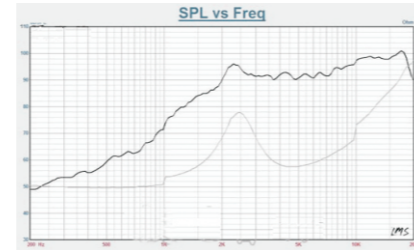
Item	specification
Dimension (mm)(D*H*T)	Φ50*7
Rated Power(W)	1.5
Max Power(W)	1.8
Impedance(Ω)	8Ω ± 15%
Resonant Freq.(Fo)(Hz)	350±20%Hz
Frequency Range(Hz)	F0~20KHZ

L-KLS3-MLS-R7W3-012

Multimedia Loudspeaker SPL : 87dB (1M/W)

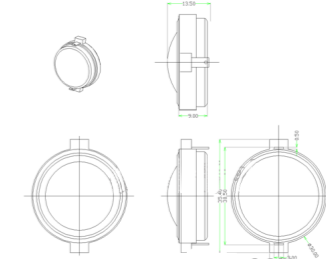


Item	Specification
	L-KLS3-MLS-R7W3-012
Dimension (inch)	1.2"
Rated Power (W)	3
Max Power (W)	6
(voice coil impedance) (Ω)	7.2
Resonant Freq. (Hz)	2.4KHz± 20%
Freq response (Hz)	2KHz~20KHz
cone /edge	mylar cone

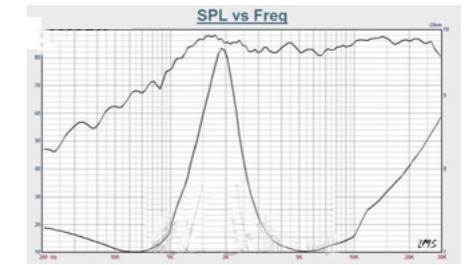


L-KLS3-MLS-R8W10-012

Multimedia Loudspeaker SPL : 86dB (1M/W)

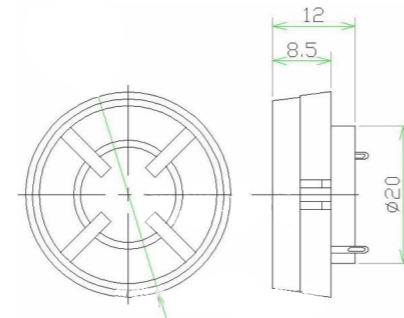


Item	Specification
	L-KLS3-MLS-R8W10-012
Dimension (inch)	1.2"
Rated Power (W)	10
Max Power (W)	20
(voice coil impedance) (Ω)	8
Resonant Freq. (Hz)	1.9KHz± 20%
Freq response (Hz)	1.9KHz~30KHz
cone /edge	silk

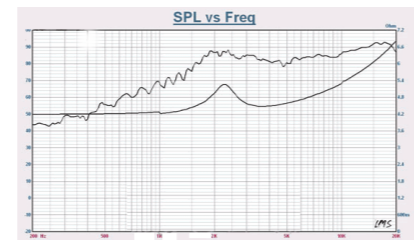


L-KLS3-MLS-R4W3-012

Multimedia Loudspeaker SPL : 85dB (1M/W)

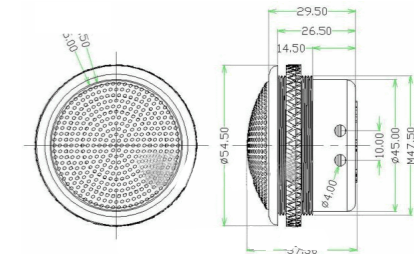


Item	Specification
	L-KLS3-MLS-R4W3-012
Dimension (inch)	1.2"
Rated Power (W)	3
Max Power (W)	6
(voice coil impedance) (Ω)	4.3
Resonant Freq. (Hz)	2KH z± 20%
Freq response (Hz)	2KHz~20KHz
cone /edge	mylar cone

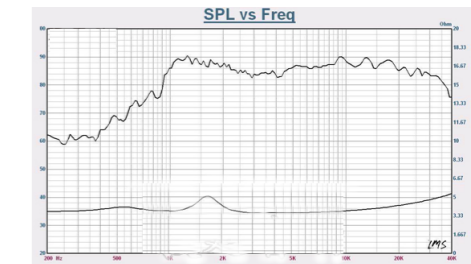


L-KLS3-MLS-R3W10-002

Multimedia Loudspeaker SPL : 90dB (1M/W)

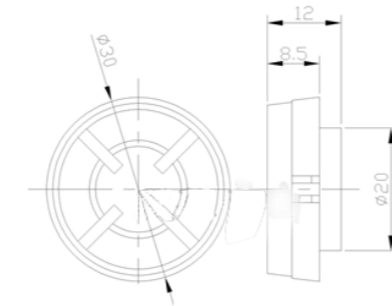


Item	Specification
	L-KLS3-MLS-R3W10-002
Dimension (inch)	2"
Rated Power (W)	10
Max Power (W)	20
(voice coil impedance) (Ω)	3.2
Resonant Freq. (Hz)	1600Hz± 20%
Freq response (Hz)	1.6Hz~30KHz
cone /edge	silk diaphragm

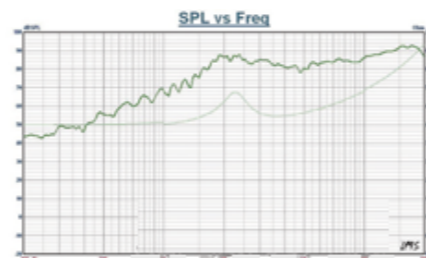


L-KLS3-MLS-R4W3-012-A

Multimedia Loudspeaker SPL : 85dB (1M/W)

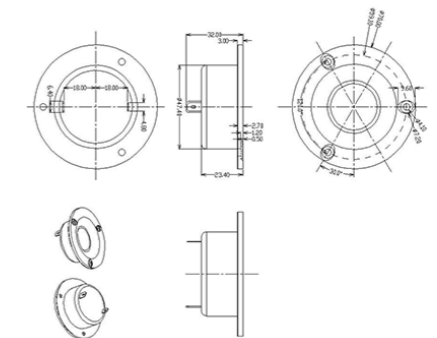


Item	Specification
	L-KLS3-MLS-R4W3-012-A
Dimension (inch)	1.2"
Rated Power (W)	3
Max Power (W)	6
(voice coil impedance) (Ω)	4.3
Resonant Freq. (Hz)	2KHz± 20%
Freq response (Hz)	2KHz~20KHz
cone /edge	mylar cone

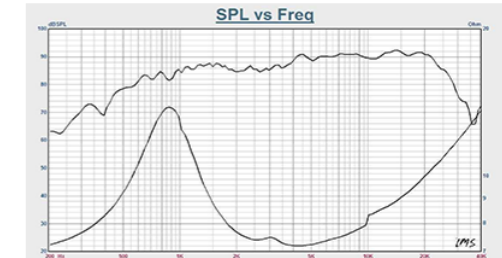


L-KLS3-MLS-R7W15-275

Multimedia Loudspeaker SPL : 91dB (1M/W)



Item	Specification
	L-KLS3-MLS-R7W15-275
Dimension (inch)	2.75"
Rated Power (W)	15
Max Power (W)	30
(voice coil impedance) (Ω)	7
Resonant Freq. (Hz)	880Hz± 20%
Freq response (Hz)	880Hz~25KHz
cone /edge	silk diaphragm

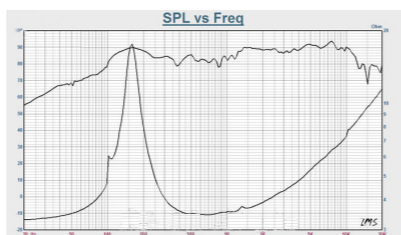
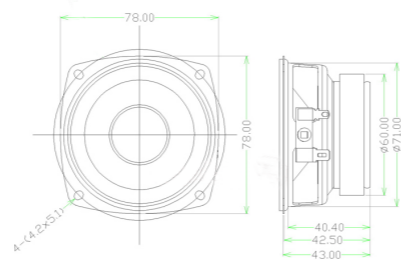


L-KLS3-MLS-R3W15-003

Multimedia Loudspeaker SPL : 87dB (1M/W)



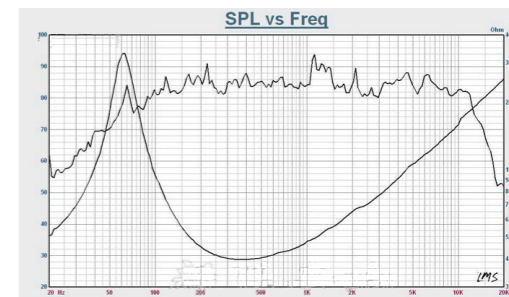
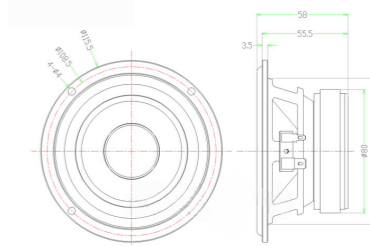
Item	Specification
	L-KLS3-MLS-R3W15-003
Dimension (inch)	3"
Rated Power (W)	15
Max Power (W)	30
(voice coil impedance) (Ω)	3.2
Resonant Freq. (Hz)	161Hz±20%
Freq response (Hz)	161Hz~14KHz
cone /edge	pp cone / cloth edge

**L-KLS3-MLS-R3.6W30-004**

Multimedia Loudspeaker SPL : 87dB (1M/W)



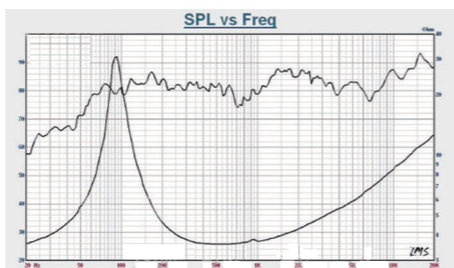
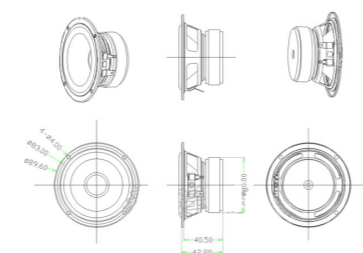
Item	Specification
	L-KLS3-MLS-R3.6W30-004
Dimension (inch)	4"
Rated Power (W)	30
Max Power (W)	60
(voice coil impedance) (Ω)	3.6
Resonant Freq. (Hz)	62 Hz± 20%
Freq response (Hz)	62 Hz~20KHz
cone /edge	paper cone / rubber edge

**L-KLS3-MLS-R3W10-035**

Multimedia Loudspeaker SPL : 86dB (1M/W)



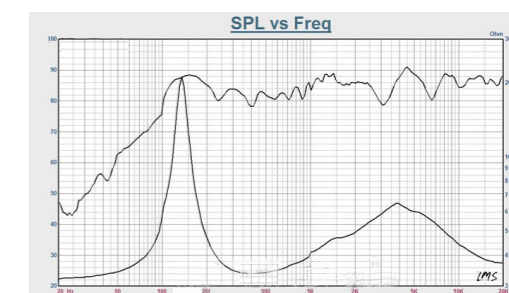
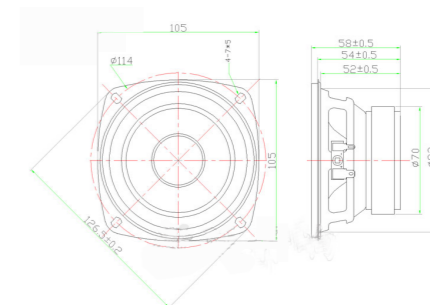
Item	Specification
	L-KLS3-MLS-R3W10-035
Dimension (inch)	3.5"
Rated Power (W)	10
Max Power (W)	20
(voice coil impedance) (Ω)	3
Resonant Freq. (Hz)	90Hz ± 20%
Freq response (Hz)	90Hz~20KHz
cone /edge	aluminum cone /rubber edge

**L-KLS3-MLS-R3W30-004**

Multimedia Loudspeaker SPL : 86dB (1M/W)



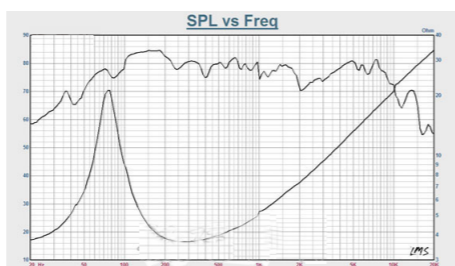
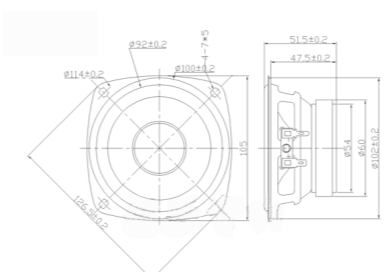
Item	Specification
	L-KLS3-MLS-R3W30-004
Dimension (inch)	4"
Rated Power (W)	30
Max Power (W)	60
(voice coil impedance) (Ω)	3.2
Resonant Freq. (Hz)	135Hz±20%
Freq response (Hz)	135Hz~6KHz
cone /edge	pp cone / rubber edge

**L-KLS3-MLS-R3W10-004**

Multimedia Loudspeaker SPL : 86dB (1M/W)



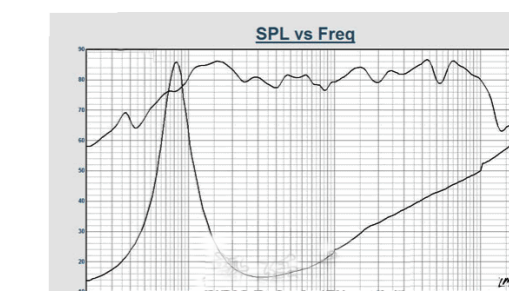
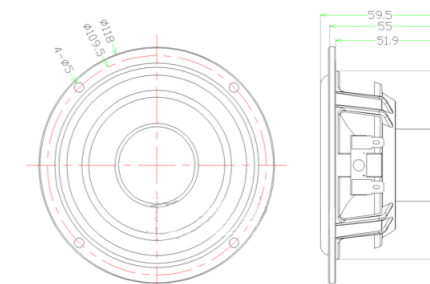
Item	Specification
	L-KLS3-MLS-R3W10-004
Dimension (inch)	4"
Rated Power (W)	10
Max Power (W)	20
(voice coil impedance) (Ω)	3.4
Resonant Freq. (Hz)	77Hz ± 20%
Freq response (Hz)	77Hz~10KHz
cone /edge	paper cone / foam edge

**L-KLS3-MLS-R6W30-045**

Multimedia Loudspeaker SPL : 85dB (1M/W)

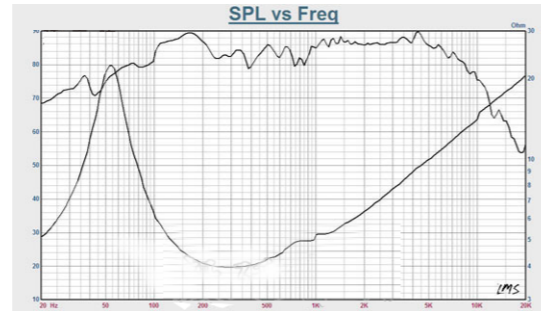
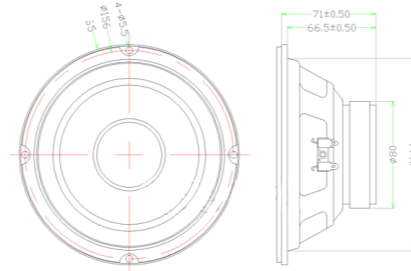


Item	Specification
	L-KLS3-MLS-R6W30-045
Dimension (inch)	4.5"
Rated Power (W)	30
Max Power (W)	60
(voice coil impedance) (Ω)	6
Resonant Freq. (Hz)	83Hz ± 20%
Freq response (Hz)	83Hz~13KHz
cone /edge	paper cone / rubber edge



L-KLS3-MLS-R4W20-065

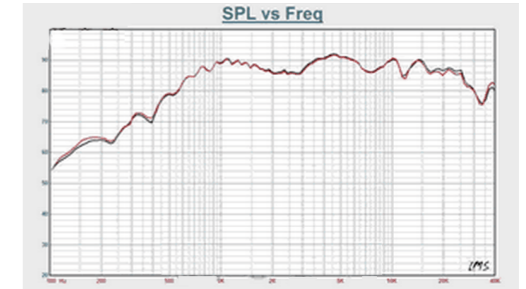
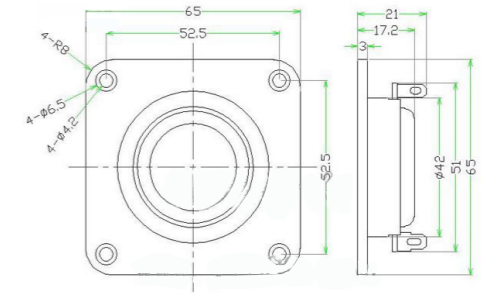
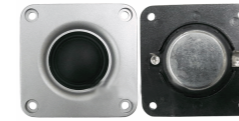
Multimedia Loudspeaker SPL : 90.5dB (1M/W)



Item	Specification
	L-KLS3-MLS-R4W20-065
Dimension (inch)	6.5"
Rated Power (W)	20
Max Power (W)	40
(voice coil impedance) (Ω)	4
Resonant Freq. (Hz)	55Hz± 20%
Freq response (Hz)	55Hz~8.5KHz
cone /edge	paper cone / rubber edge

L-KLS3-HTS-R3.6W15-025

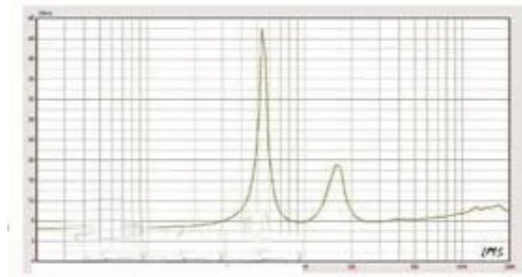
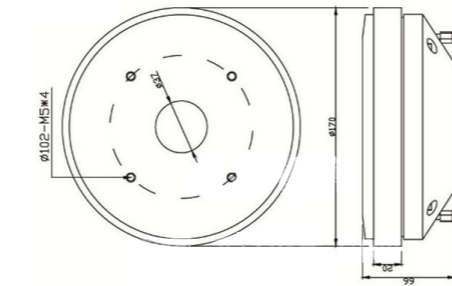
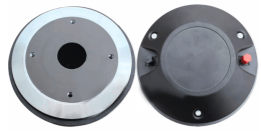
Home Theatre Speaker systems SPL : 90dB (1M/W)



Item	Specification
	L-KLS3-MLS-R3.6W15-025
Dimension (inch)	2.5"
Rated Power (W)	15
Max Power (W)	30
(voice coil impedance) (Ω)	3.6
Resonant Freq. (Hz)	1.8KHz± 20%
Freq response (Hz)	1.8KHz~20KHz
cone /edge	silk

L-KLS3-MLS-R8W100-065

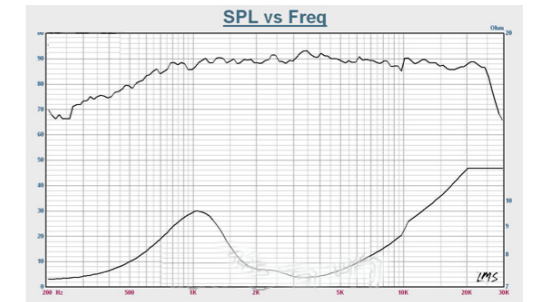
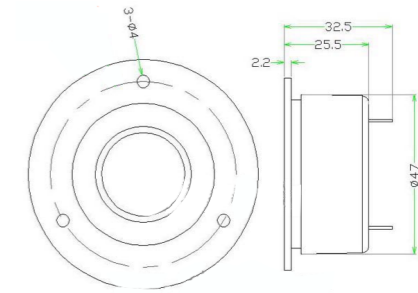
Multimedia Loudspeaker SPL : 108dB (1M/W)



Item	Specification
	L-KLS3-MLS-R8W100-065
Dimension (inch)	6.5"
Rated Power (W)	100
Max Power (W)	200
(voice coil impedance) (Ω)	8
Resonant Freq. (Hz)	500Hz ± 20%
Freq response (Hz)	500Hz~18KHz
cone /edge	aluminum diaphragm

L-KLS3-HTS-R6W15-275

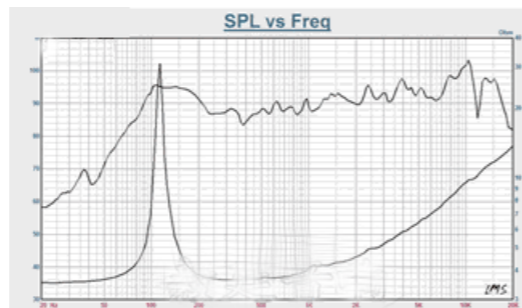
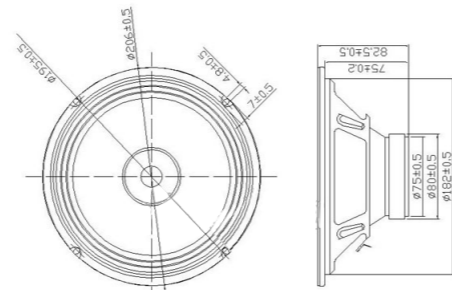
Home Theatre Speaker systems SPL : 90dB (1M/W)



Item	Specification
	L-KLS3-HTS-R6W15-275
Dimension (inch)	2.75"
Rated Power (W)	15
Max Power (W)	30
(voice coil impedance) (Ω)	6
Resonant Freq. (Hz)	1KHz ± 20%
Freq response (Hz)	1KHz~25KHz
cone /edge	silk diaphragm

L-KLS3-MLS-R3.6W30-008

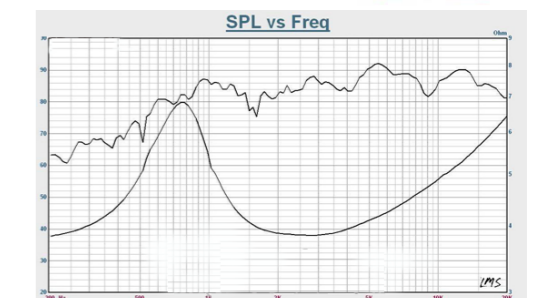
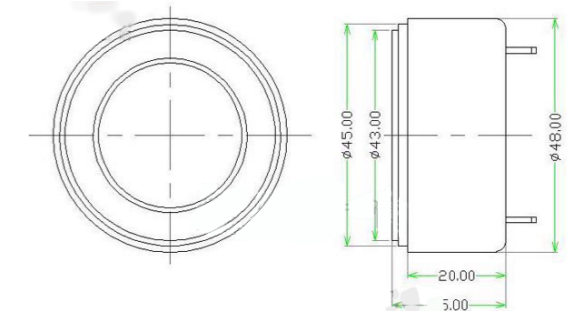
Multimedia Loudspeaker SPL : 92dB (1M/W)



Item	Specification
	L-KLS3-MLS-R3.6W30-008
Dimension (inch)	8"
Rated Power (W)	30
Max Power (W)	60
(voice coil impedance) (Ω)	3.4
Resonant Freq. (Hz)	113Hz ± 20%
Freq response (Hz)	113Hz~20KHz
cone /edge	whole paper cone

L-KLS3-HTS-R3.6W15-177

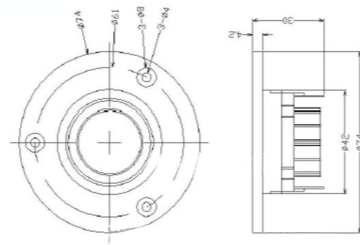
Home Theatre Speaker systems SPL : 87dB (1M/W)



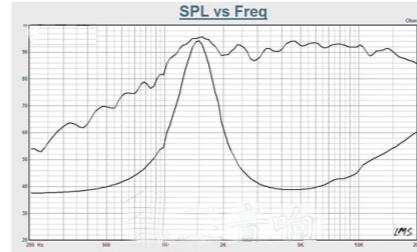
Item	Specification
	L-KLS3-HTS-R3.6W15-177
Dimension (inch)	1.77"
Rated Power (W)	15
Max Power (W)	30
(voice coil impedance) (Ω)	3.6
Resonant Freq. (Hz)	750KHz ± 20%
Freq response (Hz)	750KHz~20KHz
cone /edge	silk diaphragm

L-KLS3-HTS-R3W15-003

Home Theatre Speaker systems SPL: 90dB (1M/W)

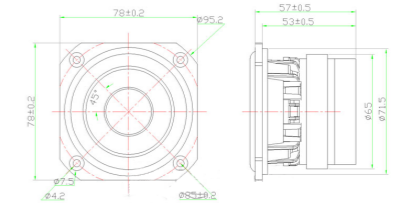


Item	Specification
	L-KLS3-HTS-R3W15-003
Dimension (inch)	3"
Rated Power (W)	15
Max Power (W)	30
(voice coil impedance) (Ω)	3
Resonant Freq. (Hz)	1.5KHz± 20%
Freq response (Hz)	1.5KHz~20KHz
cone /edge	silk

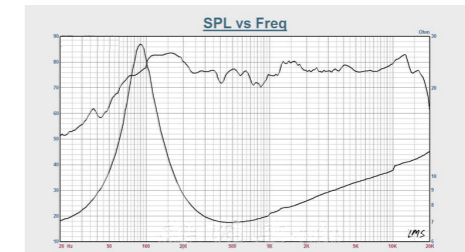


L-KLS3-HTS-R6W20-003-A

Home Theatre Speaker systems SPL:83dB (1M/W)

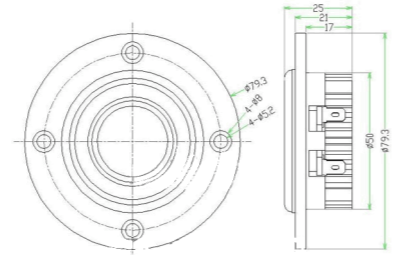
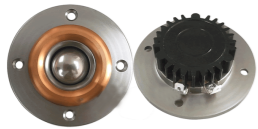


Item	Specification
	L-KLS3-HTS-R6W20-003-A
Dimension (inch)	3"
Rated Power (W)	20
Max Power (W)	40
(voice coil impedance) (Ω)	6
Resonant Freq. (Hz)	89Hz ± 20%
Freq response (Hz)	89Hz~18KHz
cone /edge	Aluminum cone/ rubber edge

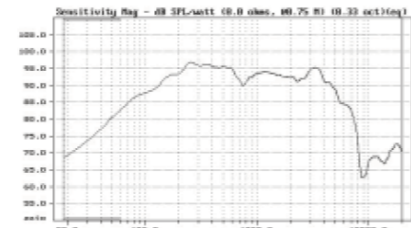


L-KLS3-HTS-R4W30-003

Home Theatre Speaker systems SPL: 106dB(1M/W)

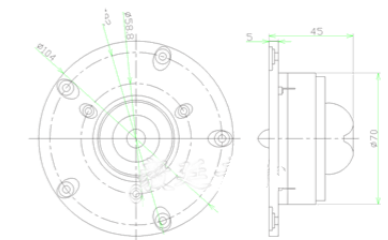


Item	Specification
	L-KLS3-HTS-R4W30-003
Dimension (inch)	3"
Rated Power (W)	30
Max Power (W)	60
(voice coil impedance) (Ω)	4
Resonant Freq. (Hz)	2KHz± 20%
Freq response (Hz)	2KHz~16KHz
cone /edge	luminum diaphragm

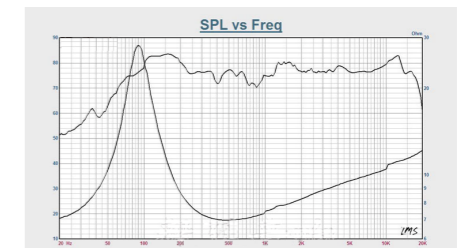


L-KLS3-HTS-R3W20-004

Home Theatre Speaker systems SPL: 85dB (1M/W)

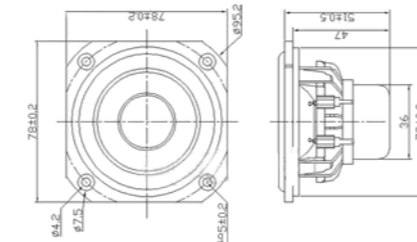


Item	Specification
	L-KLS3-HTS-R3W20-004
Dimension (inch)	4"
Rated Power (W)	20
Max Power (W)	40
(voice coil impedance) (Ω)	3
Resonant Freq. (Hz)	550Hz ± 20%
Freq response (Hz)	550Hz~40KHz
cone /edge	silk diaphragm

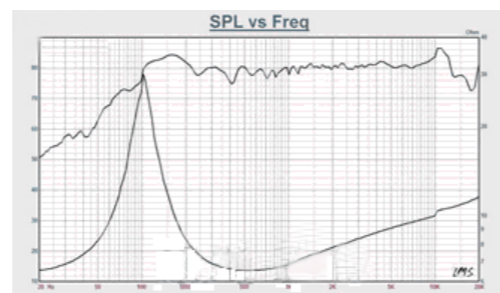


L-KLS3-HTS-R6W20-003

Home Theatre Speaker systems SPL: 82dB(1M/W)

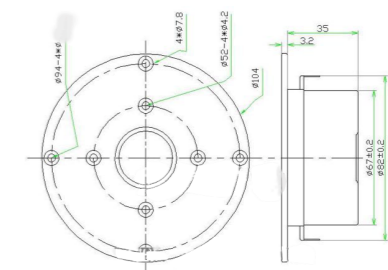
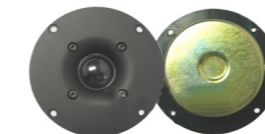


Item	Specification
	L-KLS3-HTS-R6W20-003
Dimension (inch)	3"
Rated Power (W)	20
Max Power (W)	40
(voice coil impedance) (Ω)	6
Resonant Freq. (Hz)	102KHz± 20%
Freq response (Hz)	102KHz~20KHz
cone /edge	aluminum cone/ rubber edge

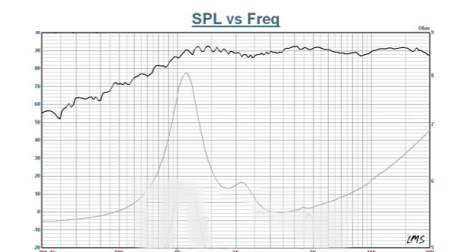


L-KLS3-HTS-R6W20-004

Home Theatre Speaker systems SPL: 90dB (1M/W)

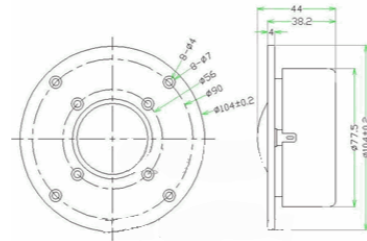


Item	Specification
	L-KLS3-HTS-R6W20-004
Dimension (inch)	4"
Rated Power (W)	20
Max Power (W)	40
(voice coil impedance) (Ω)	6
Resonant Freq. (Hz)	1300Hz ± 20%
Freq response (Hz)	1300Hz~20KHz
cone /edge	paper cone/ foam edge

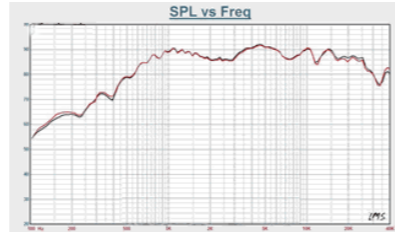


L-KLS3-HTS-R2.9W15-004

Home Theatre In Wall Speakers SPL: 85dB (1M/W)

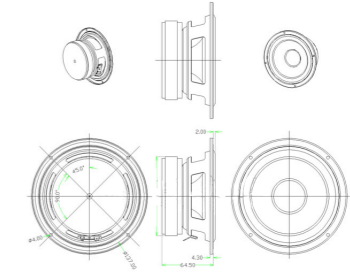


Item	Specification
	L-KLS3-HTS-R2.9W15-004
Dimension (inch)	2.9"
Rated Power (W)	20
Max Power (W)	40
(voice coil impedance) (Ω)	2.9
Resonant Freq. (Hz)	550Hz ± 20%
Freq response (Hz)	550 Hz~ 40KHz
cone /edge	aluminum with silk edge

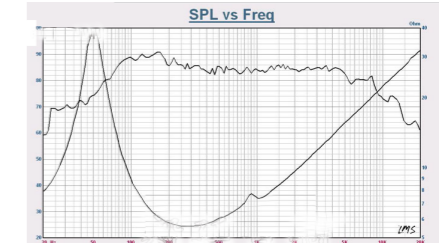


L-KLS3-HTS-R3W40-525

Home Theatre Speaker systems SPL:88dB (1M/W)

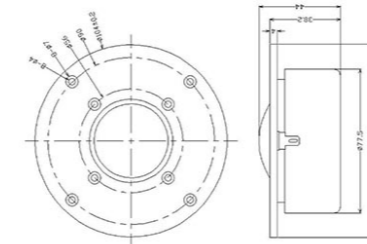


Item	Specification
	L-KLS3-HTS-R3W40-525
Dimension (inch)	5.25"
Rated Power (W)	40
Max Power (W)	80
(voice coil impedance) (Ω)	4.8
Resonant Freq. (Hz)	49Hz ± 20%
Freq response (Hz)	49Hz~20KHz
cone /edge	paper cone/ rubber edge



L-KLS3-HTS-R5W15-004

Home Theatre In Wall Speakers SPL: 90dB(1M/W)

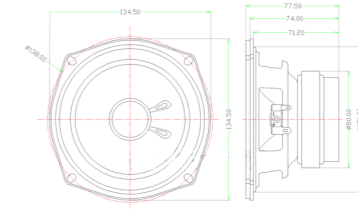


Item	Specification
	L-KLS3-HTS-R5W15-004
Dimension (inch)	4"
Rated Power (W)	15
Max Power (W)	30
(voice coil impedance) (Ω)	5.2
Resonant Freq. (Hz)	940Hz ± 20%
Freq response (Hz)	940Hz~40KHz
cone /edge	aluminum with silk edge

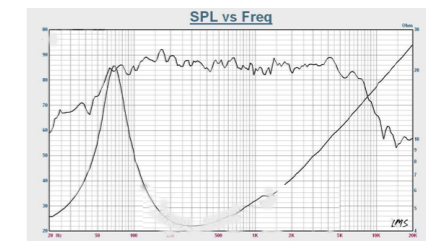


L-KLS3-HTS-R3W30-525

Home Theatre Speaker systems SPL: 87dB (1M/W)

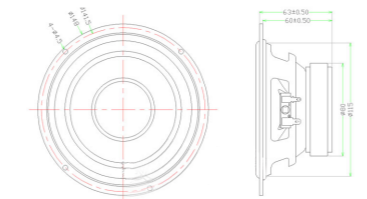


Item	Specification
	L-KLS3-HTS-R3W30-525
Dimension (inch)	5.25"
Rated Power (W)	30
Max Power (W)	60
(voice coil impedance) (Ω)	3
Resonant Freq. (Hz)	70Hz ± 20%
Freq response (Hz)	70Hz~8KHz
cone /edge	pp cone foam edge

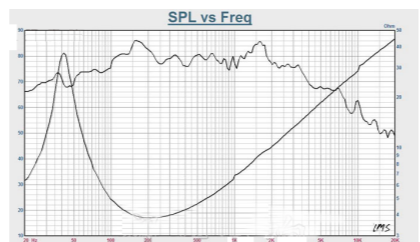


L-KLS3-HTS-R3.6W40-045

Home Theatre Speaker systems SPL: 88dB(1M/W)

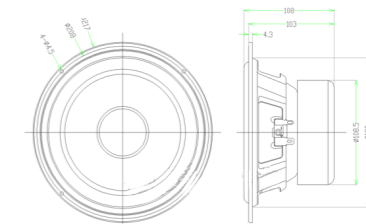


Item	Specification
	L-KLS3-HTS-R3.6W40-045
Dimension (inch)	4.5"
Rated Power (W)	30
Max Power (W)	60
(voice coil impedance) (Ω)	3.6
Resonant Freq. (Hz)	41Hz ± 20%
Freq response (Hz)	65Hz~5KHz
cone /edge	Paper cone / rubber edge

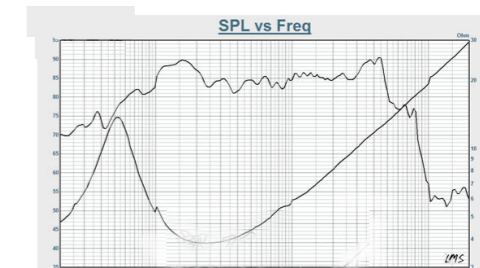


L-KLS3-HTS-R3W60-008

Home Theatre Speaker systems SPL: 88dB (1M/W)

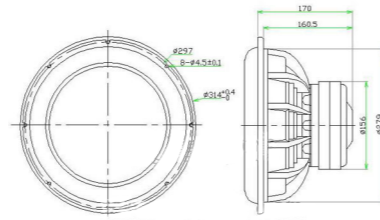


Item	Specification
	L-KLS3-HTS-R3W60-008
Dimension (inch)	8"
Rated Power (W)	60
Max Power (W)	100
(voice coil impedance) (Ω)	3.4
Resonant Freq. (Hz)	34 Hz ± 20%
Freq response (Hz)	34Hz~4KHz
cone /edge	fiber glass cone/ rubber edge

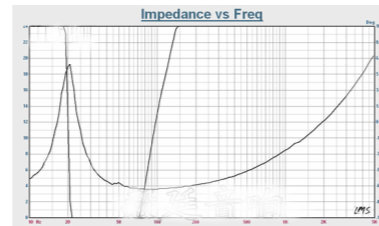


L-KLS3-HTS-R3W200-012

Home Theatre Speaker systems SPL: 85dB (1M/W)

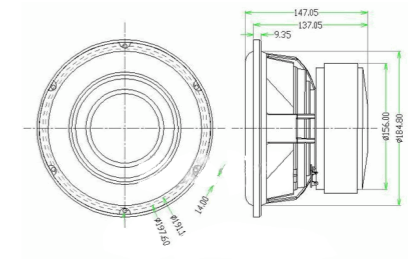


Item	Specification
	L-KLS3-HTS-R3W200-012
Dimension (inch)	12"
Rated Power (W)	200
Max Power (W)	400
(voice coil impedance) (Ω)	3
Resonant Freq. (Hz)	23 Hz ± 20%
Freq response (Hz)	23Hz~2.5KHz
cone /edge	aluminum cone / rubber surround

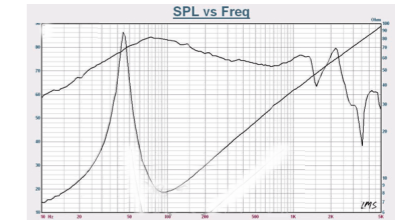


L-KLS3-CSS-R7W250-008

Car Subwoofer Speaker SPL:82dB (1M/W)

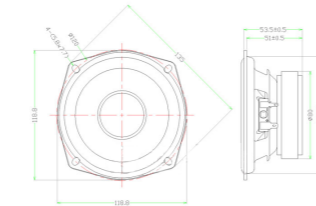


Item	Specification
	L-KLS3-CSS-R7W250-008
Dimension (inch)	8"
Rated Power (W)	250
Max Power (W)	300
(voice coil impedance) (Ω)	7
Resonant Freq. (Hz)	45 Hz ± 20%
Freq response (Hz)	45Hz~1.5KHz
cone /edge	paper cone/ foam edge

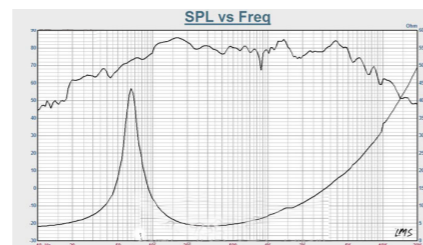


L-KLS3-CSS-R3.6W30-045

Car Subwoofer Speaker SPL: 88dB(1M/W)

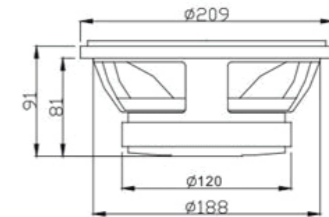


Item	Specification
	L-KLS3-CSS-R3.6W30-045
Dimension (inch)	4.5"
Rated Power (W)	30
Max Power (W)	60
(voice coil impedance) (Ω)	3.6
Resonant Freq. (Hz)	65Hz ± 20%
Freq response (Hz)	65Hz~5KHz
cone /edge	paper cone / rubber edge

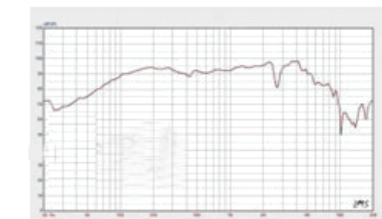


L-KLS3-CSS-R8W50-008

Car Subwoofer Speaker SPL: 92dB (1M/W)

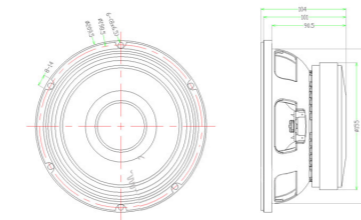


Item	Specification
	L-KLS3-CSS-R8W50-008
Dimension (inch)	8"
Rated Power (W)	50
Max Power (W)	100
(voice coil impedance) (Ω)	8
Resonant Freq. (Hz)	40Hz ± 20%
Freq response (Hz)	40Hz~3KHz
cone /edge	paper cone/ cloth edge

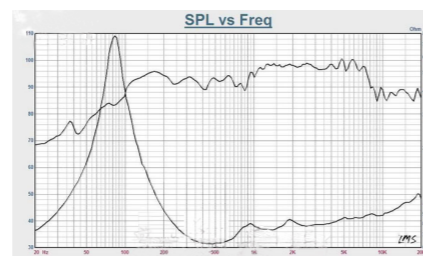


L-KLS3-CSS-R4W50-008

Car Subwoofer Speaker SPL: 96dB(1M/W)

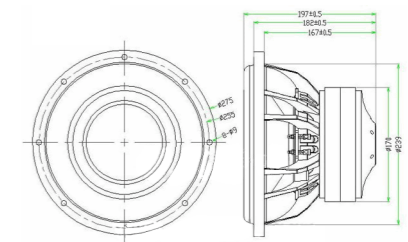


Item	Specification
	L-KLS3-CSS-R4W50-008
Dimension (inch)	8"
Rated Power (W)	50
Max Power (W)	100
(voice coil impedance) (Ω)	4
Resonant Freq. (Hz)	92Hz ± 20%
Freq response (Hz)	92 Hz ~8KHz
cone /edge	paper cone / cloth edge

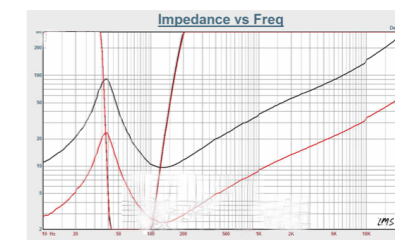


L-KLS3-CSS-R4W500-010

Car Subwoofer Speaker SPL: 86dB (1M/W)

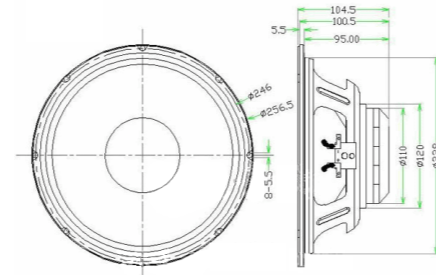


Item	Specification
	L-KLS3-CSS-R4W500-010
Dimension (inch)	10"
Rated Power (W)	500
Max Power (W)	1000
(voice coil impedance) (Ω)	4+4
Resonant Freq. (Hz)	38Hz ± 20%
Freq response (Hz)	38Hz~3.5KHz
cone /edge	fiberglass cone / foam surround

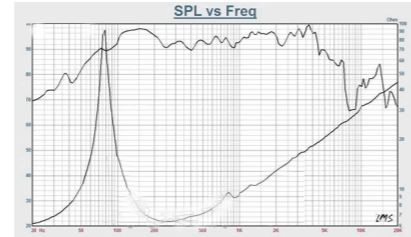


L-KLS3-CSS-R6W75-010

Car Subwoofer Speaker SPL: 95dB (1M/W)

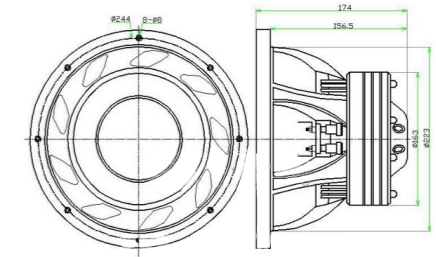


Item	Specification
	L-KLS3-CSS-R6W75-010
Dimension (inch)	10"
Rated Power (W)	75
Max Power (W)	150
(voice coil impedance) (Ω)	6
Resonant Freq. (Hz)	79Hz±20%
Freq response (Hz)	79Hz~6KHz
cone /edge	paper cone / cloth edge

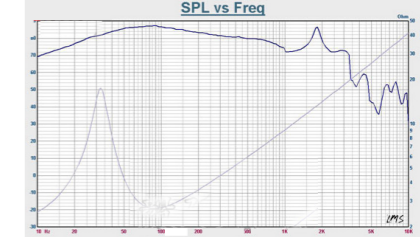


L-KLS3-CSS-R3.6W300-010

Car Subwoofer Speaker SPL: 85dB (1M/W)

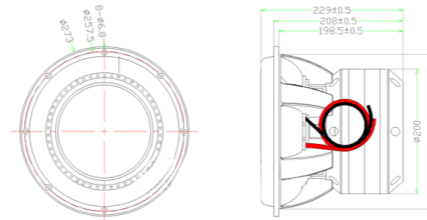


Item	Specification
	L-KLS3-CSS-R3.6W300-010
Dimension (inch)	10"
Rated Power (W)	300
Max Power (W)	600
(voice coil impedance) (Ω)	3.6+3.6
Resonant Freq. (Hz)	30Hz±20%
Freq response (Hz)	30Hz~3KHz
cone /edge	fiber glass cone / foam edge



L-KLS3-CSS-R2W1500-010

Car Subwoofer Speaker SPL: 84dB (1M/W)

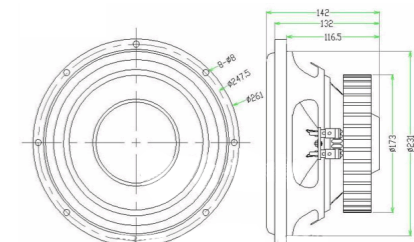


Item	Specification
	L-KLS3-CSS-R2W1500-010
Dimension (inch)	10"
Rated Power (W)	1500
Max Power (W)	3000
(voice coil impedance) (Ω)	2+2
Resonant Freq. (Hz)	41Hz±20%
Freq response (Hz)	41Hz~1.5KHz
cone /edge	paper cone / foam surround

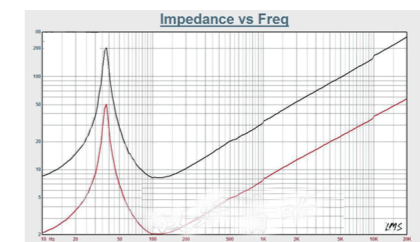


L-KLS3-CSS-R3W200-010

Car Subwoofer Speaker SPL: 88dB (1M/W)

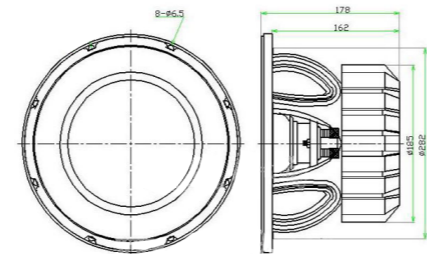


Item	Specification
	L-KLS3-CSS-R3W200-010
Dimension (inch)	10"
Rated Power (W)	200
Max Power (W)	400
(voice coil impedance) (Ω)	3
Resonant Freq. (Hz)	38Hz±20%
Freq response (Hz)	38Hz~1.5KHz
cone /edge	paper cone / rubber edge

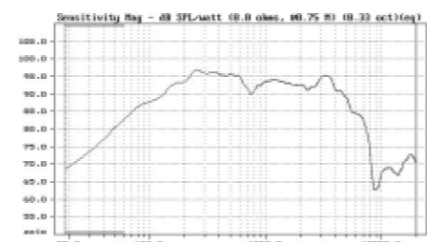


L-KLS3-CSS-R4W250-010

Car Subwoofer Speaker SPL: 85dB (1M/W)

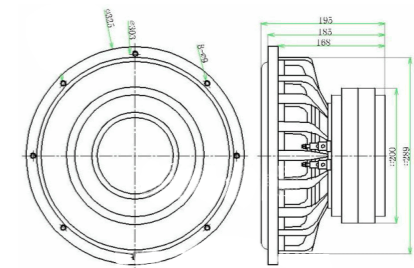


Item	Specification
	L-KLS3-CSS-R4W250-010
Dimension (inch)	10"
Rated Power (W)	250
Max Power (W)	500
(voice coil impedance) (Ω)	4
Resonant Freq. (Hz)	30Hz±20%
Freq response (Hz)	30Hz~1.5KHz
cone /edge	aluminum cone / rubber edge

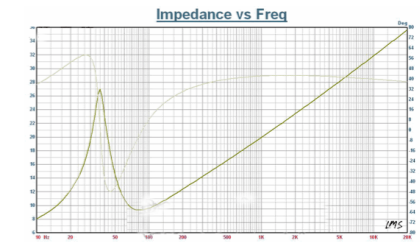


L-KLS3-CSS-R6W1200-012

Car Subwoofer Speaker SPL: 86dB (1M/W)

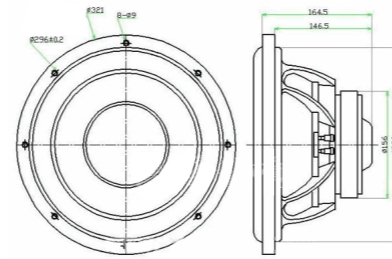


Item	Specification
	L-KLS3-CSS-R6W1200-012
Dimension (inch)	12"
Rated Power (W)	1200
Max Power (W)	2400
(voice coil impedance) (Ω)	6
Resonant Freq. (Hz)	36Hz±20%
Freq response (Hz)	36Hz~1KHz
cone /edge	paper cone / foam surround

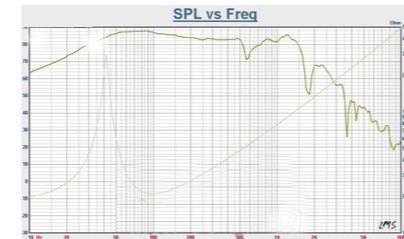


L-KLS3-CSS-R6W300-012

Car Subwoofer Speaker SPL: 87dB (1M/W)

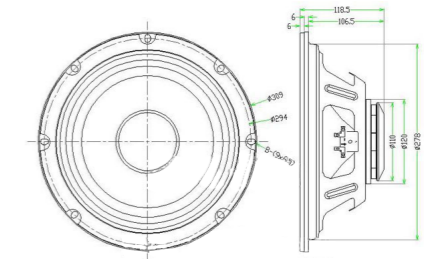


Item	Specification
	L-KLS3-CSS-R6W300-012
Dimension (inch)	12"
Rated Power (W)	300
Max Power (W)	600
(voice coil impedance) (Ω)	6
Resonant Freq. (Hz)	38Hz±20%
Freq response (Hz)	38Hz~1.5KHz
cone /edge	paper cone / foam surround

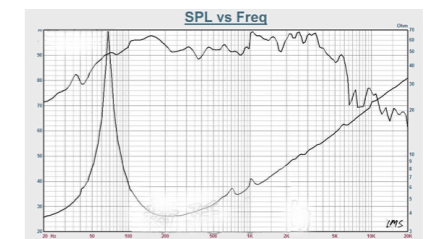


L-KLS3-CSS-R3.4W75-012

Car Subwoofer Speaker SPL: 95dB (1M/W)

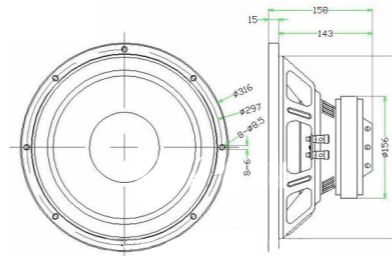


Item	Specification
	L-KLS3-CSS-R3.4W75-012
Dimension (inch)	12"
Rated Power (W)	75
Max Power (W)	150
(voice coil impedance) (Ω)	3.4
Resonant Freq. (Hz)	68Hz±20%
Freq response (Hz)	68Hz~6KHz
cone /edge	pape cone / cloth surround

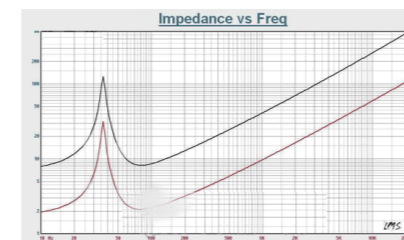


L-KLS3-CSS-R3.4W200-012

Car Subwoofer Speaker SPL: 87dB (1M/W)

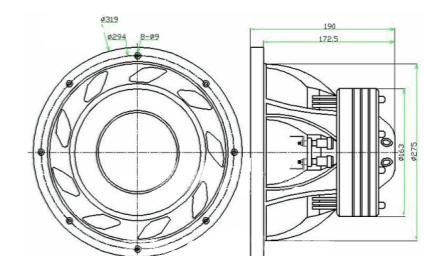


Item	Specification
	L-KLS3-CSS-R3.4W200-0120
Dimension (inch)	12"
Rated Power (W)	200
Max Power (W)	400
(voice coil impedance) (Ω)	3.4
Resonant Freq. (Hz)	37Hz±20%
Freq response (Hz)	37Hz~1.5KHz
cone /edge	pp cone / foam edge

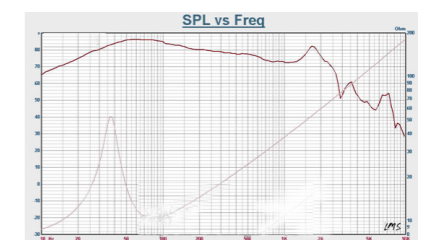


L-KLS3-CSS-R3.6W300-012

Car Subwoofer Speaker SPL: 86dB (1M/W)

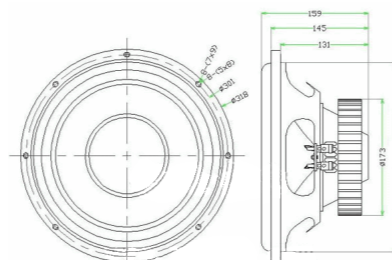


Item	Specification
	L-KLS3-CSS-R3.6W300-012
Dimension (inch)	12"
Rated Power (W)	300
Max Power (W)	600
(voice coil impedance) (Ω)	3.6
Resonant Freq. (Hz)	35Hz±20%
Freq response (Hz)	35Hz~2.5KHz
cone /edge	fiberglass cone / rubber surround

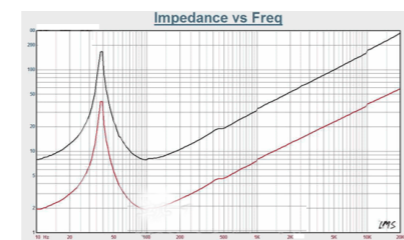


L-KLS3-CSS-R8W250-012

Car Subwoofer Speaker SPL: 89dB (1M/W)

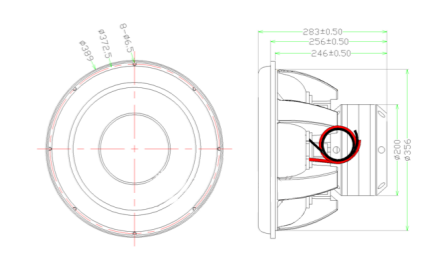


Item	Specification
	L-KLS3-CSS-R8W250-012
Dimension (inch)	12"
Rated Power (W)	250
Max Power (W)	500
(voice coil impedance) (Ω)	8
Resonant Freq. (Hz)	40Hz±20%
Freq response (Hz)	40Hz~1.5KHz
cone /edge	papper cone / foam edge

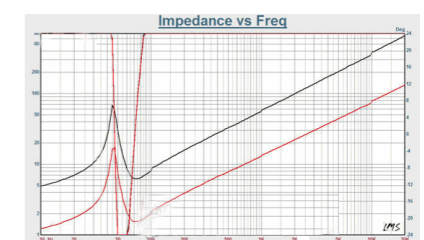


L-KLS3-CSS-R2W1500-015

Car Subwoofer Speaker SPL: 88dB (1M/W)

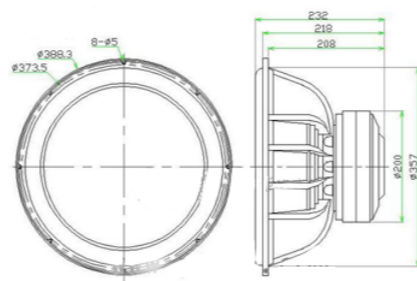


Item	Specification
	L-KLS3-CSS-R2W1500-015
Dimension (inch)	15"
Rated Power (W)	1500
Max Power (W)	3000
(voice coil impedance) (Ω)	2
Resonant Freq. (Hz)	44Hz±20%
Freq response (Hz)	44Hz~1.5KHz
cone /edge	paper cone / foam surround

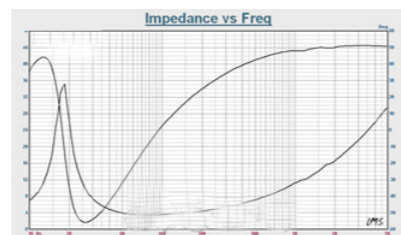


L-KLS3-CSS-R3W400-015

Car Subwoofer Speaker SPL: 88dB (1M/W)

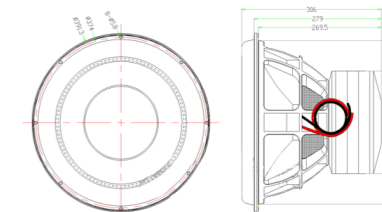


Item	Specification
	L-KLS3-CSS-R3W400-015
Dimension (inch)	15"
Rated Power (W)	400
Max Power (W)	800
(voice coil impedance) (Ω)	3
Resonant Freq. (Hz)	19Hz±20%
Freq response (Hz)	19Hz~2.5KHz
cone /edge	aluminum cone/ rubber edge

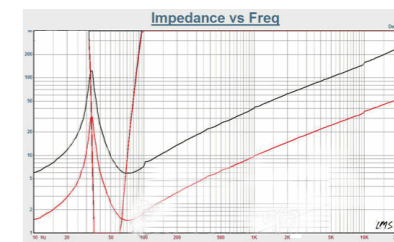


L-KLS3-CSS-R2W2500-015

Car Subwoofer Speaker SPL: 90dB (1M/W)

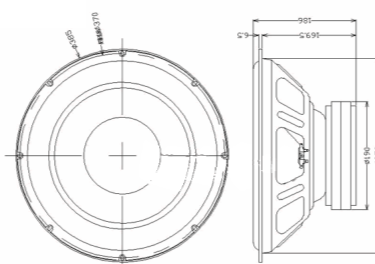


Item	Specification
	L-KLS3-CSS-R2W2500-015
Dimension (inch)	15"
Rated Power (W)	2500
Max Power (W)	5000
(voice coil impedance) (Ω)	2
Resonant Freq. (Hz)	34Hz±20%
Freq response (Hz)	34Hz~3KHz
cone /edge	non press cone / foam surround

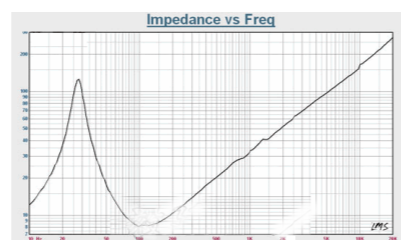


L-KLS3-CSS-R6W250-015

Car Subwoofer Speaker SPL: 93dB (1M/W)

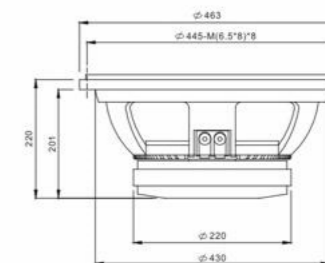


Item	Specification
	L-KLS3-CSS-R6W250-015
Dimension (inch)	15"
Rated Power (W)	250
Max Power (W)	500
(voice coil impedance) (Ω)	6
Resonant Freq. (Hz)	28Hz±20%
Freq response (Hz)	28Hz~1.5KHz
cone /edge	paper cone / foam surround

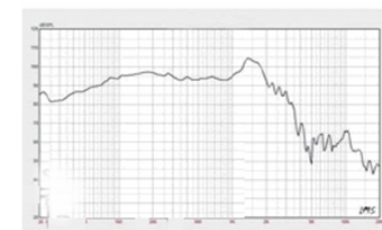


L-KLS3-CSS-R8W500-018

Car Subwoofer Speaker SPL: 96dB (1M/W)

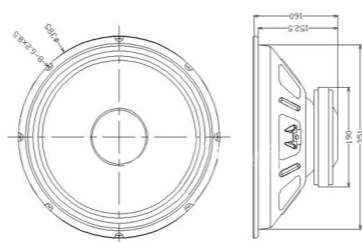


Item	Specification
	L-KLS3-CSS-R8W500-018
Dimension (inch)	18"
Rated Power (W)	500
Max Power (W)	1000
(voice coil impedance) (Ω)	8
Resonant Freq. (Hz)	40Hz±20%
Freq response (Hz)	40Hz~2KHz
cone /edge	paper cone / cloth surround

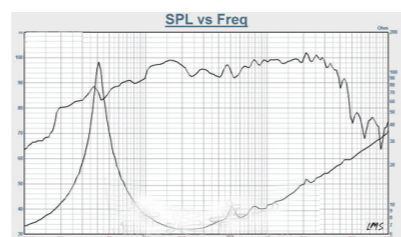


L-KLS3-CSS-R6W400-015

Car Subwoofer Speaker SPL: 97dB (1M/W)

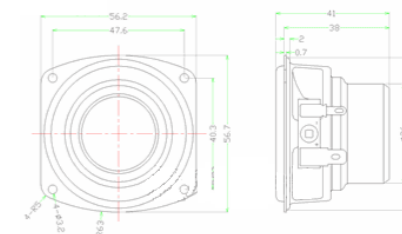


Item	Specification
	L-KLS3-CSS-R6W400-015
Dimension (inch)	15"
Rated Power (W)	400
Max Power (W)	800
(voice coil impedance) (Ω)	6
Resonant Freq. (Hz)	41Hz±20%
Freq response (Hz)	41Hz~4.5KHz
cone /edge	paper cone/ cloth edge

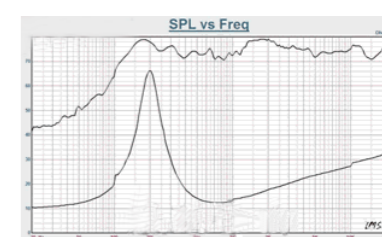


L-KLS3-CSS-R3.6W10-225

Car Loudspeaker SPL: 80dB (1M/W)

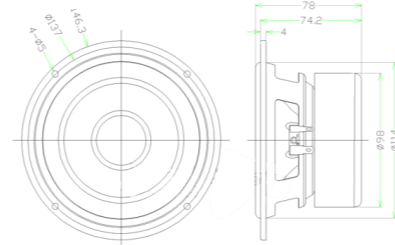


Item	Specification
	L-KLS3-CSS-R3.6W10-225
Dimension (inch)	2.25"
Rated Power (W)	10
Max Power (W)	20
(voice coil impedance) (Ω)	3.6
Resonant Freq. (Hz)	198Hz±20%
Freq response (Hz)	198Hz~20KHz
cone /edge	aluminum cone / rubber edge

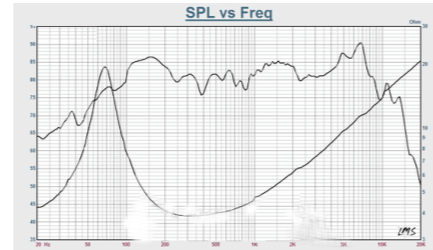


L-KLS3-CSS-R3.6W35-525

Car Loudspeaker SPL : 87dB (1M/W)

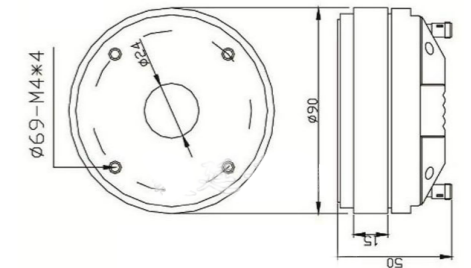
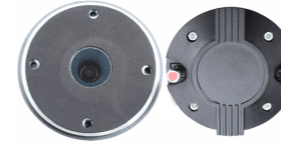


Item	Specification
	L-KLS3-CSS-R3.6W35-525
Dimension (inch)	5.25"
Rated Power (W)	35
Max Power (W)	70
(voice coil impedance) (Ω)	3.6
Resonant Freq. (Hz)	70Hz ± 20%
Freq response (Hz)	70Hz~13KHz
cone /edge	fiberglass cone / rubber edge

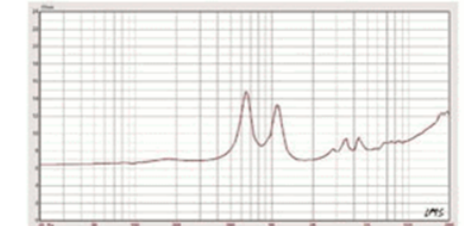


L-KLS3-CTS-R6W40-138

Car Tweeter Speaker SPL : 102 dB(1M/W)

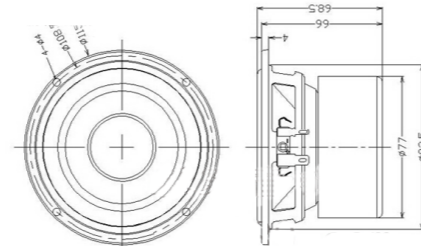


Item	Specification
	L-KLS3-CTS-R6W40-138
Dimension (inch)	1.38"
Rated Power (W)	40
Max Power (W)	80
(voice coil impedance) (Ω)	6
Resonant Freq. (Hz)	500 Hz ± 20%
Freq response (Hz)	500 Hz~18KHz
cone /edge	mylar cone

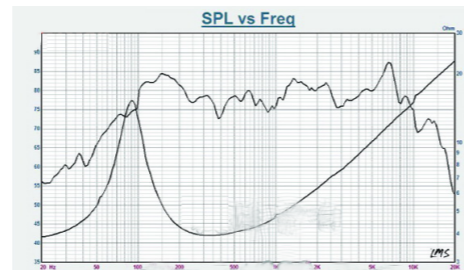


L-KLS3-CSS-R3.6W20-045

Car Loudspeaker SPL : 84dB (1M/W)

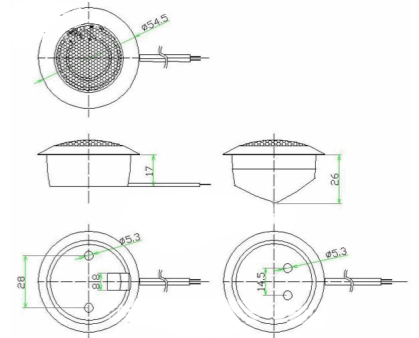


Item	Specification
	L-KLS3-CSS-R3.6W20-045
Dimension (inch)	4.5"
Rated Power (W)	20
Max Power (W)	40
(voice coil impedance) (Ω)	3.6
Resonant Freq. (Hz)	89Hz ± 20%
Freq response (Hz)	89Hz~9KHz
cone /edge	paper cone/ foam surround

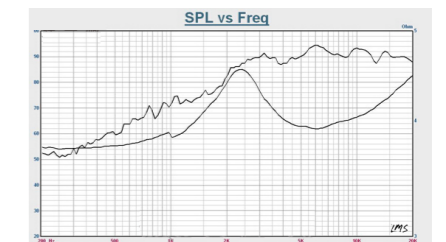


L-KLS3-CTS-R3W10-002

Car Tweeter Speaker SPL: 90 dB (1M/W)

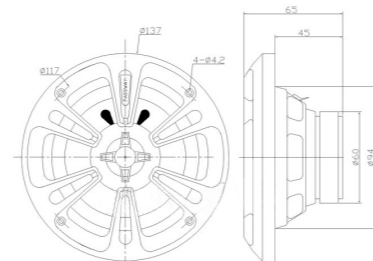


Item	Specification
	L-KLS3-CTS-R3W10-002
Dimension (inch)	2"
Rated Power (W)	10
Max Power (W)	20
(voice coil impedance) (Ω)	3
Resonant Freq. (Hz)	2.4KHz ± 20%
Freq response (Hz)	2.4KHz~20KHz
cone /edge	TRANSPARENT SILK

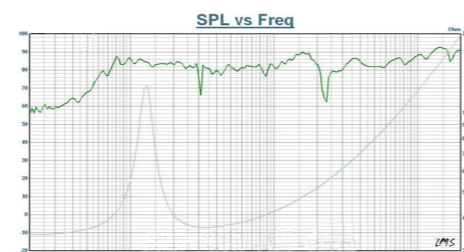


L-KLS3-CSS-R3.6W20-005

Car Loudspeaker SPL : 83 dB (1M/W)

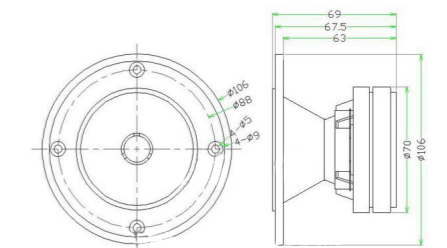


Item	Specification
	L-KLS3-CSS-R3.6W20-005
Dimension (inch)	5"
Rated Power (W)	20
Max Power (W)	40
(voice coil impedance) (Ω)	3.6
Resonant Freq. (Hz)	67Hz ± 20%
Freq response (Hz)	130Hz~20KHz
cone /edge	PP cone / foam edge

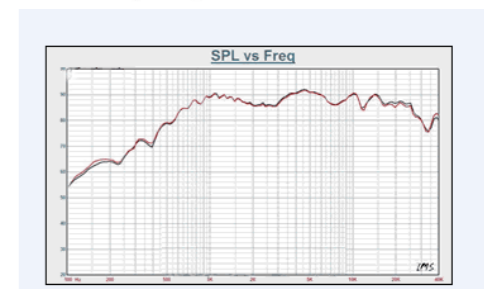


L-KLS3-CTS-R3.6W30-004

Car Tweeter Speaker SPL 106 dB(1M/W)



Item	Specification
	L-KLS3-CTS-R3.6W30-004
Dimension (inch)	4"
Rated Power (W)	30
Max Power (W)	60
(voice coil impedance) (Ω)	4
Resonant Freq. (Hz)	20KHz ± 20%
Freq response (Hz)	2KHz~12KHz
cone /edge	/

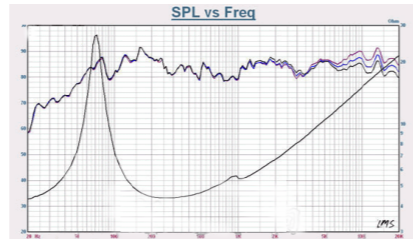
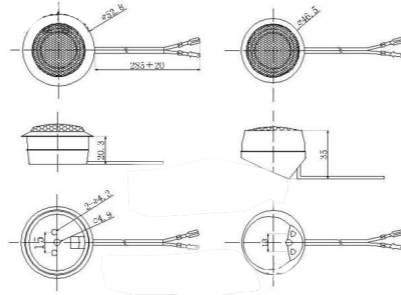


L-KLS3-CTS-R3.6W40-065

Car Tweeter Speaker SPL: 88 dB (1M/W)



Item	Specification
	L-KLS3-CSS-R3.6W40-065
Dimension (inch)	6.5"
Rated Power (W)	40
Max Power (W)	80
(voice coil impedance) (Ω)	3.6
Resonant Freq. (Hz)	1800Hz± 20%
Freq response (Hz)	1800Hz~20KHz
cone /edge	silk diaphragm

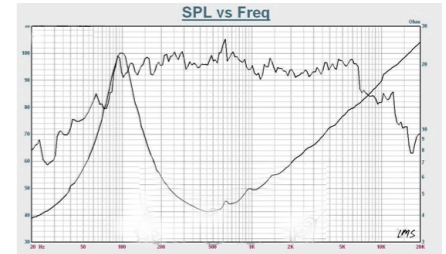
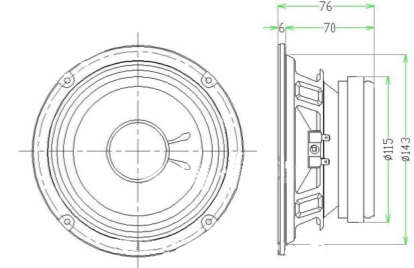


L-KLS3-CMS-R3W50-065

Car Mid Bass Speaker SPL: 94 dB (1M/W)



Item	Specification
	L-KLS3-CMS-R3W50-065
Dimension (inch)	6.5"
Rated Power (W)	50
Max Power (W)	100
(voice coil impedance) (Ω)	3
Resonant Freq. (Hz)	100Hz± 20%
Freq response (Hz)	100Hz~12KHz
cone /edge	paper cone / Cloth surround

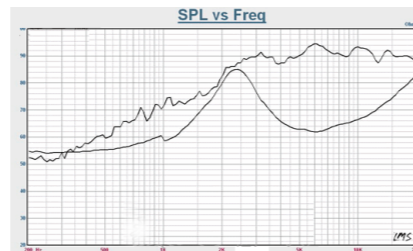
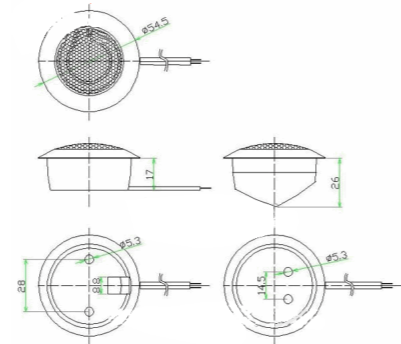


L-KLS3-CTS-R3.6W40-065-A

Car Tweeter Speaker SPL: 88 dB (1M/W)



Item	Specification
	L-KLS3-CSS-R3.6W40-065-A
Dimension (inch)	6.5"
Rated Power (W)	40
Max Power (W)	80
(voice coil impedance) (Ω)	3.6
Resonant Freq. (Hz)	2KHz± 20%
Freq response (Hz)	2KHz~10KHz
cone /edge	silk diaphragm

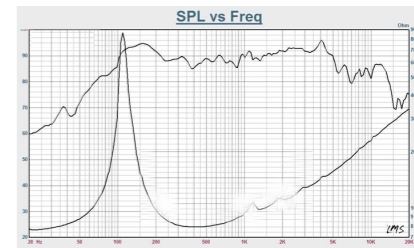
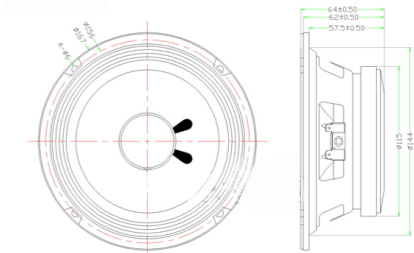


L-KLS3-CMS-R7.2W100-065

Car Mid Bass Speaker SPL: 91 dB(1M/W)



Item	Specification
	L-KLS3-CMS-R7.2W100-065
Dimension (inch)	6.5"
Rated Power (W)	100
Max Power (W)	200
(voice coil impedance) (Ω)	7.2
Resonant Freq. (Hz)	110Hz ± 20%
Freq response (Hz)	110Hz~13KHz
cone /edge	paper cone / Cloth edge

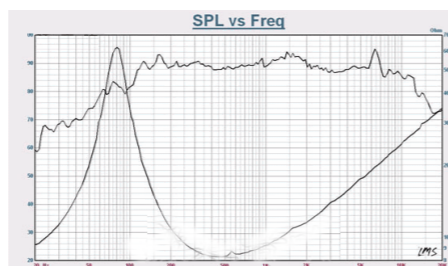
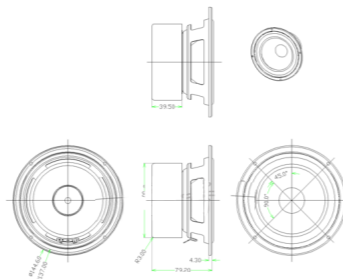


L-KLS3-CMS-R7.2W30-525

Car Mid Bass Speaker SPL: 92 dB (1M/W)



Item	Specification
	L-KLS3-CMS-R7.2W30-525
Dimension (inch)	5.25"
Rated Power (W)	30
Max Power (W)	60
(voice coil impedance) (Ω)	7.2
Resonant Freq. (Hz)	80Hz± 20%
Freq response (Hz)	80Hz~13KHz
cone /edge	paper cone / Cloth edge

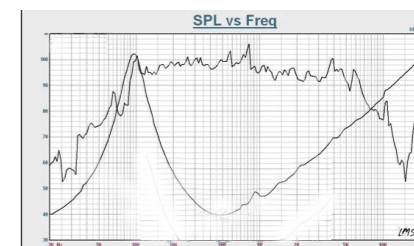
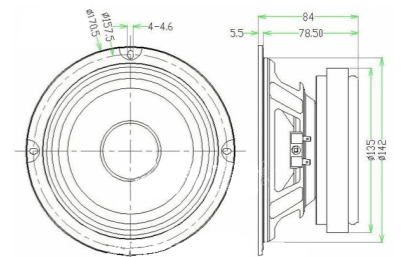


L-KLS3-CMS-R3.4W50-065

Car Mid Bass Speaker SPL: 94 dB(1M/W)

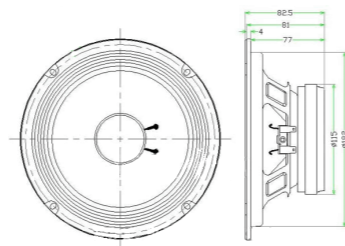


Item	Specification
	L-KLS3-CMS-R3.4W50-065
Dimension (inch)	6.5"
Rated Power (W)	50
Max Power (W)	100
(voice coil impedance) (Ω)	3.4
Resonant Freq. (Hz)	95 Hz ± 20%
Freq response (Hz)	95Hz~7KHz
cone /edge	paper cone / Cloth surround

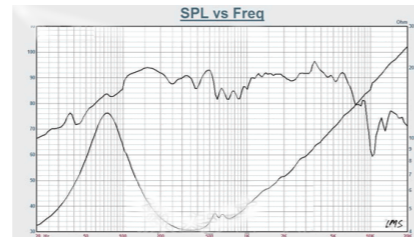


L-KLS3-CMS-R3.4W50-008

Car Mid Bass Speaker SPL: 94 dB (1M/W)

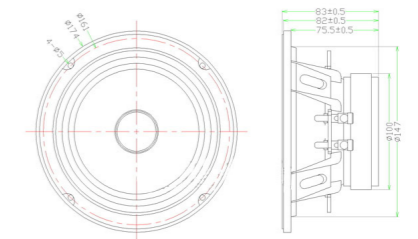


Item	Specification
	L-KLS3-CMS-R3.4W50-008
Dimension (inch)	8"
Rated Power (W)	50
Max Power (W)	100
(voice coil impedance) (Ω)	3.4
Resonant Freq. (Hz)	75KHz± 20%
Freq response (Hz)	75Hz~7KHz
cone /edge	cloth surround/paper cone

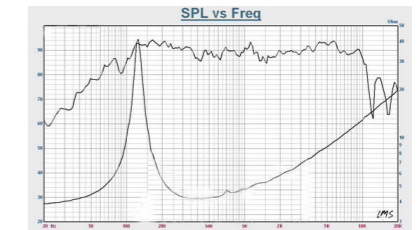


L-KLS3-CMS-R4W40-065-A

Car Midrange Speaker SPL: 93 dB (1M/W)

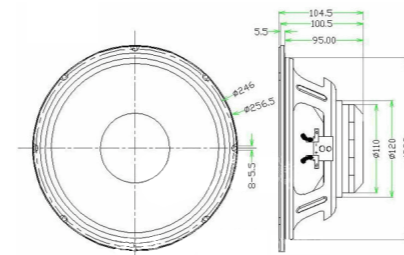


Item	Specification
	L-KLS3-CMS-R4W40-065-A
Dimension (inch)	6.5"
Rated Power (W)	40
Max Power (W)	80
(voice coil impedance) (Ω)	4
Resonant Freq. (Hz)	126Hz± 20%
Freq response (Hz)	126Hz~10KHz
cone /edge	paper cone / flat foam surround

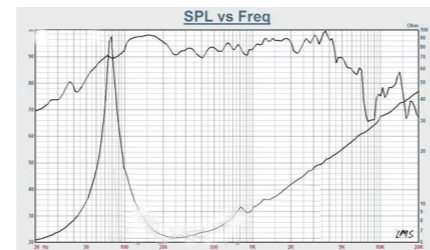


L-KLS3-CMS-R5.6W300-010

Car Mid Bass Speaker SPL: 94 dB (1M/W)

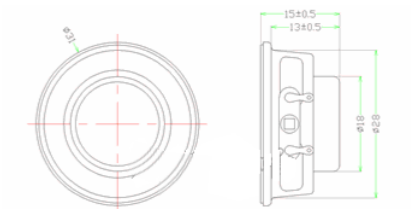


Item	Specification
	L-KLS3-CMS-R5.6W300-010
Dimension (inch)	10"
Rated Power (W)	300
Max Power (W)	600
(voice coil impedance) (Ω)	5.6
Resonant Freq. (Hz)	54Hz ± 20%
Freq response (Hz)	54Hz~6KHz
cone /edge	paper cone/cloth surround

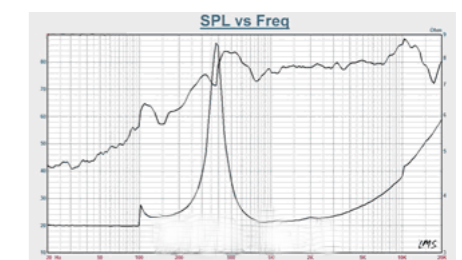


L-KLS3-CCS-R4W20-525

Coaxial Car Speaker SPL: 86 dB(1M/W)

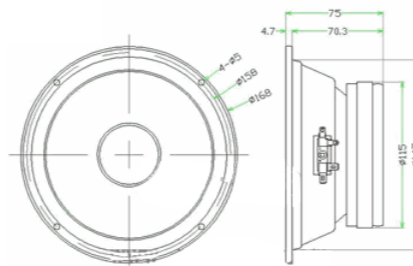


Item	Specification
	L-KLS3-CCS-R4W20-525
Dimension (inch)	5.25"
Rated Power (W)	20
Max Power (W)	40
(voice coil impedance) (Ω)	4
Resonant Freq. (Hz)	107Hz ± 20%
Freq response (Hz)	107Hz~20KHz
cone /edge	pp cone/foam surround

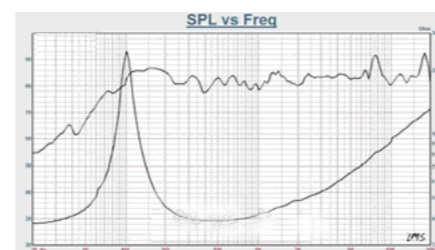


L-KLS3-CMS-R3.2W50-065

Car Midrange Speaker SPL: 95 dB (1M/W)

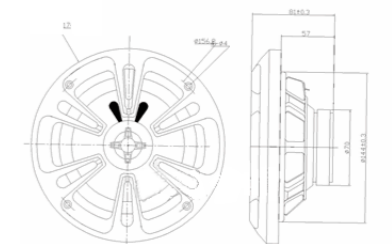


Item	Specification
	L-KLS3-CMS-R3.2W50-065
Dimension (inch)	6.5"
Rated Power (W)	50
Max Power (W)	100
(voice coil impedance) (Ω)	3.2
Resonant Freq. (Hz)	455Hz± 20%
Freq response (Hz)	455Hz~8.5KHz
cone /edge	paper cone / foam surround

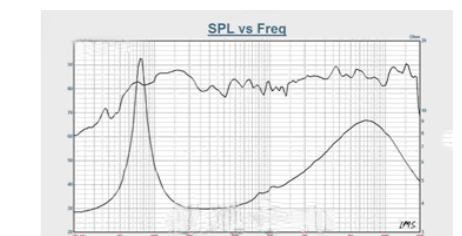


L-KLS3-CCS-R3.6W25-065

Coaxial Car Speaker SPL: 80 dB(1M/W)

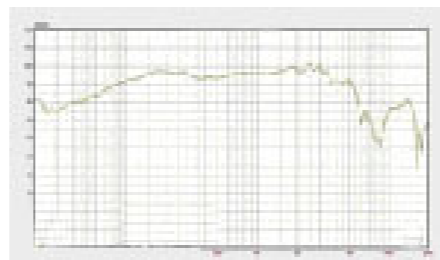
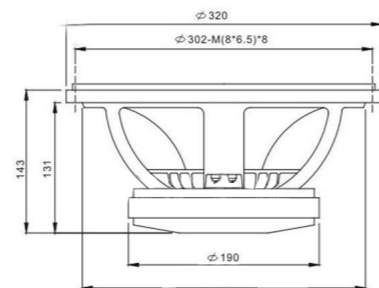


Item	Specification
	L-KLS3-CCS-R3.6W25-065
Dimension (inch)	6.5"
Rated Power (W)	25
Max Power (W)	50
(voice coil impedance) (Ω)	3.6
Resonant Freq. (Hz)	75 Hz ± 20%
Freq response (Hz)	200Hz~7KHz
cone /edge	paper cone / foam edge



L-KLS3-PA-R8W200-012

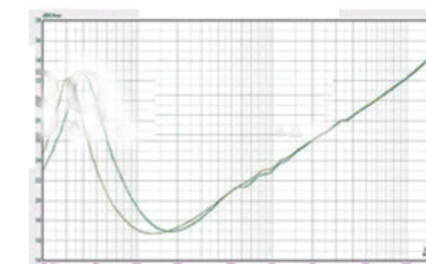
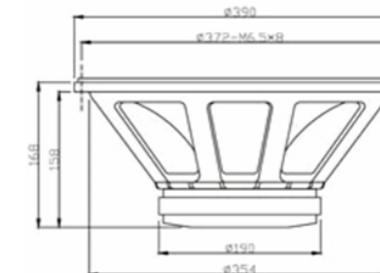
Powered PA Speaker SPL: 96dB (1M/W)



Item	Specification
	L-KLS3-PA-R8W200-012
Dimension (inch)	12"
Rated Power (W)	200
Max Power (W)	400
(voice coil impedance) (Ω)	8
Resonant Freq. (Hz)	46Hz ± 20%
Freq response (Hz)	46Hz~5.5KHz
cone /edge	paper cone / cloth surround

L-KLS3-PA-R5W200-015

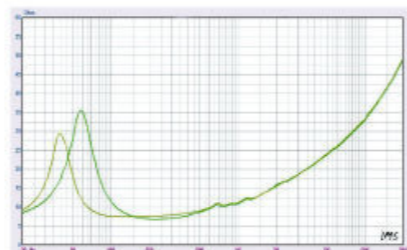
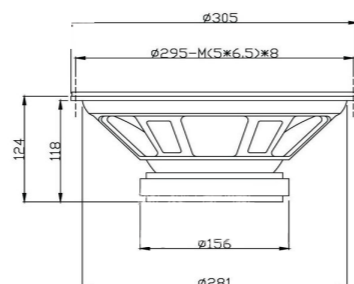
Powered PA Speaker SPL: 97dB (1M/W)



Item	Specification
	L-KLS3-PA-R5W200-015
Dimension (inch)	15"
Rated Power (W)	200
Max Power (W)	400
(voice coil impedance) (Ω)	5
Resonant Freq. (Hz)	38Hz ± 20%
Freq response (Hz)	38Hz~2KHz
cone /edge	full paper

L-KLS3-PA-R8W150-012

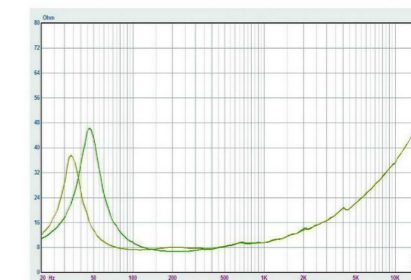
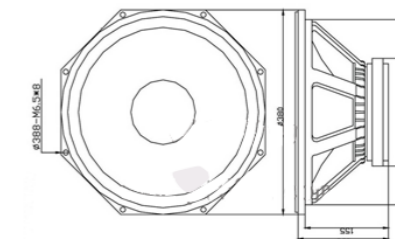
Powered PA Speaker SPL: 96dB (1M/W)



Item	Specification
	L-KLS3-PA-R8W150-012
Dimension (inch)	12"
Rated Power (W)	150
Max Power (W)	300
(voice coil impedance) (Ω)	8
Resonant Freq. (Hz)	45 Hz ± 20%
Freq response (Hz)	45Hz~4500KHz
cone /edge	paper cone / cloth surround

L-KLS3-PA-R8W200-015-A

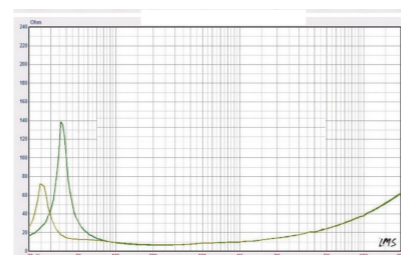
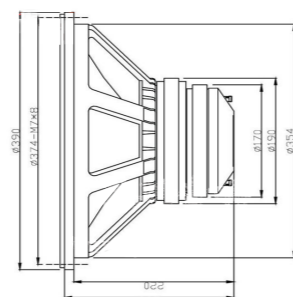
Powered PA Speaker SPL: 99dB (1M/W)



Item	Specification
	L-KLS3-PA-R8W200-015-A
Dimension (inch)	15"
Rated Power (W)	200
Max Power (W)	400
(voice coil impedance) (Ω)	8
Resonant Freq. (Hz)	/
Freq response (Hz)	45Hz~4.5KHz
cone /edge	/

L-KLS3-PA-R8W200-015

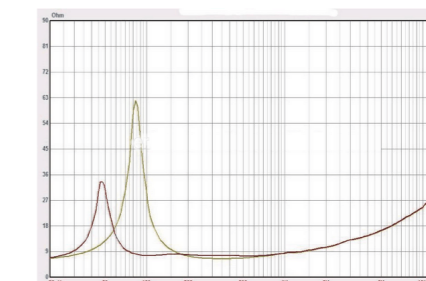
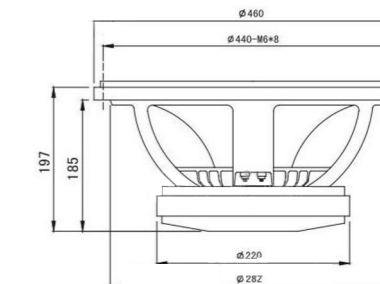
Powered PA Speaker SPL: 99dB (1M/W)



Item	Specification
	L-KLS3-PA-R8W200-015
Dimension (inch)	15"
Rated Power (W)	200
Max Power (W)	400
(voice coil impedance) (Ω)	8
Resonant Freq. (Hz)	37Hz ± 20%
Freq response (Hz)	37Hz~20KHz
cone /edge	paper cone/ cloth edge

L-KLS3-PA-R8W450-018

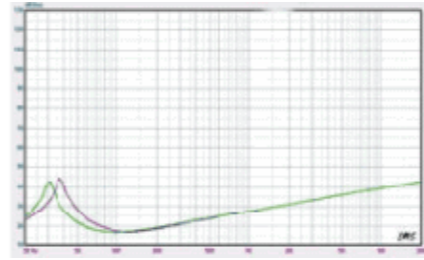
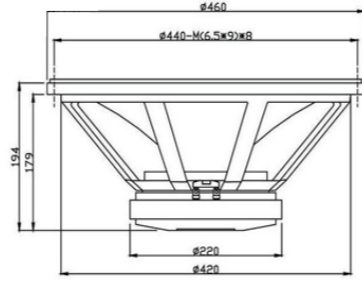
Powered PA Speaker SPL: 98dB (1M/W)



Item	Specification
	L-KLS3-PA-R8W450-018
Dimension (inch)	18"
Rated Power (W)	450
Max Power (W)	900
(voice coil impedance) (Ω)	8
Resonant Freq. (Hz)	/
Freq response (Hz)	50Hz~1.5KHz
cone /edge	/

L-KLS3-PA-R8W400-018

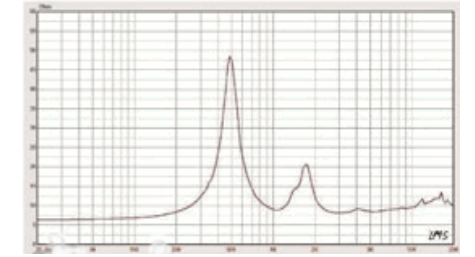
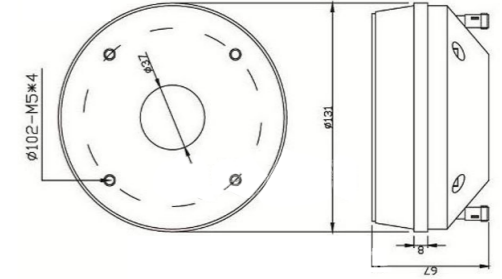
Powered PA Speaker SPL: 98dB (1M/W)



Item	Specification
	L-KLS3-PA-R8W400-018
Dimension (inch)	18"
Rated Power (W)	400
Max Power (W)	800
(voice coil impedance) (Ω)	8
Resonant Freq. (Hz)	/
Freq response (Hz)	28Hz~3KHz
cone /edge	/

L-KLS3-CD-R8W100-003

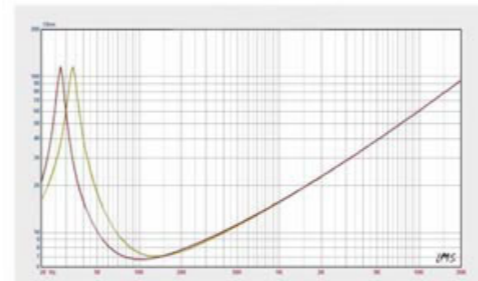
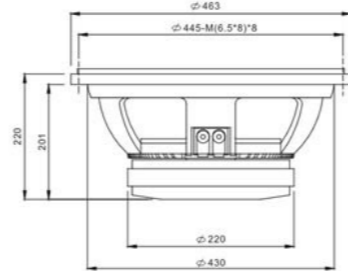
Compression driver SPL: 109dB (1M/W)



Item	Specification
	L-KLS3-CD-R8W100-003
Dimension (inch)	3"
Rated Power (W)	100
Max Power (W)	200
(voice coil impedance) (Ω)	8
Resonant Freq. (Hz)	/
Freq response (Hz)	490Hz~18KHz
cone /edge	/

L-KLS3-PA-R5.4W500-018

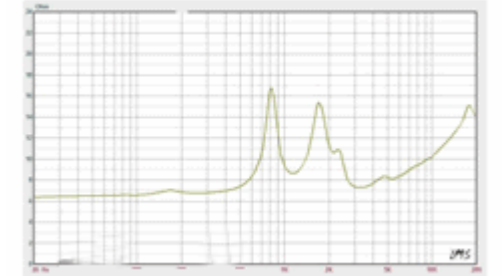
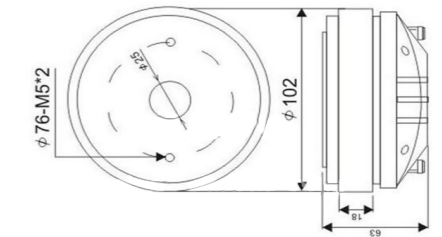
Powered PA Speaker SPL: 96dB (1M/W)



Item	Specification
	L-KLS3-PA-R5.4W500-018
Dimension (inch)	18"
Rated Power (W)	500
Max Power (W)	100
(voice coil impedance) (Ω)	5.4
Resonant Freq. (Hz)	40Hz ± 20%
Freq response (Hz)	40Hz~3000KHz
cone /edge	full paper

L-KLS3-CD-R8W50-004

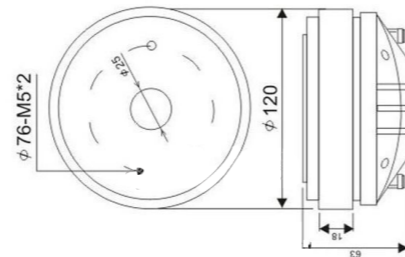
Compression driver SPL: 105dB (1M/W)



Item	Specification
	L-KLS3-CD-R8W50-004
Dimension (inch)	4"
Rated Power (W)	50
Max Power (W)	100
(voice coil impedance) (Ω)	8
Resonant Freq. (Hz)	/
Freq response (Hz)	1000Hz~18KHz
cone /edge	/

L-KLS3-CD-R5.5W75-008

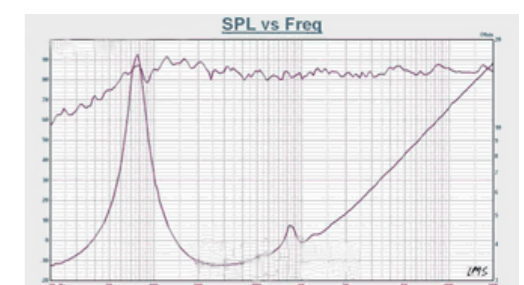
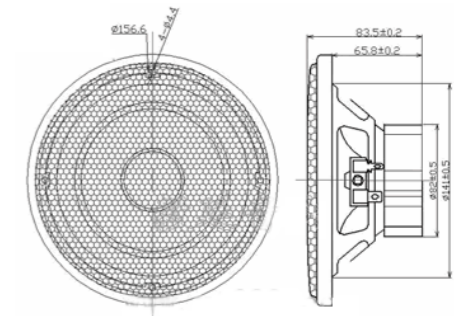
Compression driver SPL: 106dB (1M/W)



Item	Specification
	L-KLS3-CD-R5.5W75-008
Dimension (inch)	1.79"
Rated Power (W)	50
Max Power (W)	100
(voice coil impedance) (Ω)	5.5
Resonant Freq. (Hz)	/
Freq response (Hz)	1000Hz~18KHz
cone /edge	/

L-KLS3-PA-R3.2W40-065

Compression driver SPL: 88dB (1M/W)



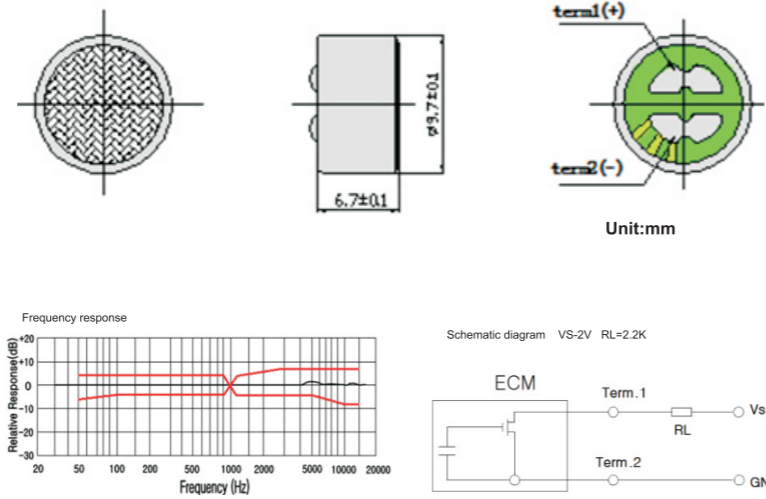
Item	Specification
	L-KLS3-PA-R3.2W40-065
Dimension (inch)	6.5"
Rated Power (W)	40
Max Power (W)	80
(voice coil impedance) (Ω)	3.2
Resonant Freq. (Hz)	80Hz ± 20%
Freq response (Hz)	80Hz~20 KHz
cone /edge	paper cone / rubber surround

L-KLS3-MM9767P

Omni-directional mini microphone



Item	Specification
	L-KLS3-MM9767P
Dimension (mm)	9.7*6.7
Sensitivity(0dB=1v/μbar,1KHz)	-30dB ~ -44dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	4.5V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 3V
S/N ratio	>60dB

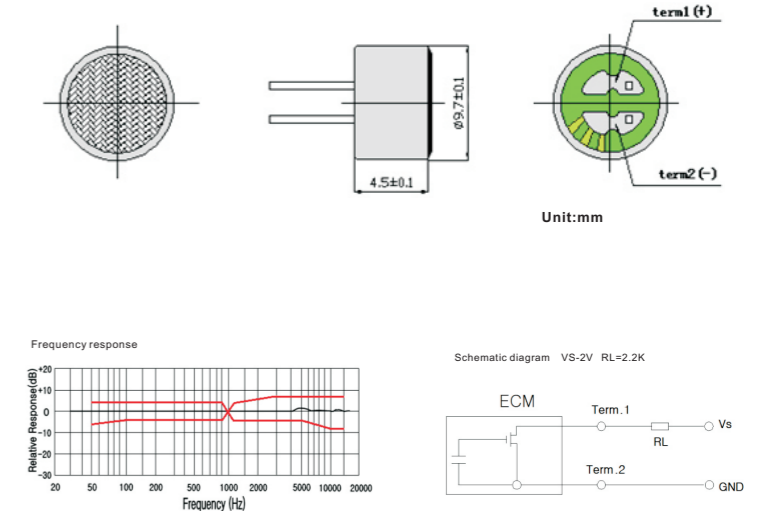


L-KLS3-MM9745PP

Omni-directional mini microphone with Pin

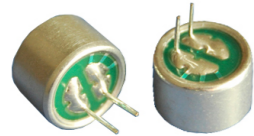


Item	Specification
	L-KLS3-MM9745PP
Dimension (mm)	9.7*4.5
Sensitivity(0dB=1v/μbar,1KHz)	-36dB ~ -46dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	4.5V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 1.5V
S/N ratio	>58dB

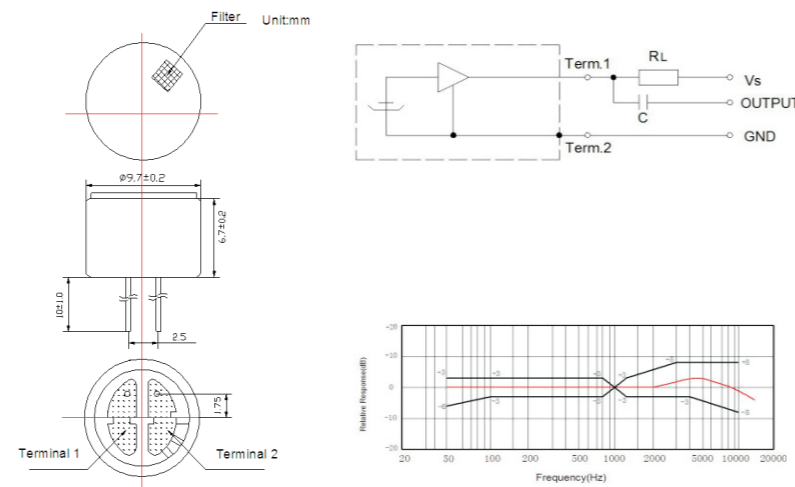


L-KLS3-MM9767PP

Omni-directional mini microphone with Pin



Item	Specification
	L-KLS3-MM9767PP
Dimension (mm)	9.7*6.7
Sensitivity(0dB=1v/μbar,1KHz)	-30dB ~ -44dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	4.5V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 3V
S/N ratio	>60dB

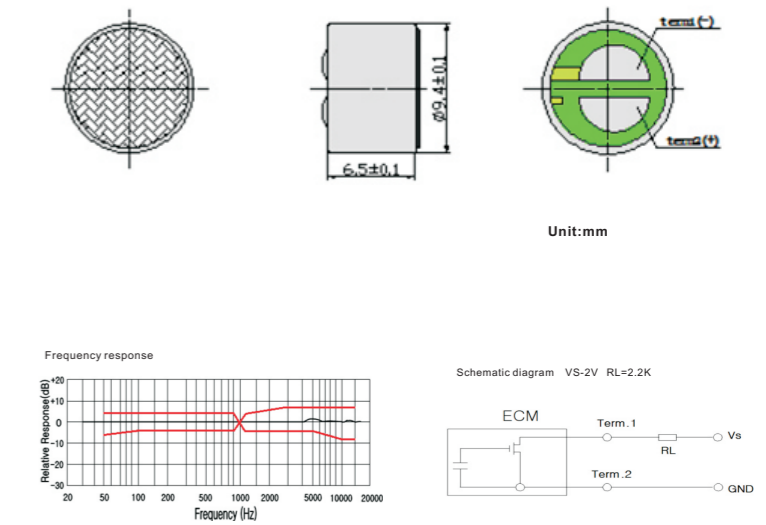


L-KLS3-MM9465P

Omni-directional mini microphone



Item	Specification
	L-KLS3-MM9465P
Dimension (mm)	9.4*6.5
Sensitivity(0dB=1v/μbar,1KHz)	-30dB ~ -46dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	4.5V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 3V
S/N ratio	>60dB

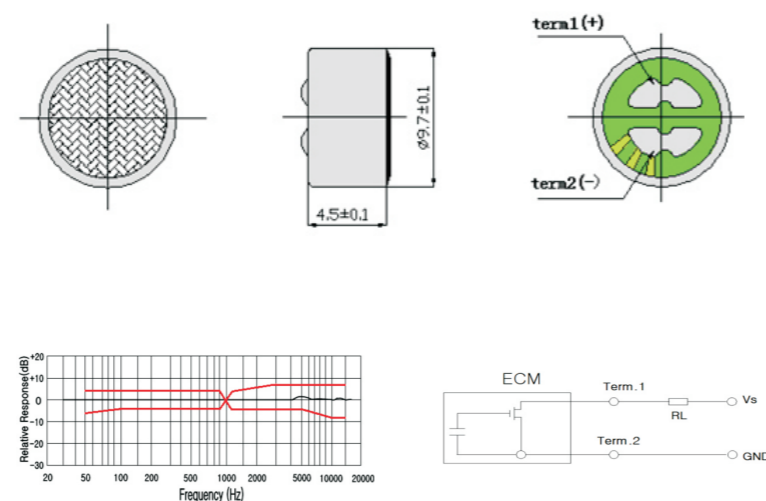


L-KLS3-MM9745P

Omni-directional mini microphone



Item	Specification
	L-KLS3-MM9745P
Dimension (mm)	9.7*4.5
Sensitivity(0dB=1v/μbar,1KHz)	-36dB ~ -46dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	4.5V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 1.5V
S/N ratio	>58dB

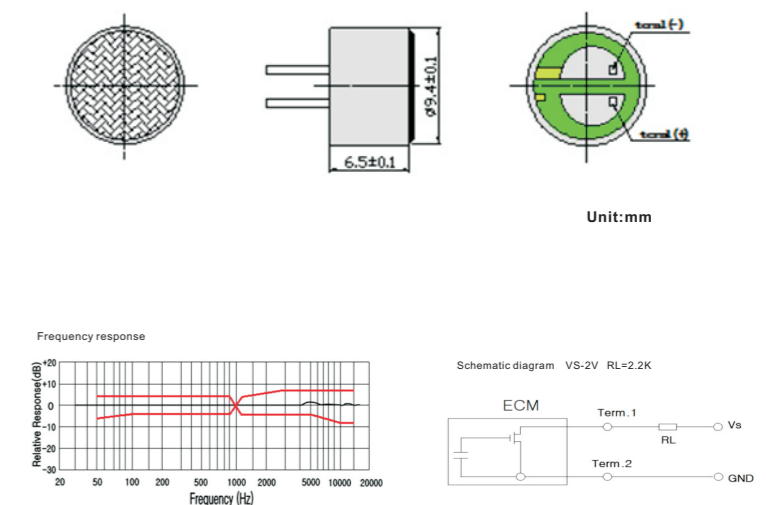


L-KLS3-MM9465PP

Omni-directional mini microphone with Pin

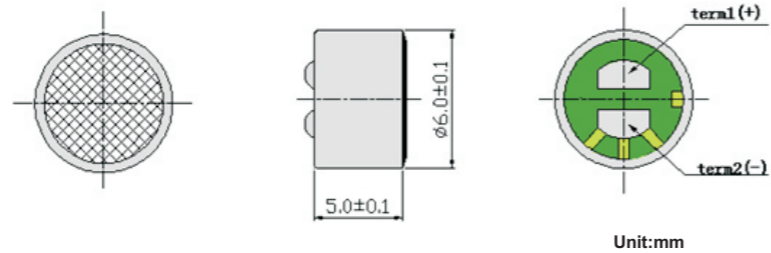


Item	Specification
	L-KLS3-MM9465PP
Dimension (mm)	9.4*6.5
Sensitivity(0dB=1v/μbar,1KHz)	-30dB ~ -46dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	4.5V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 3V
S/N ratio	>60dB

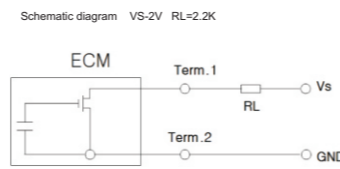
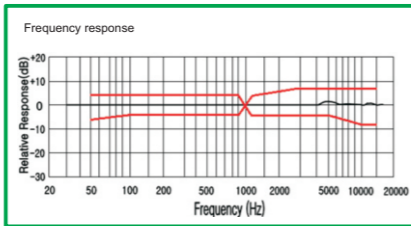


L-KLS3-MM6050P

Omni-directional mini microphone

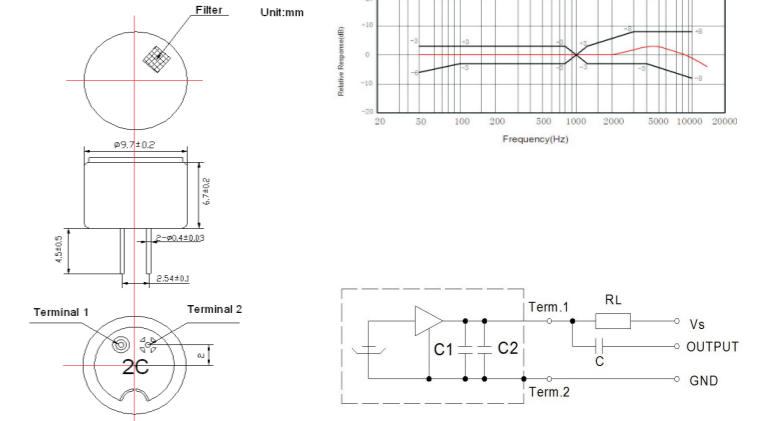


Item	Specification
	L-KLS3-MM6050P
Dimension (mm)	6.0*5.0
Sensitivity(0dB=1v/μbar,1KHz)	-36dB ~ -46dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	4.5V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 3V
S/N ratio	>60dB

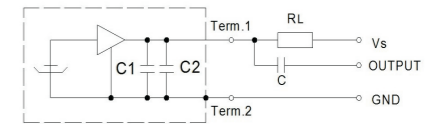


L-KLS3-MM9767APP

Omni-directional mini microphone inner two capacitor with Pin

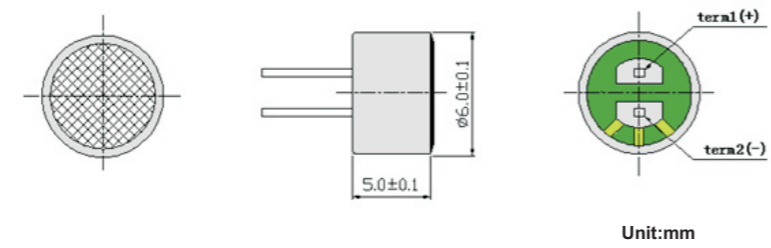
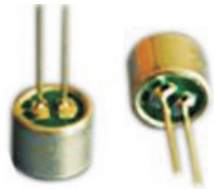


Item	Specification
	L-KLS3-MM9767APP
Dimension (mm)	9.7*6.7
Sensitivity(0dB=1v/μbar,1KHz)	-36dB ~ -46dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	4.5V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 1.5V
S/N ratio	>58dB

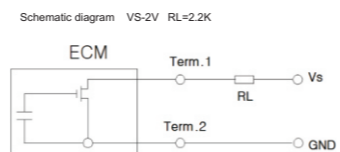
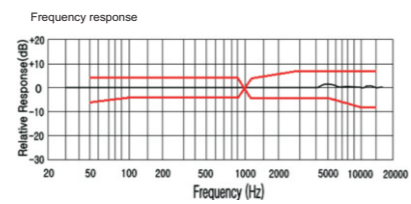


L-KLS3-MM6050PP

Omni-directional mini microphone with Pin

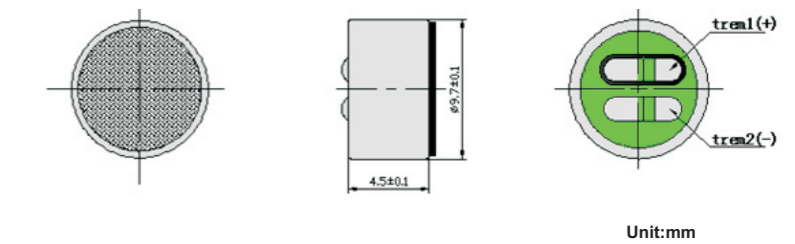


Item	Specification
	L-KLS3-MM6050PP
Dimension (mm)	6.0*5.0
Sensitivity(0dB=1v/μbar,1KHz)	-36dB ~ -46dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	4.5V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 3V
S/N ratio	>60dB

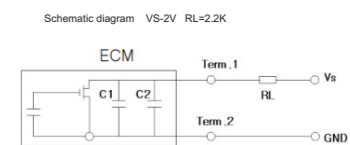
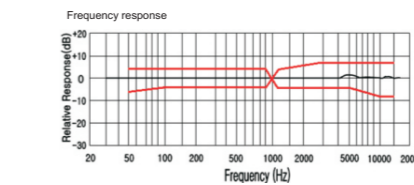


L-KLS3-MM9745AP

Omni-directional mini microphone inner two capacitor

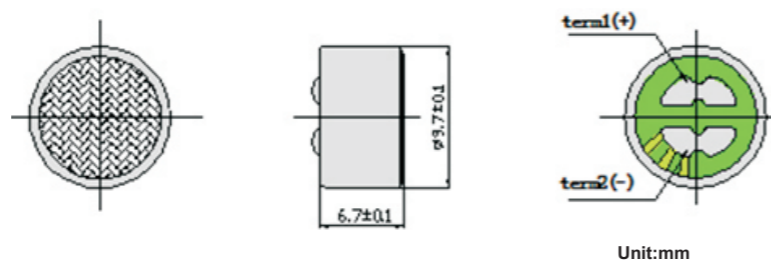


Item	Specification
	L-KLS3-MM9745AP
Dimension (mm)	9.7*4.5
Sensitivity(0dB=1v/μbar,1KHz)	-36dB ~ -46dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	4.5V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 1.5V
S/N ratio	>58dB

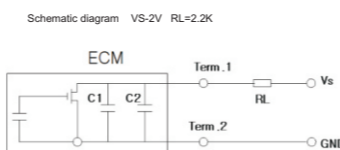
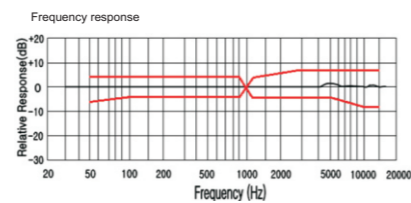


L-KLS3-MM9767AP

Omni-directional mini microphone inner two capacitor

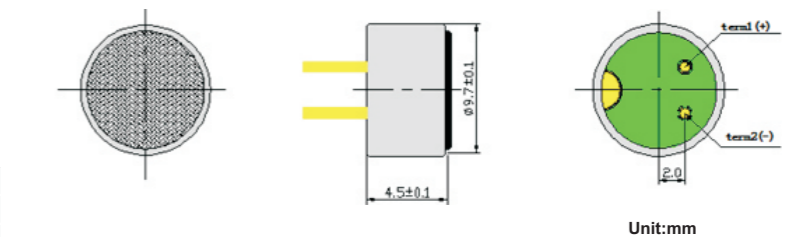


Item	Specification
	L-KLS3-MM9767AP
Dimension (mm)	9.7*6.7
Sensitivity(0dB=1v/μbar,1KHz)	-36dB ~ -46dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	4.5V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 1.5V
S/N ratio	>58dB

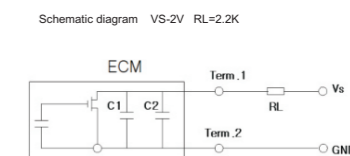
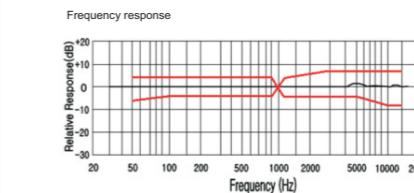


L-KLS3-MM9745APP

Omni-directional mini microphone inner two capacitor with Pin



Item	Specification
	L-KLS3-MM9745APP
Dimension (mm)	9.7*4.5
Sensitivity(0dB=1v/μbar,1KHz)	-36dB ~ -46dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	4.5V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 1.5V
S/N ratio	>58dB

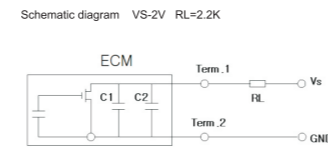
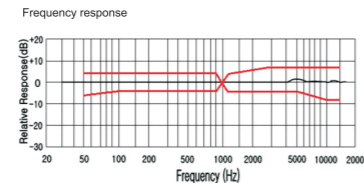
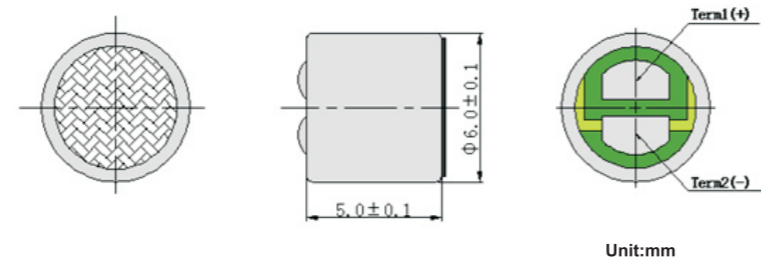


L-KLS3-MM6050AP

Omni-directional mini microphone inner two capacitor



Item	Specification
	L-KLS3-MM6050AP
Dimension (mm)	6.0*5.0
Sensitivity(0dB=1v/μbar,1KHz)	-36dB ~ -46dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	2V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 3V
S/N ratio	>60dB

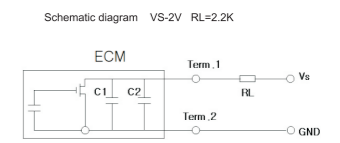
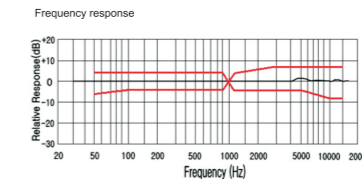
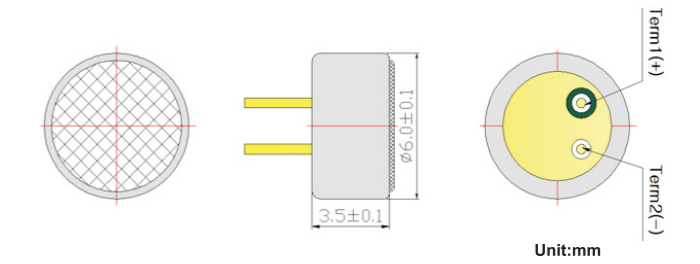


L-KLS3-MM6035APP

Omni-directional mini microphone inner two capacitor with Pin



Item	Specification
	L-KLS3-MM6035APP
Dimension (mm)	6.0*3.5
Sensitivity(0dB=1v/μbar,1KHz)	-36dB ~ -46dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	2V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 3V
S/N ratio	>60dB

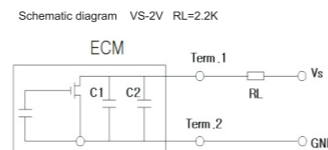
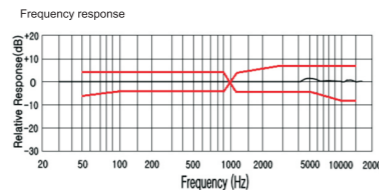
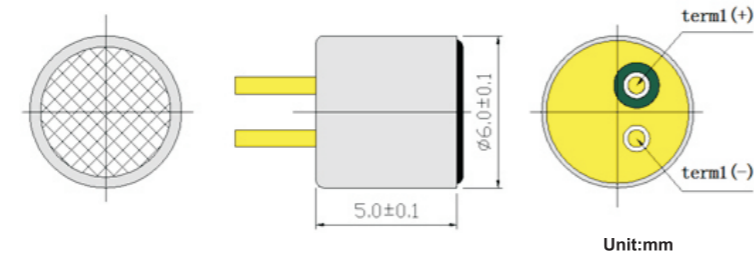


L-KLS3-MM6050APP

Omni-directional mini microphone inner two capacitor with Pin



Item	Specification
	L-KLS3-MM6050APP
Dimension (mm)	6.0*5.0
Sensitivity(0dB=1v/μbar,1KHz)	-36dB ~ -46dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	2V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 3V
S/N ratio	>60dB

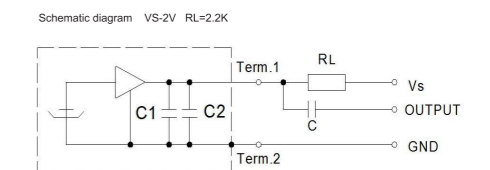
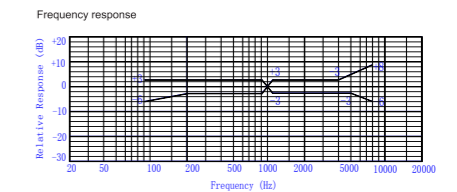
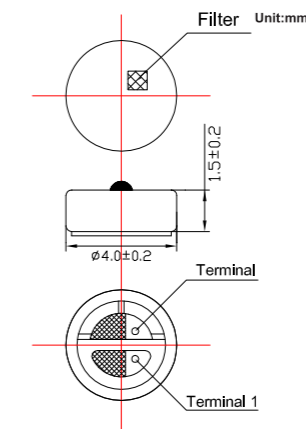


L-KLS3-MM4015AP

Omni-directional mini microphone inner two capacitor



Item	Specification
	L-KLS3-MM4015AP
Dimension (mm)	4.0*1.5
Sensitivity(0dB=1v/μbar,1KHz)	-36dB ~ -46dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	2V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 3V
S/N ratio	>60dB

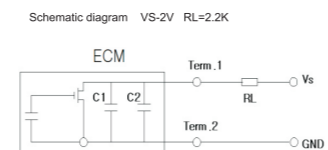
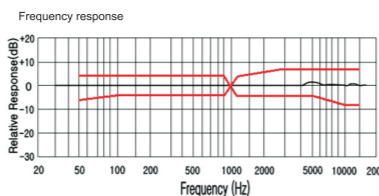
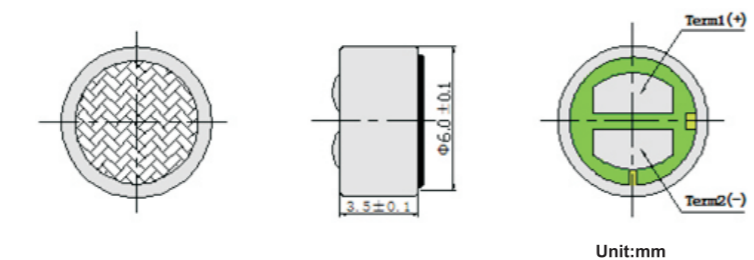


L-KLS3-MM6035AP

Omni-directional mini microphone inner two capacitor



Item	Specification
	L-KLS3-MM6035AP
Dimension (mm)	6.0*3.5
Sensitivity(0dB=1v/μbar,1KHz)	-36dB ~ -46dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	2V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 3V
S/N ratio	>60dB

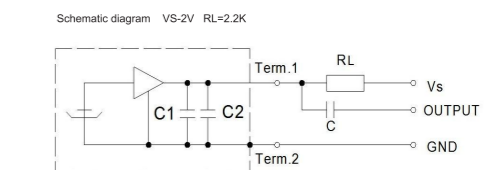
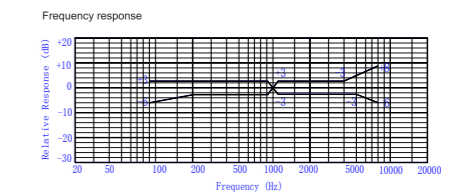
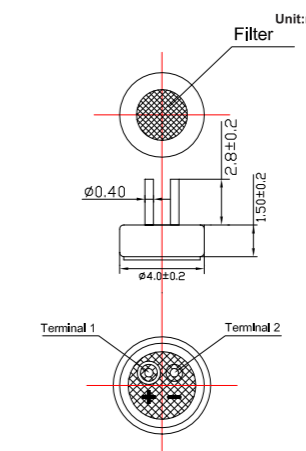


L-KLS3-MM4015APP

Omni-directional mini microphone inner two capacitor with Pin



Item	Specification
	L-KLS3-MM4015APP
Dimension (mm)	4.0*1.5
Sensitivity(0dB=1v/μbar,1KHz)	-36dB ~ -46dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	2V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 3V
S/N ratio	>60dB

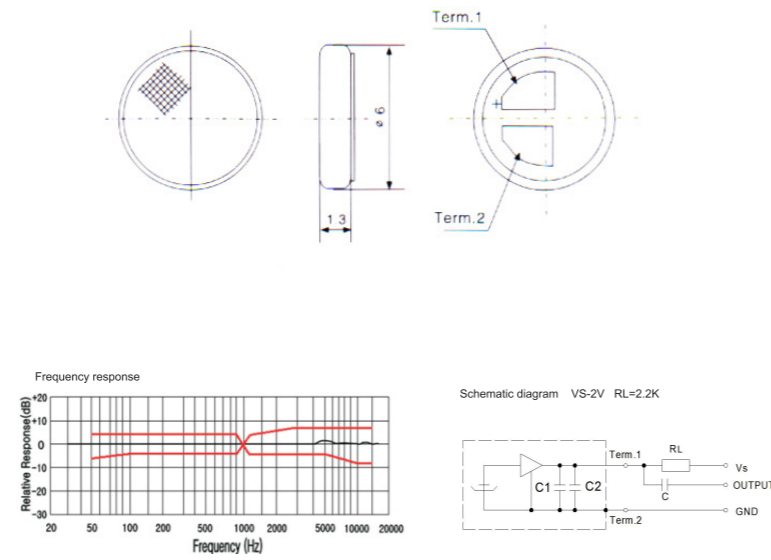


L-KLS3-MM6013AP

Omni-directional mini microphone inner two capacitor



Item	Specification
	L-KLS3-MM6013AP
Dimension (mm)	6.0*1.3
Sensitivity(0dB=1v/μbar,1KHz)	-36dB ~ -46dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	2V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 1.5V
S/N ratio	>58dB

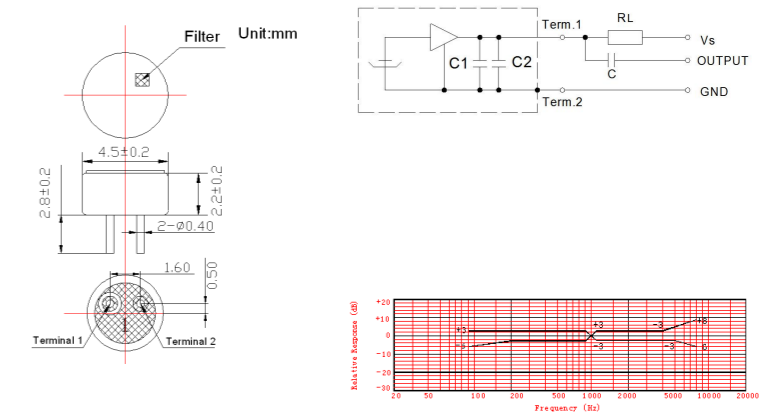


L-KLS3-MM4522APP

Omni-directional mini microphone inner two capacitor with Pin.



Item	Specification
	L-KLS3-MM4522APP
Dimension (mm)	4.5*2.2
Sensitivity(0dB=1v/μbar,1KHz)	-36dB ~ -46dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	2V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 1.5V
S/N ratio	>58dB

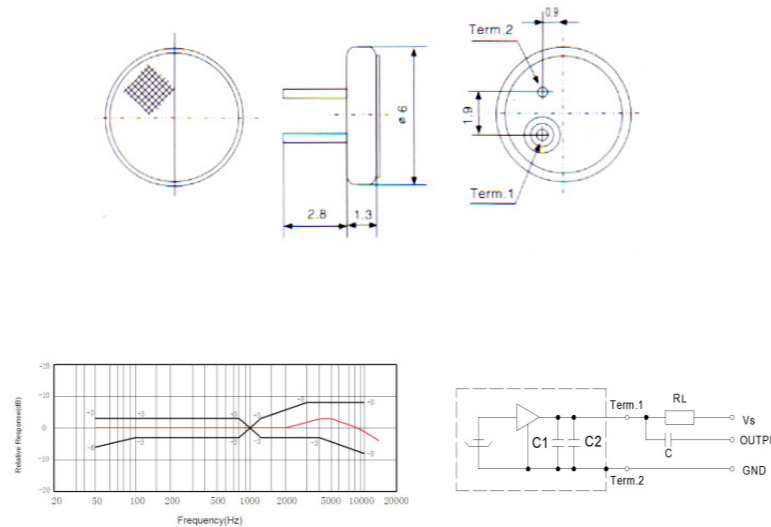


L-KLS3-MM6013APP

Omni-directional mini microphone inner two capacitor with Pin



Item	Specification
	L-KLS3-MM6013APP
Dimension (mm)	6.0*1.3
Sensitivity(0dB=1v/μbar,1KHz)	-36dB ~ -46dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	2V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 1.5V
S/N ratio	>58dB

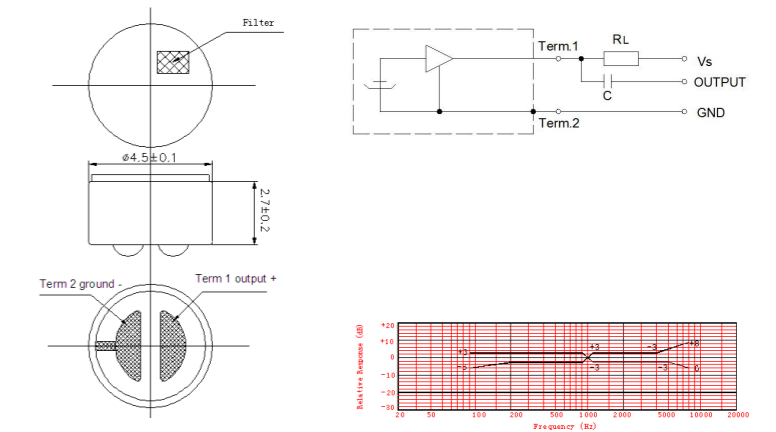


L-KLS3-MM4527AP

Omni-directional mini microphone inner two capacitor



Item	Specification
	L-KLS3-MM4527AP
Dimension (mm)	4.5*2.7
Sensitivity(0dB=1v/μbar,1KHz)	-36dB ~ -46dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	2V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 1.5V
S/N ratio	>58dB

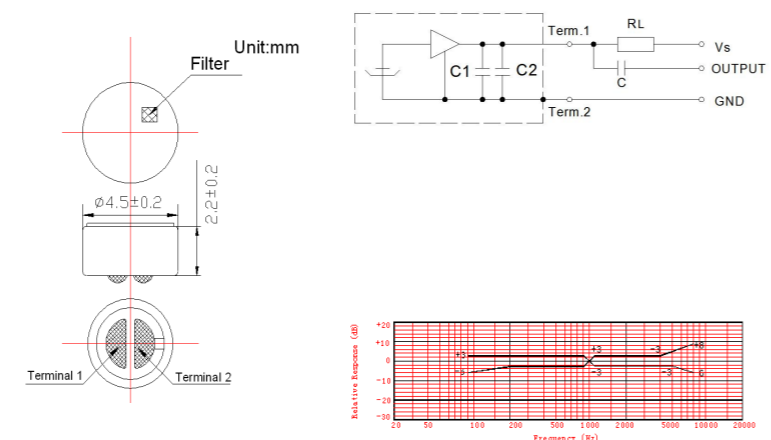


L-KLS3-MM4522AP

Omni-directional mini microphone inner two capacitor

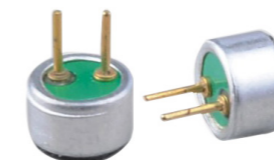


Item	Specification
	L-KLS3-MM4522AP
Dimension (mm)	4.5*2.2
Sensitivity(0dB=1v/μbar,1KHz)	-36dB ~ -46dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	2V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 1.5V
S/N ratio	>58dB

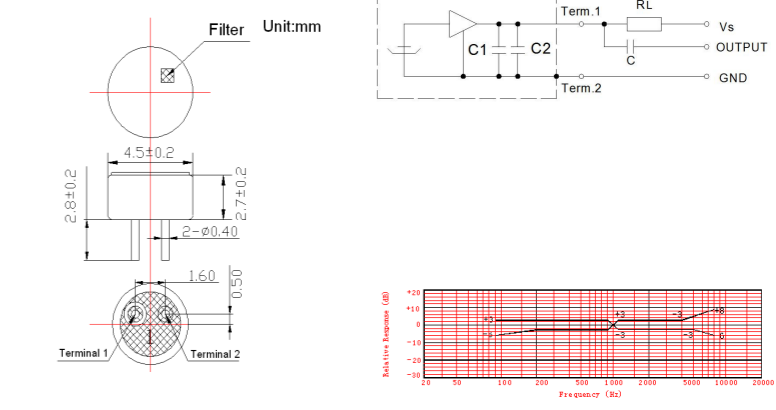


L-KLS3-MM4527APP

Omni-directional mini microphone inner two capacitor with Pin



Item	Specification
	L-KLS3-MM4527APP
Dimension (mm)	4.5*2.7
Sensitivity(0dB=1v/μbar,1KHz)	-36dB ~ -46dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	2V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 1.5V
S/N ratio	>58dB

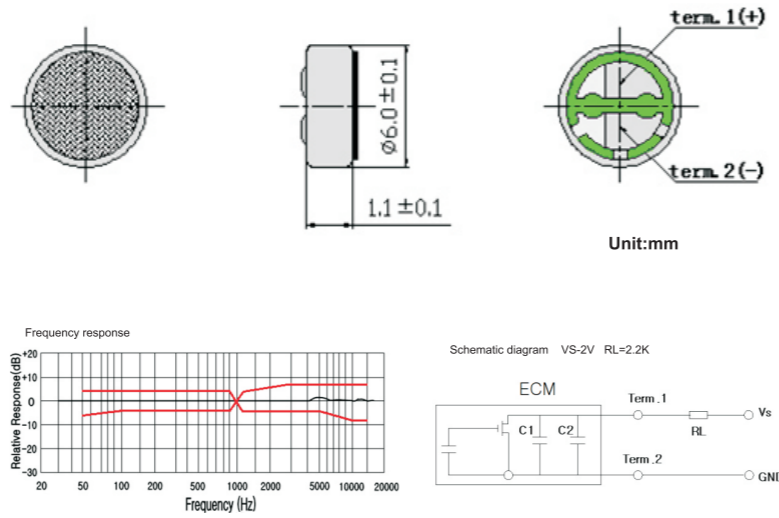


L-KLS3-MM6011AP

Omni-directional mini microphone inner two capacitor



Item	Specification
	L-KLS3-MM6011AP
Dimension (mm)	6.0*1.1
Sensitivity(0dB=1v/μbar,1KHz)	-38dB ~ -48dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	2V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 1.5V
S/N ratio	>60dB

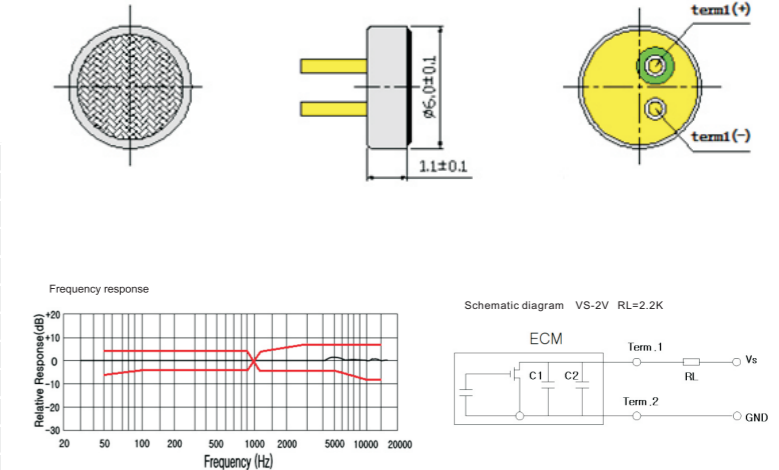


L-KLS3-MM6011APP

Omni-directional mini microphone inner two capacitor with Pin



Item	Specification
	L-KLS3-MM6011APP
Dimension (mm)	6.0*1.1
Sensitivity(0dB=1v/μbar,1KHz)	-38dB ~ -48dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	2V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 1.5V
S/N ratio	>60dB

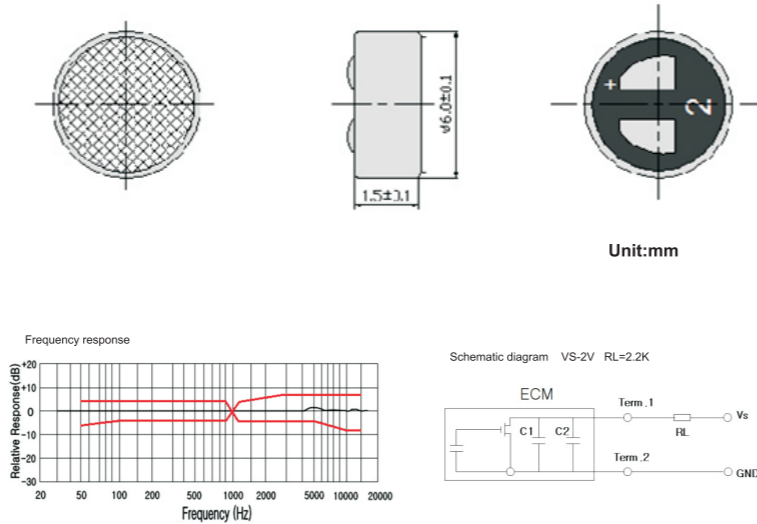


L-KLS3-MM6015AP

Omni-directional mini microphone inner two capacitor

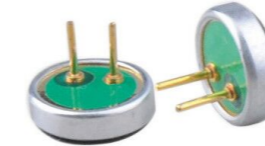


Item	Specification
	L-KLS3-MM6015AP
Dimension (mm)	6.0*1.5
Sensitivity(0dB=1v/μbar,1KHz)	-38dB ~ -48dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	2V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 1.5V
S/N ratio	>60dB

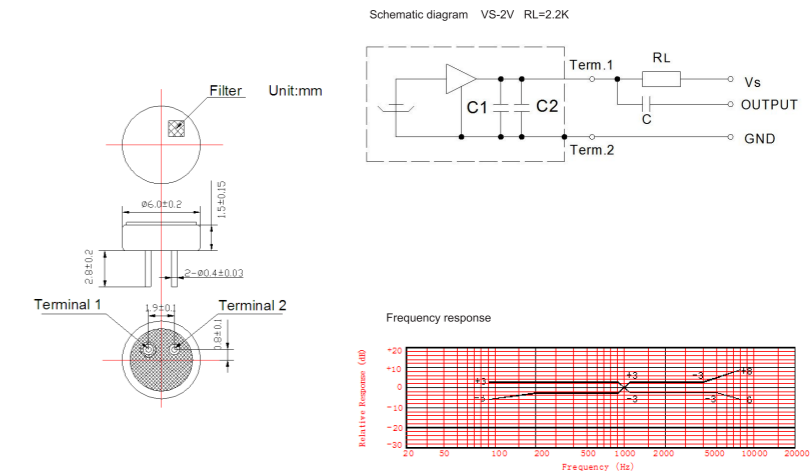


L-KLS3-MM6015APP

Omni-directional mini microphone inner two capacitor with Pin



Item	Specification
	L-KLS3-MM6015APP
Dimension (mm)	6.0*1.5
Sensitivity(0dB=1v/μbar,1KHz)	-30dB ~ -46dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	4.5V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 3V
S/N ratio	>60dB

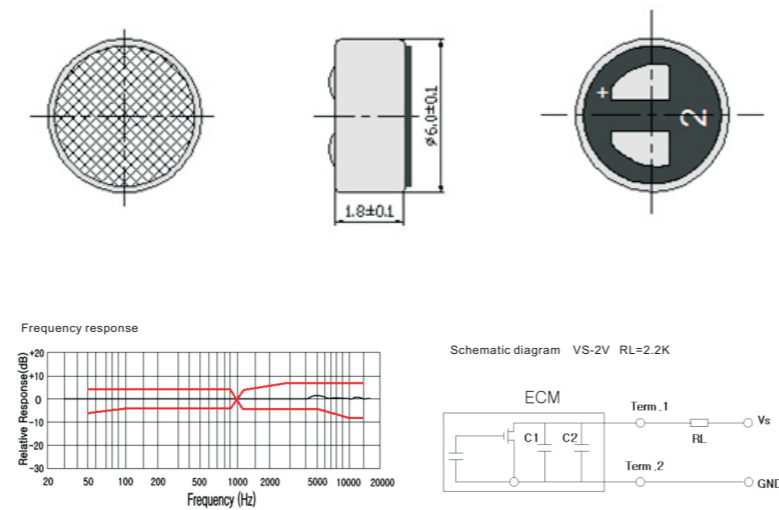


L-KLS3-MM6018AP

Omni-directional mini microphone inner two capacitor



Item	Specification
	L-KLS3-MM6018AP
Dimension (mm)	6.0*1.8
Sensitivity(0dB=1v/μbar,1KHz)	-38dB ~ -48dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	2V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 1.5V
S/N ratio	>60dB

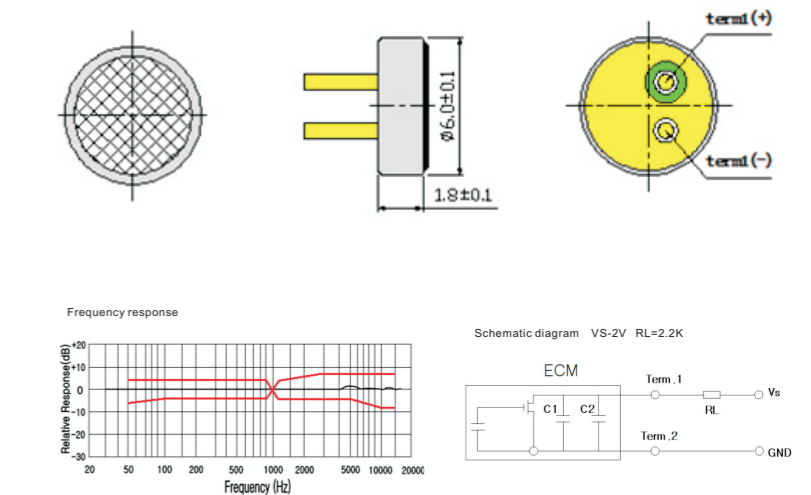


L-KLS3-MM6018APP

Omni-directional mini microphone inner two capacitor with Pin



Item	Specification
	L-KLS3-MM6018APP
Dimension (mm)	6.0*1.8
Sensitivity(0dB=1v/μbar,1KHz)	-38dB ~ -48dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000 Hz
Standard operation voltage	2V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 1.5V
S/N ratio	>60dB

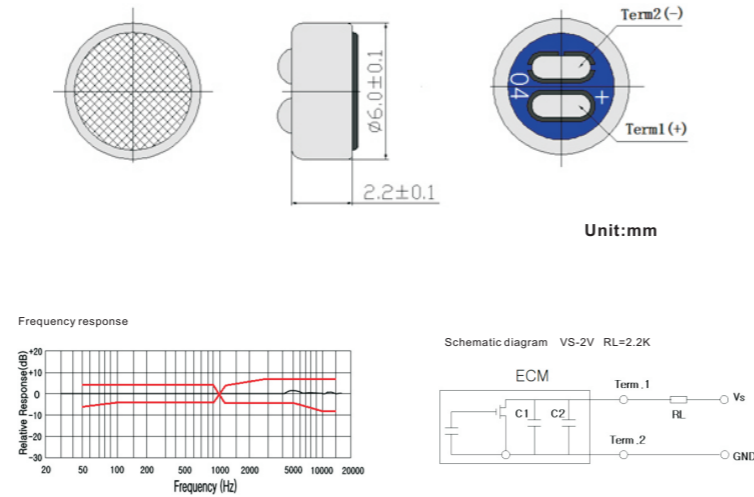


L-KLS3-MM6022AP

Omni-directional mini microphone inner two capacitor



Item	Specification
	L-KLS3-MM6022AP
Dimension (mm)	6.0*2.2
Sensitivity(0dB=1v/μbar,1KH)	-38dB ~ -48dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000Hz
Standard operation voltage	2V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 1.5V
S/N ratio	>60dB

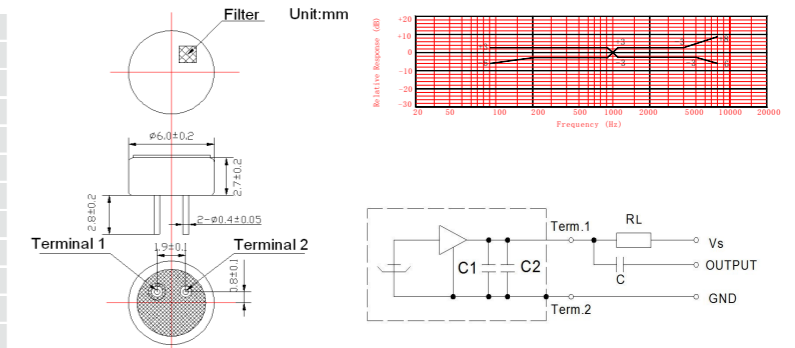


L-KLS3-MM6027APP

Omni-directional mini microphone inner two capacitor with pin



Item	Specification
	L-KLS3-MM6027APP
Dimension (mm)	6.0*2.7
Sensitivity(0dB=1v/μbar,1KH)	-38dB ~ -48dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000Hz
Standard operation voltage	2V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 1.5V
S/N ratio	>60dB

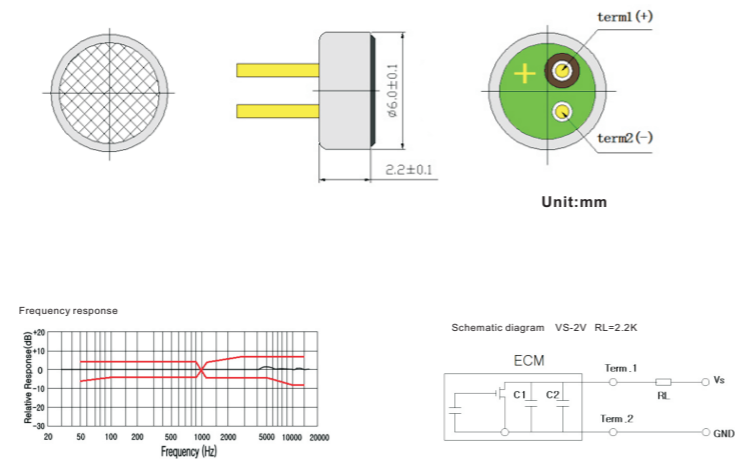


L-KLS3-MM6022APP

Omni-directional mini microphone inner two capacitor with pin



Item	Specification
	L-KLS3-MM6022APP
Dimension (mm)	6.0*1.8
Sensitivity(0dB=1v/μbar,1KH)	-38dB ~ -48dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000Hz
Standard operation voltage	2V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 1.5V
S/N ratio	>60dB

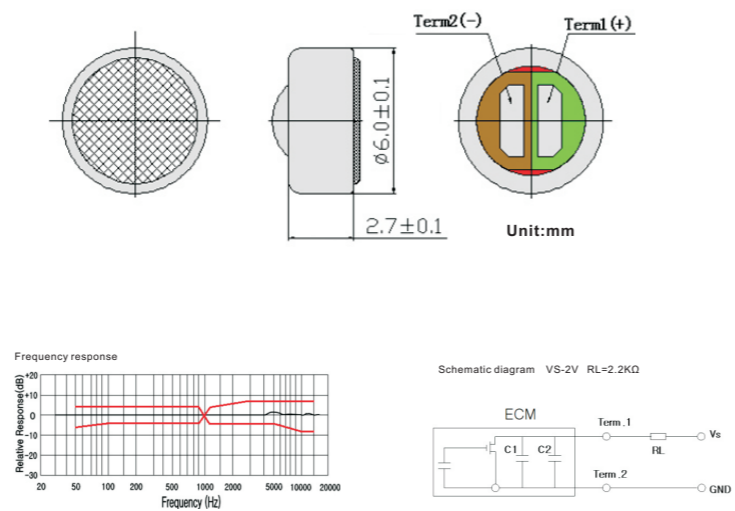


L-KLS3-MM6027AP

Omni-directional mini microphone inner two capacitor



Item	Specification
	L-KLS3-MM6027AP
Dimension (mm)	6.0*2.7
Sensitivity(0dB=1v/μbar,1KH)	-38dB ~ -48dB
Impedance	<2.2KΩ
Resistance(RL)	2.2KΩ
Frequency	20-16000Hz
Standard operation voltage	2V
Max.operation voltage	10V
Current consumption	Max.0.5.mA
Sensitivity reduction	Within -3dB at 1.5V
S/N ratio	>60dB

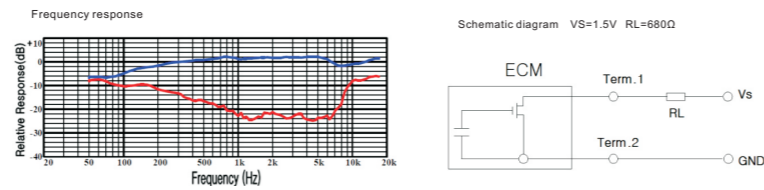
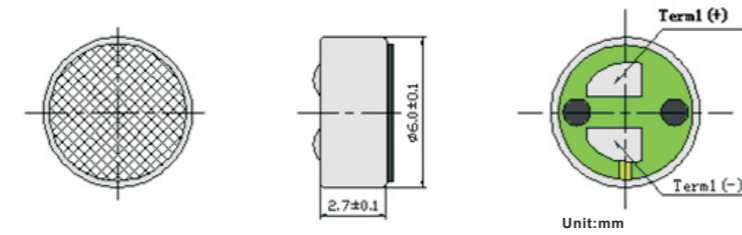


L-KLS3-MU6027P

Unidirectional mini microphone



Item	Specification
	L-KLS3-MU6027P
Dimension (mm)	6.0*2.7
Sensitivity(0dB=1v/μbar,1KHz)	-42dB ~ -54dB
Impedance	<680Ω
Resistance(RL)	2.2KΩ
Frequency	20-16000Hz
Standard operation voltage	1.5V
Max.operation voltage	10V
Current consumption	Max.0.5 mA
Sensitivity reduction	Within -3dB at 1.0V
S/N ratio	>60dB

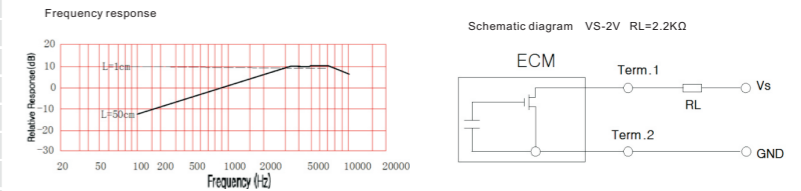
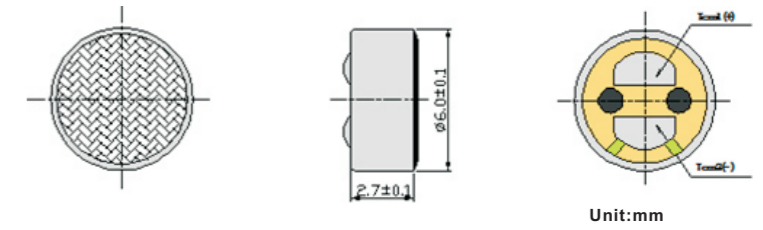


L-KLS3-MN6027P

Noise Cancelling mini microphone



Item	Specification
	L-KLS3-MN6027P
Dimension (mm)	6.0*2.7
Sensitivity(0dB=1v/μbar,1KHz)	-42dB ~ -54dB
Impedance	<680Ω
Resistance(RL)	2.2KΩ
Frequency	100-16000Hz
Standard operation voltage	1.5V
Max.operation voltage	10V
Current consumption	Max.0.5 mA
Sensitivity reduction	Within -3dB at 1.0V
S/N ratio	>58dB

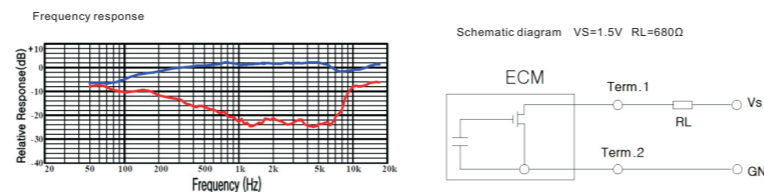
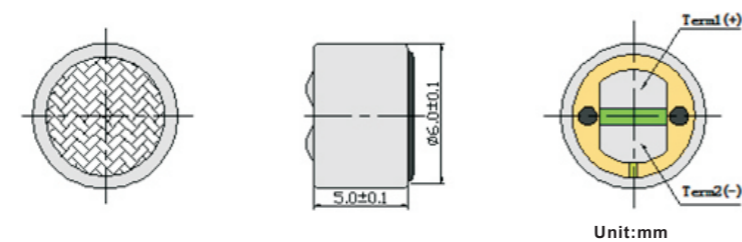


L-KLS3-MU6050P

Unidirectional mini microphone



Item	Specification
	L-KLS3-MU6050P
Dimension (mm)	6.0*5.0
Sensitivity(0dB=1v/μbar,1KHz)	-42dB ~ -54dB
Impedance	<680Ω
Resistance(RL)	2.2KΩ
Frequency	20-16000Hz
Standard operation voltage	1.5V
Max.operation voltage	10V
Current consumption	Max.0.5 mA
Sensitivity reduction	Within -3dB at 1.0V
S/N ratio	>60dB

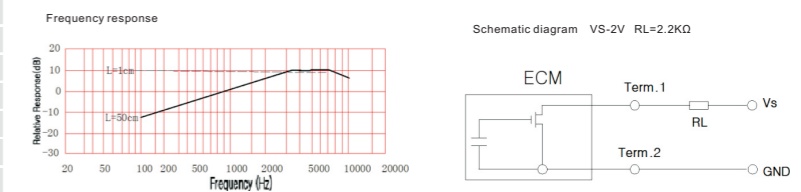
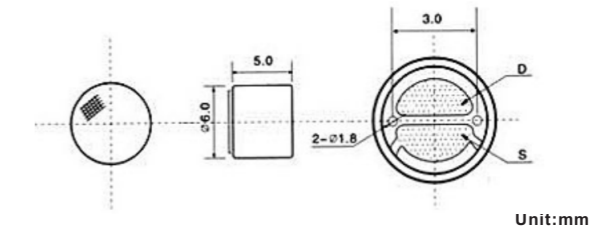


L-KLS3-MN6050P

Noise Cancelling mini microphone



Item	Specification
	L-KLS3-MN6050P
Dimension (mm)	6.0*5.0
Sensitivity(0dB=1v/μbar,1KHz)	-42dB ~ -54dB
Impedance	<680Ω
Resistance(RL)	2.2KΩ
Frequency	100-16000Hz
Standard operation voltage	1.5V
Max.operation voltage	10V
Current consumption	Max.0.5 mA
Sensitivity reduction	Within -3dB at 1.0V
S/N ratio	>58dB

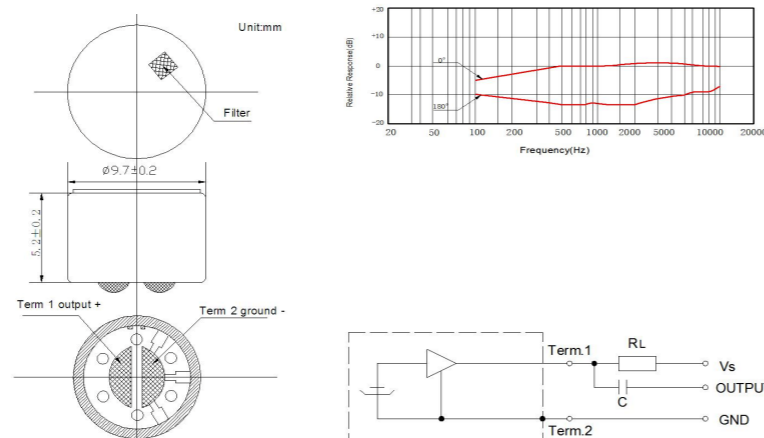


L-KLS3-MU9750P

Unidirectional mini microphone



Item	Specification
	L-KLS3-MU9750P
Dimension (mm)	9.7*5.0
Sensitivity(0dB=1v/μbar,1KHz)	-42dB ~ -54dB
Impedance	<680Ω
Resistance(RL)	2.2KΩ
Frequency	20-16000Hz
Standard operation voltage	1.5V
Max.operation voltage	10V
Current consumption	Max.0.5 mA
Sensitivity reduction	Within -3dB at 1.0V
S/N ratio	>58dB

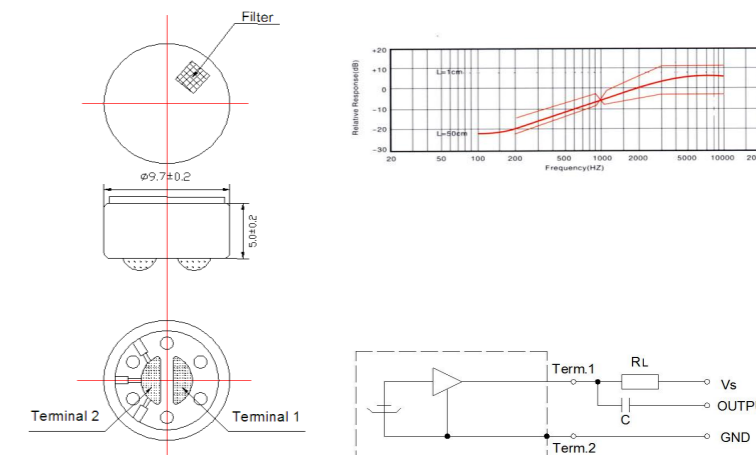


L-KLS3-MN9750P

Noise Cancelling mini microphone



Item	Specification
	L-KLS3-MN9750P
Dimension (mm)	9.7*5.0
Sensitivity(0dB=1v/μbar,1KHz)	-42dB ~ -54dB
Impedance	<680Ω
Resistance(RL)	2.2KΩ
Frequency	100-16000Hz
Standard operation voltage	1.5V
Max.operation voltage	10V
Current consumption	Max.0.5 mA
Sensitivity reduction	Within -3dB at 1.0V
S/N ratio	>58dB

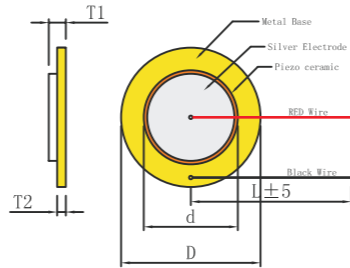
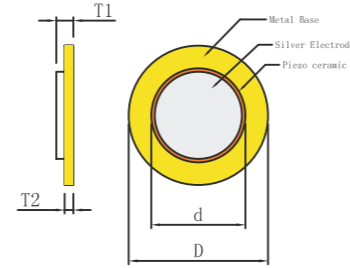


L-KLS3-FT-41T

Piezo Plate-External Drive Type 1



Item	Specification			
	L-KLS3-FT-41T			
	4.5A1	2.6A1	1.3A1	1.4A1
Resonant frequency(KHZ)	4.5±0.5	2.6±0.3	1.3±0.3	1.4±0.3
Resonant impedance(Ω max)	250	300	1200	1200
Static capacitance(PF)±30%	45000	50000	80000	80000
Shape	A	A	A	A
Metal	BRASS	BRASS	BRASS	BRASS
Dimension (mm)	D ± 0.1	41	41	41
	d ± 0.2	25	20	25
	T ± 0.05	0.45	0.22	0.22
	t ± 0.03	0.23	0.1	0.1

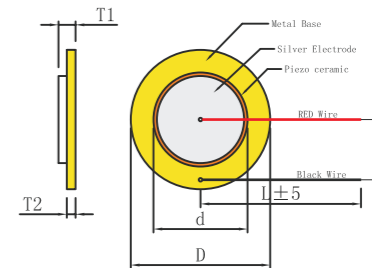
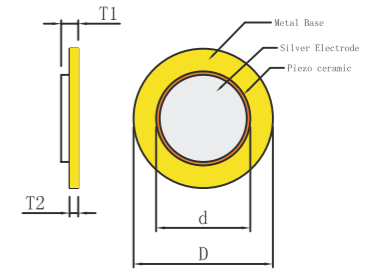


L-KLS3-FT-42T

Piezo Plate-External Drive Type 1

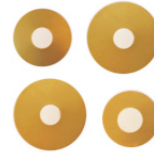


Item	Specification	
	L-KLS3-FT-42T-1.2A1	
Resonant frequency(KHZ)	1.2±0.3	
Resonant impedance(Ω max)	1200	
Static capacitance(PF)±30%	80000	
Shape	A	
Metal	BRASS	
Dimension (mm)	D ± 0.1	42
	d ± 0.2	25
	T ± 0.05	0.22
	t ± 0.03	0.1

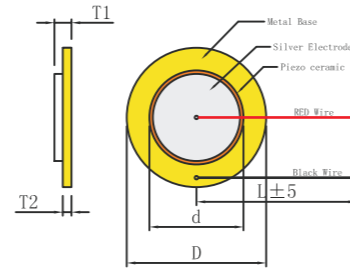
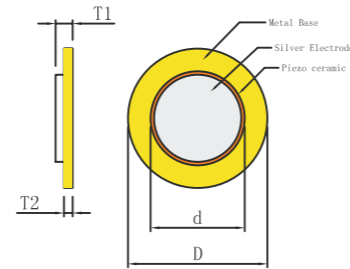


L-KLS3-FT-45T

Piezo Plate-External Drive Type 1



Item	Specification	
	L-KLS3-FT-45T	
	3.5A1	1.1A1
Resonant frequency(KHZ)	3.5±0.5	1.1±0.3
Resonant impedance(Ω max)	300	1400
Static capacitance(PF)±30%	45000	80000
Shape	A	A
Metal	BRASS	BRASS
Dimension (mm)	D ± 0.1	45
	d ± 0.2	25
	T ± 0.05	0.45
	t ± 0.03	0.23

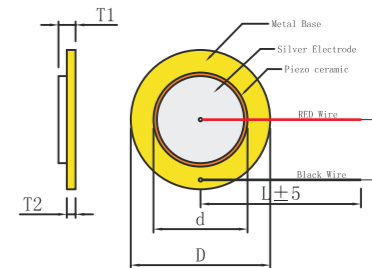
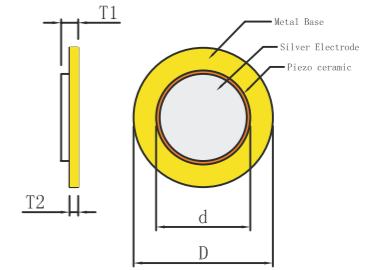


L-KLS3-FT-47T

Piezo Plate-External Drive Type 1



Item	Specification	
	L-KLS3-FT-47T-3.6A1	
Resonant frequency(KHZ)	3.6±0.3	
Resonant impedance(Ω max)	300	
Static capacitance(PF)±30%	45000	
Shape	A	
Metal	BRASS	
Dimension (mm)	D ± 0.1	47
	d ± 0.2	25
	T ± 0.05	0.45
	t ± 0.03	0.23

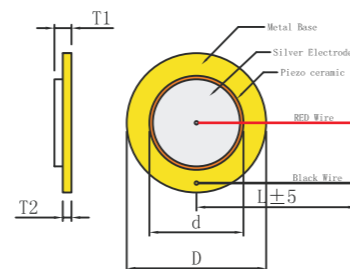
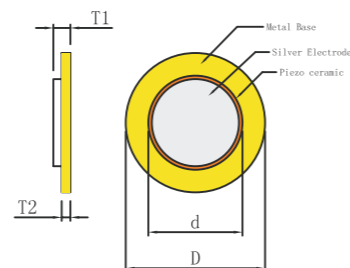


L-KLS3-FT-50T

Piezo Plate-External Drive Type 1



Item	Specification			
	L-KLS3-FT-50T			
	3.2A1	1.3A1	2.0A1	1.4A1
Resonant frequency(KHZ)	3.2±0.5	1.3±0.3	2.0±0.3	1.4±0.3
Resonant impedance(Ω max)	200	800	500	1000
Static capacitance(PF)±30%	45000	55000	80000	120000
Shape	A	A	A	A
Metal	BRASS	BRASS	BRASS	BRASS
Dimension (mm)	D ± 0.1	50	50	50
	d ± 0.2	25	30	25
	T ± 0.05	0.45	0.45	0.22
	t ± 0.03	0.23	0.23	0.1

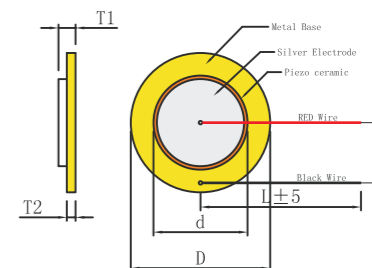
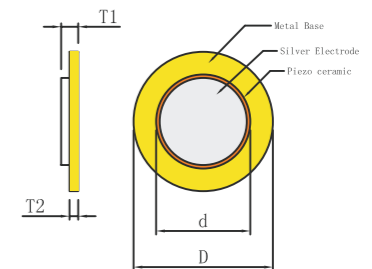


L-KLS3-FT-31T

Piezo Plate-External Drive Type 2

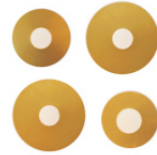


Item	Specification		
	L-KLS3-FT-31T		
	2.9A1	1.7A1	2.3A1
Resonant frequency(KHZ)	2.9±0.5	1.7±0.3	2.3±0.3
Resonant impedance(Ω max)	300	800	200
Static capacitance(PF)±30%	28000	50000	80000
Shape	A	A	A
Metal	BRASS	BRASS	BRASS
Dimension (mm)	D ± 0.1	31	31
	d ± 0.2	20	20
	T ± 0.05	0.45	0.22
	t ± 0.03	0.23	0.1

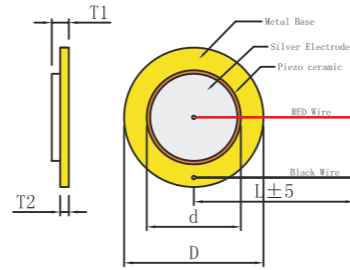
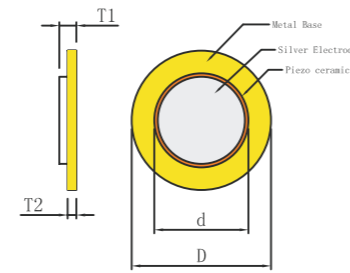


L-KLS3-FT-31G

Piezo Plate-External Drive Type 2



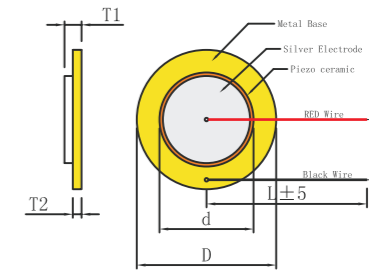
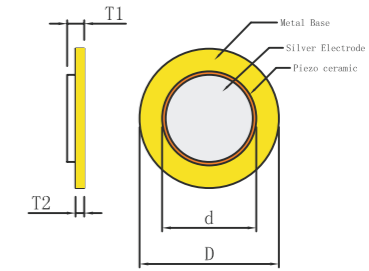
Item	Specification		
	L - KLS3 - FT - 31G		
	3.0A1	1.9A1	
Resonant frequency(KHZ)	3.0±0.5	1.9±0.3	
Resonant impedance(Ω max)	300	800	
Static capacitance(PF)±30%	25000	50000	
Shape	A	A	
Metal	SUS	SUS	
Dimension (mm)	D ± 0.1	31	31
	d ± 0.2	20	20
	T ± 0.05	0.45	0.22
	t ± 0.03	0.23	0.1

**L-KLS3-FT-38T**

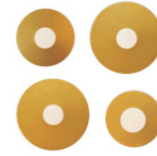
Piezo Plate-External Drive Type 2



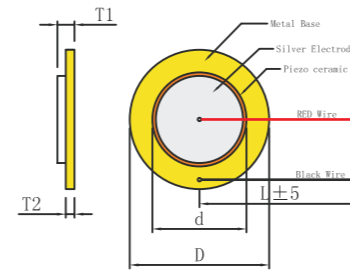
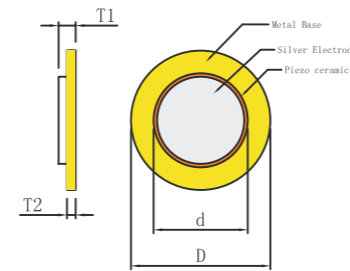
Item	Specification		
	L - KLS3 - FT - 38T		
	2.0A1	1.8A1	
Resonant frequency(KHZ)	2.0±0.5	1.8±0.3	
Resonant impedance(Ω max)	500	1000	
Static capacitance(PF)±30%	45000	80000	
Shape	A	A	
Metal	BRASS	BRASS	
Dimension (mm)	D ± 0.1	38	38
	d ± 0.2	25	25
	T ± 0.05	0.45	0.22
	t ± 0.03	0.23	0.1

**L-KLS3-FT-35T**

Piezo Plate-External Drive Type 2



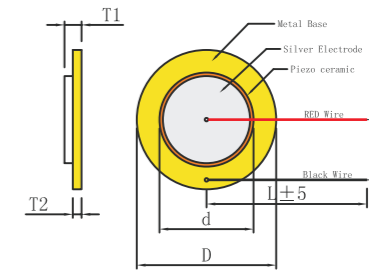
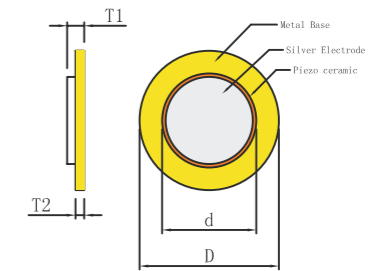
Item	Specification		
	L - KLS3 - FT - 35T		
	2.6A1	1.5A1	
Resonant frequency(KHZ)	2.6±0.5	1.5±0.3	
Resonant impedance(Ω max)	250	300	
Static capacitance(PF)±30%	38000	80000	
Shape	A	A	
Metal	BRASS	BRASS	
Dimension (mm)	D ± 0.1	35	35
	d ± 0.2	25	25
	T ± 0.05	0.45	0.22
	t ± 0.03	0.23	0.1

**L-KLS3-FT-25T**

Piezo Plate-External Drive Type 2



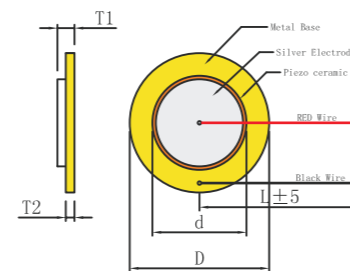
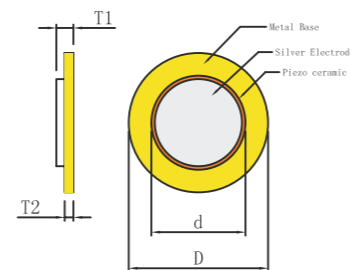
Item	Specification		
	L - KLS3 - FT - 25T - 2.7A1		
Resonant frequency(KHZ)	2.7±0.3		
Resonant impedance(Ω max)	300		
Static capacitance(PF)±30%	50000		
Shape	A		
Metal	BRASS		
Dimension (mm)	D ± 0.1	25	
	d ± 0.2	20	
	T ± 0.05	0.22	
	t ± 0.03	0.1	

**L-KLS3-FT-35G**

Piezo Plate-External Drive Type 2



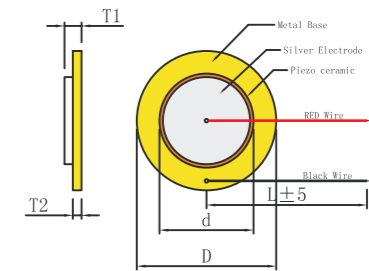
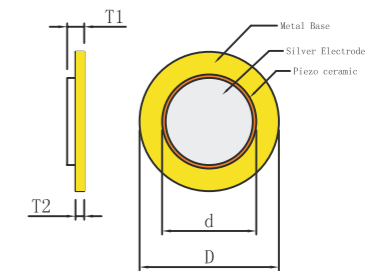
Item	Specification		
	L - KLS3 - FT - 35G		
	1.5A1	2.7A1	
Resonant frequency(KHZ)	1.5±0.3	2.7±0.5	
Resonant impedance(Ω max)	300	250	
Static capacitance(PF)±30%	80000	38000	
Shape	A	A	
Metal	SUS	SUS	
Dimension (mm)	D ± 0.1	35	35
	d ± 0.2	25	25
	T ± 0.05	0.22	0.45
	t ± 0.03	0.1	0.23

**L-KLS3-FT-27T**

Piezo Plate-External Drive Type 2

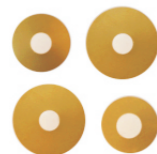


Item	Specification			
	L - KLS3 - FT - 27T			
	2.6A1	2.5A1	3.5A1	4.0A1
Resonant frequency(KHZ)	2.6±0.3	2.5±0.3	3.5±0.5	4.0±0.5
Resonant impedance(Ω max)	200	200	300	200
Static capacitance(PF)±30%	50000	80000	28000	28000
Shape	A	A	A	A
Metal	BRASS	BRASS	BRASS	BRASS
Dimension (mm)	D ± 0.1	27	27	27
	d ± 0.2	20	25	20
	T ± 0.05	0.22	0.22	0.38
	t ± 0.03	0.1	0.1	0.15

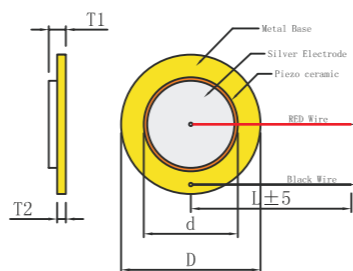
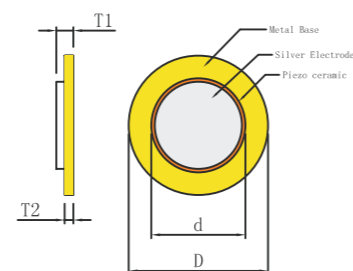


L-KLS3-FT-30T

Piezo Plate-External Drive Type 3



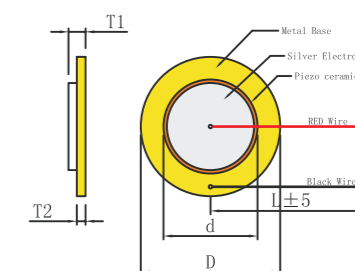
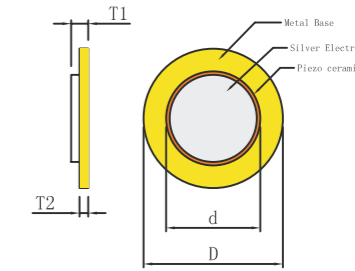
Item	Specification	
	L - KLS3 - FT - 30T	
	1.8A1	3.1A1
Resonant frequency(KHZ)	1.8±0.3	3.1±0.5
Resonant impedance(Ω max)	500	400
Static capacitance(PF)±30%	50000	28000
Shape	A	A
Metal	BRASS	BRASS
Dimension (mm)	D ± 0.1	30
	d ± 0.2	20
	T ± 0.05	0.22
	t ± 0.03	0.1

**L-KLS3-FT-12T**

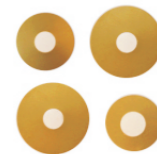
Piezo Plate-External Drive Type 4



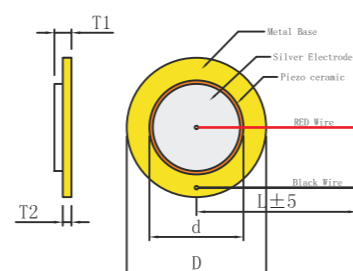
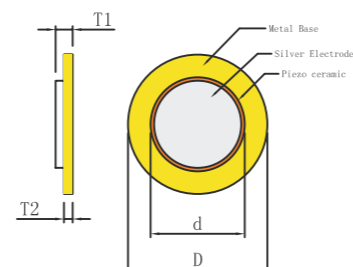
Item	Specification	
	L - KLS3 - FT - 12T	
	18.5A1	8.5A1
Resonant frequency(KHZ)	18.5±0.7	8.5±0.6
Resonant impedance(Ω max)	400	600
Static capacitance(PF)±30%	5000	13000
Shape	A	A
Metal	BRASS	BRASS
Dimension (mm)	D ± 0.1	12
	d ± 0.2	9
	T ± 0.05	0.39
	t ± 0.03	0.18

**L-KLS3-FT-30G**

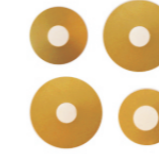
Piezo Plate-External Drive Type 3



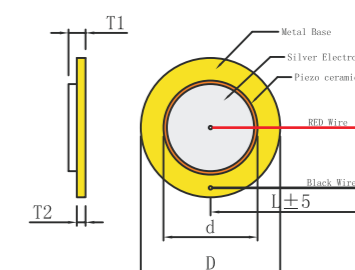
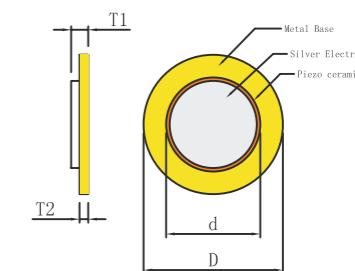
Item	Specification	
	L - KLS3 - FT - 30G - 1.9A1	
	1.9A1	
Resonant frequency(KHZ)	1.9±0.3	
Resonant impedance(Ω max)	500	
Static capacitance(PF)±30%	50000	
Shape	A	
Metal	SUS	
Dimension (mm)	D ± 0.1	30
	d ± 0.2	20
	T ± 0.05	0.22
	t ± 0.03	0.1

**L-KLS3-FT-15T**

Piezo Plate-External Drive Type 4



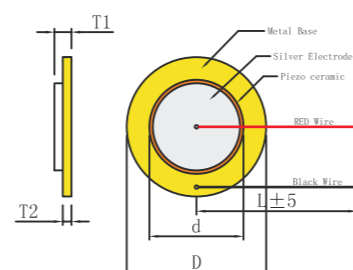
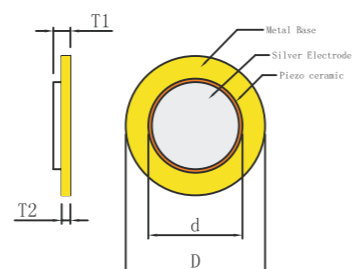
Item	Specification	
	L - KLS3 - FT - 15T	
	10.5A1	6.3A1
Resonant frequency(KHZ)	10.5±0.7	6.3±0.3
Resonant impedance(Ω max)	300	600
Static capacitance(PF)±30%	8000	15000
Shape	A	A
Metal	BRASS	BRASS
Dimension (mm)	D ± 0.1	15
	d ± 0.2	11
	T ± 0.05	0.39
	t ± 0.03	0.18

**L-KLS3-FT-27G**

Piezo Plate-External Drive Type 3



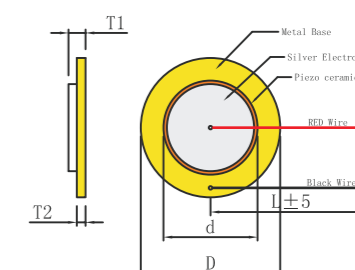
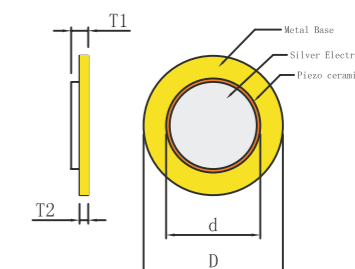
Item	Specification	
	L - KLS3 - FT - 27G - 4.2A1	
	4.2A1	
Resonant frequency(KHZ)	4.2±0.5	
Resonant impedance(Ω max)	200	
Static capacitance(PF)±30%	28000	
Shape	A	
Metal	SUS	
Dimension (mm)	D ± 0.1	27
	d ± 0.2	20
	T ± 0.05	0.42
	t ± 0.03	0.21

**L-KLS3-FT-15G**

Piezo Plate-External Drive Type 4



Item	Specification	
	L - KLS3 - FT - 15G - 14.3A1	
	14.3A1	
Resonant frequency(KHZ)	14.3±0.7	
Resonant impedance(Ω max)	400	
Static capacitance(PF)±30%	7000	
Shape	A	
Metal	SUS	
Dimension (mm)	D ± 0.1	15
	d ± 0.2	11
	T ± 0.05	0.48
	t ± 0.03	0.25

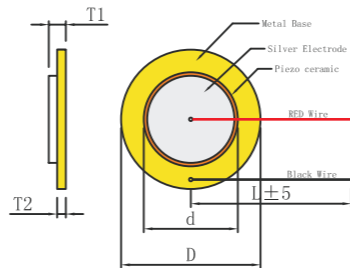
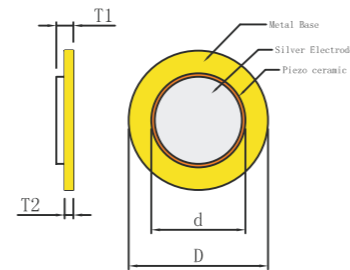


L-KLS3-FT-18T

Piezo Plate-External Drive Type 4



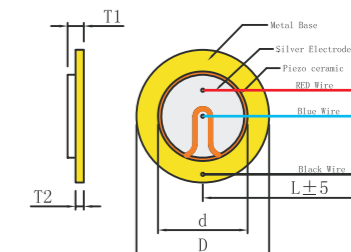
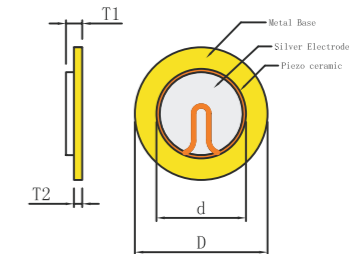
Item	Specification	
	L - KLS3 - FT - 18T - 8.6A1	
Resonant frequency(KHZ)	8.6±0.7	
Resonant impedance(Ω max)	300	
Static capacitance(PF)±30%	15000	
Shape	A	
Metal	BRASS	
Dimension (mm)	D ± 0.1	18
	d ± 0.2	15
	T ± 0.05	0.48
	t ± 0.03	0.25

**L-KLS3-FT-12T**

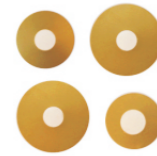
Piezo Plate-Self Drive Type



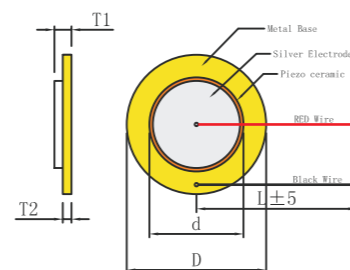
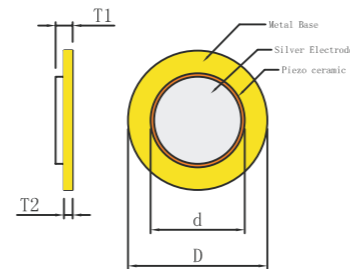
Item	Specification	
	L - KLS3 - FT - 12T - 8.6B1	
Resonant frequency(KHZ)	8.6±0.7	
Resonant impedance(Ω max)	1000	
Static capacitance(PF)±30%	10000	
Shape	E	
Metal	BRASS	
Dimension (mm)	D ± 0.1	12
	d ± 0.2	9
	T ± 0.05	0.22
	t ± 0.03	0.1

**L-KLS3-FT-20T**

Piezo Plate-External Drive Type 4



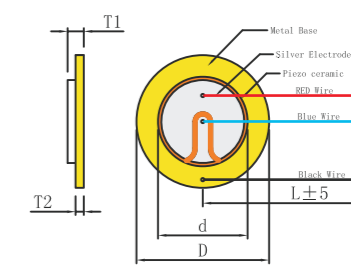
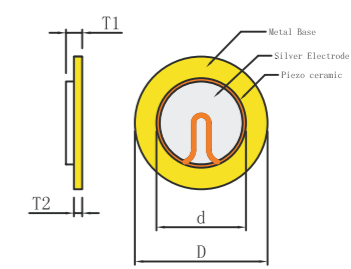
Item	Specification		
	L - KLS3 - FT - 20T		
	6.8A1	6.8A1	
Resonant frequency(KHZ)	6.8±0.7	3.9±0.3	
Resonant impedance(Ω max)	300	400	
Static capacitance(PF)±30%	15000	25000	
Shape	A	A	
Metal	BRASS	BRASS	
Dimension (mm)	D ± 0.1	20	20
	d ± 0.2	15	15
	T ± 0.05	0.42	0.22
	t ± 0.03	0.18	0.1

**L-KLS3-FT-15T**

Piezo Plate-Self Drive Type



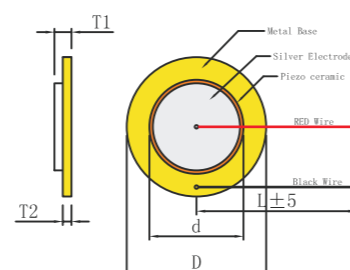
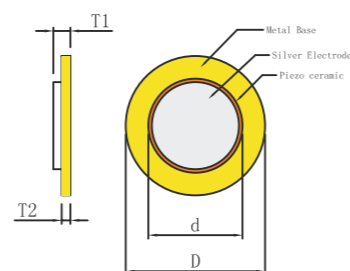
Item	Specification	
	L - KLS3 - FT - 15T - 6.8B1	
Resonant frequency(KHZ)	6.8±0.7	
Resonant impedance(Ω max)	600	
Static capacitance(PF)±30%	12000	
Shape	E	
Metal	BRASS	
Dimension (mm)	D ± 0.1	15
	d ± 0.2	11
	T ± 0.05	0.22
	t ± 0.03	0.1

**L-KLS3-FT-20G**

Piezo Plate-External Drive Type 4



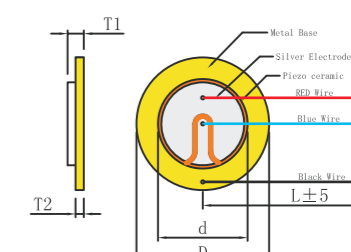
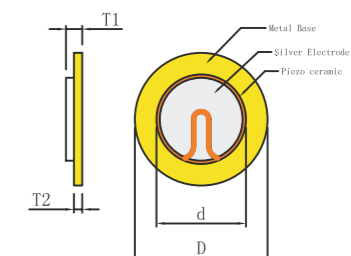
Item	Specification	
	L - KLS3 - FT - 20G	
Resonant frequency(KHZ)	7.0±0.7	
Resonant impedance(Ω max)	300	
Static capacitance(PF)±30%	15000	
Shape	A	
Metal	SUS	
Dimension (mm)	D ± 0.1	20
	d ± 0.2	15
	T ± 0.05	0.42
	t ± 0.03	0.18

**L-KLS3-FT-18T**

Piezo Plate-Self Drive Type

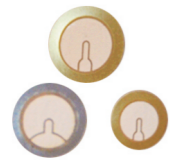


Item	Specification	
	L - KLS3 - FT - 18T - 4.1B1	
Resonant frequency(KHZ)	4.1±0.5	
Resonant impedance(Ω max)	400	
Static capacitance(PF)±30%	15000	
Shape	E	
Metal	BRASS	
Dimension (mm)	D ± 0.1	18
	d ± 0.2	12
	T ± 0.05	0.22
	t ± 0.03	0.1

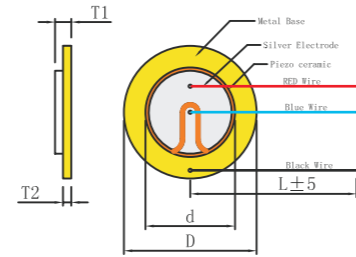
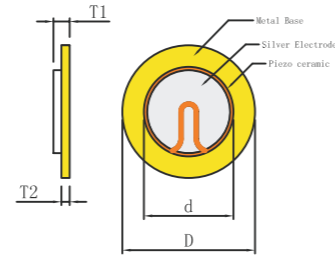


L-KLS3-FT-20T

Piezo Plate-Self Drive Type



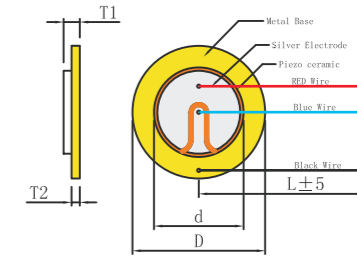
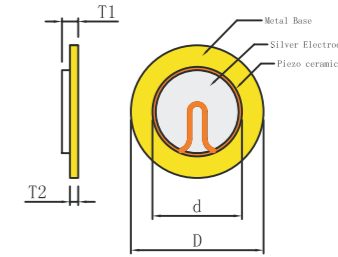
Item	Specification	
	L - KLS3 - FT - 20T - 4.2B1	
Resonant frequency(KHZ)	4.2±0.5	
Resonant impedance(Ω max)	300	
Static capacitance(PF)±30%	20000	
Shape	E	
Metal	BRASS	
Dimension (mm)	D ± 0.1	20
	d ± 0.2	15
	T ± 0.05	0.22
	t ± 0.03	0.1

**L-KLS3-FT-15T**

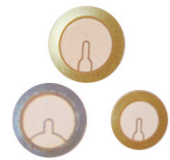
Piezo Plate-Self Drive Type



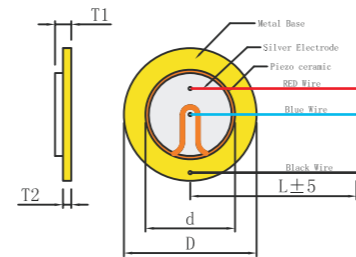
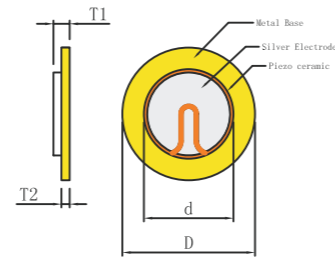
Item	Specification	
	L - KLS3 - FT - 15T - 11B1	
Resonant frequency(KHZ)	11±0.7	
Resonant impedance(Ω max)	400	
Static capacitance(PF)±30%	5500	
Shape	E	
Metal	BRASS	
Dimension (mm)	D ± 0.1	15
	d ± 0.2	11
	T ± 0.05	0.42
	t ± 0.03	0.21

**L-KLS3-FT-20G**

Piezo Plate-Self Drive Type



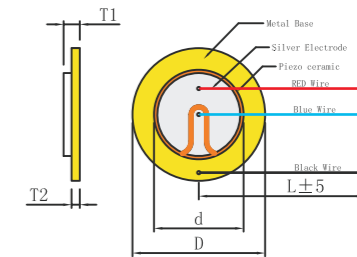
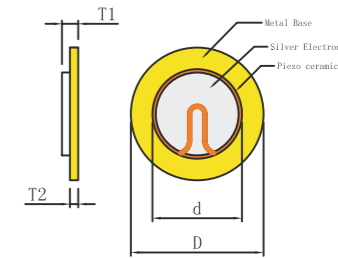
Item	Specification	
	L - KLS3 - FT - 20G - 4.3B1	
Resonant frequency(KHZ)	4.3±0.5	
Resonant impedance(Ω max)	300	
Static capacitance(PF)±30%	20000	
Shape	E	
Metal	SUS	
Dimension (mm)	D ± 0.1	20
	d ± 0.2	15
	T ± 0.05	0.22
	t ± 0.03	0.1

**L-KLS3-FT-20T**

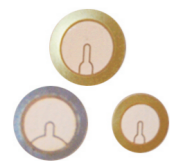
Piezo Plate-Self Drive Type



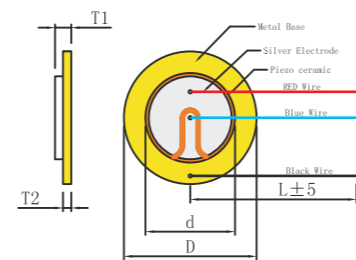
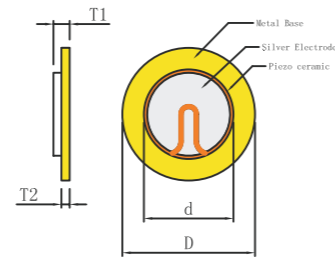
Item	Specification	
	L - KLS3 - FT - 20T - 6.8B1	
Resonant frequency(KHZ)	6.8±0.7	
Resonant impedance(Ω max)	350	
Static capacitance(PF)±30%	12000	
Shape	E	
Metal	BRASS	
Dimension (mm)	D ± 0.1	20
	d ± 0.2	15
	T ± 0.05	0.42
	t ± 0.03	0.21

**L-KLS3-FT-27T**

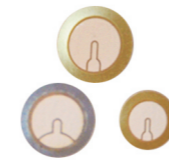
Piezo Plate-Self Drive Type



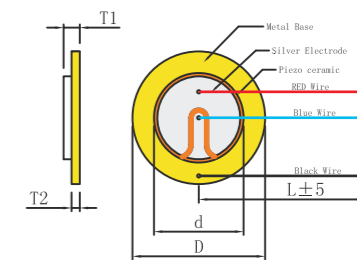
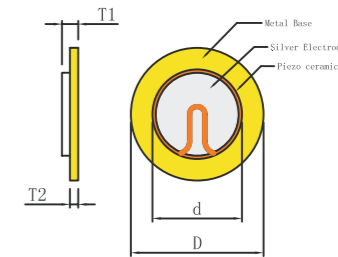
Item	Specification	
	L - KLS3 - FT - 27T	
	2.4B1	3.1B1
Resonant frequency(KHZ)	2.4±0.5	3.1±0.5
Resonant impedance(Ω max)	200	400
Static capacitance(PF)±30%	40000	31000
Shape	E	E
Metal	BRASS	BRASS
Dimension (mm)	D ± 0.1	27
	d ± 0.2	20
	T ± 0.05	0.22
	t ± 0.03	0.1

**L-KLS3-FT-20G**

Piezo Plate-Self Drive Type

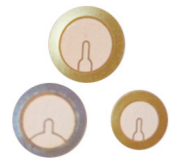


Item	Specification	
	L - KLS3 - FT - 20G - 8.3B1	
Resonant frequency(KHZ)	8.3±0.7	
Resonant impedance(Ω max)	250	
Static capacitance(PF)±30%	15000	
Shape	E	
Metal	SUS	
Dimension (mm)	D ± 0.1	20
	d ± 0.2	15
	T ± 0.05	0.48
	t ± 0.03	0.25

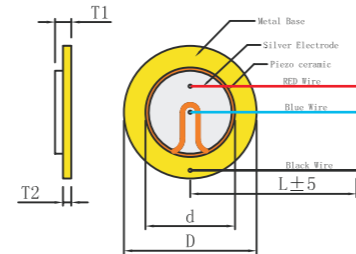
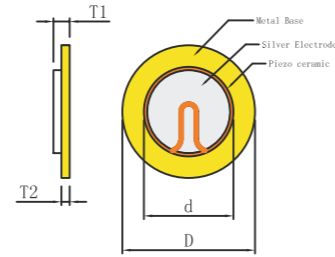


L-KLS3-FT-27T

Piezo Plate-Self Drive Type



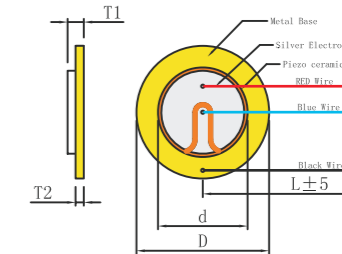
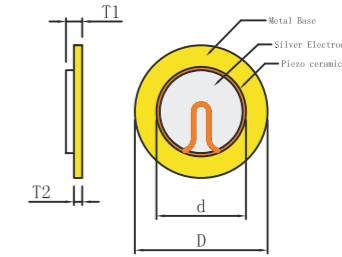
Item	Specification	
	L - KLS3 - FT - 27T - 4.1B1	
Resonant frequency(KHZ)	4.1±0.7	
Resonant impedance(Ω max)	250	
Static capacitance(PF)±30%	21000	
Shape	E	
Metal	BRASS	
Dimension (mm)	D ± 0.1	27
	d ± 0.2	20
	T ± 0.05	0.45
	t ± 0.03	0.23

**L-KLS3-FT-35G**

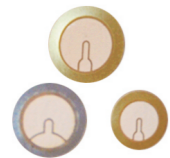
Piezo Plate-Self Drive Type



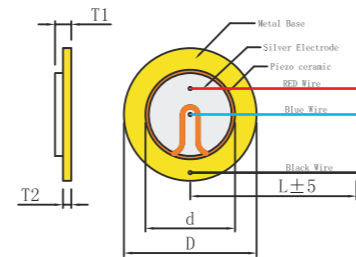
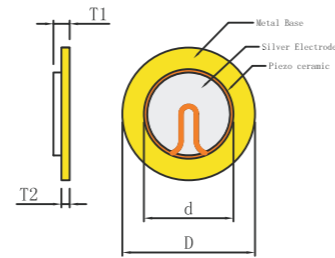
Item	Specification	
	L - KLS3 - FT - 35G - 2.8B1	
Resonant frequency(KHZ)	2.8±0.7	
Resonant impedance(Ω max)	250	
Static capacitance(PF)±30%	30000	
Shape	E	
Metal	SUS	
Dimension (mm)	D ± 0.1	35
	d ± 0.2	25
	T ± 0.05	0.45
	t ± 0.03	0.23

**L-KLS3-FT-27G**

Piezo Plate-Self Drive Type



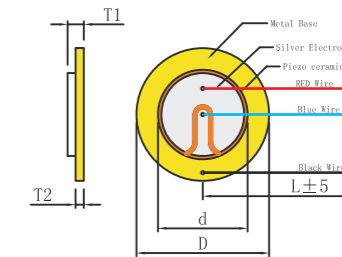
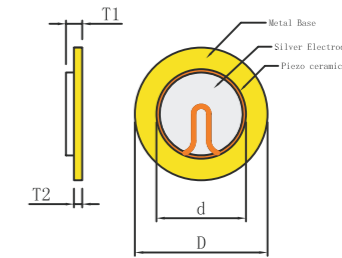
Item	Specification	
	L - KLS3 - FT - 27G - 4.3B1	
Resonant frequency(KHZ)	4.3±0.7	
Resonant impedance(Ω max)	250	
Static capacitance(PF)±30%	21000	
Shape	E	
Metal	BRASS	
Dimension (mm)	D ± 0.1	27
	d ± 0.2	20
	T ± 0.05	0.45
	t ± 0.03	0.23

**L-KLS3-FT-50T**

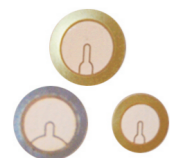
Piezo Plate-Self Drive Type



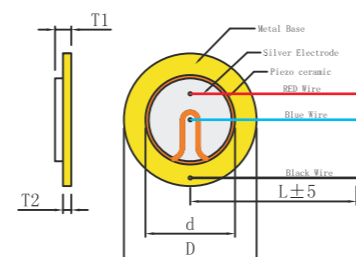
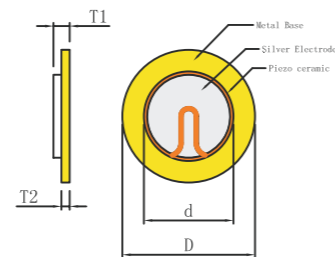
Item	Specification	
	L - KLS3 - FT - 50T - 3.2B1	
Resonant frequency(KHZ)	3.2±0.5	
Resonant impedance(Ω max)	250	
Static capacitance(PF)±30%	30000	
Shape	E	
Metal	BRASS	
Dimension (mm)	D ± 0.1	50
	d ± 0.2	25
	T ± 0.05	0.45
	t ± 0.03	0.23

**L-KLS3-FT-35T**

Piezo Plate-Self Drive Type



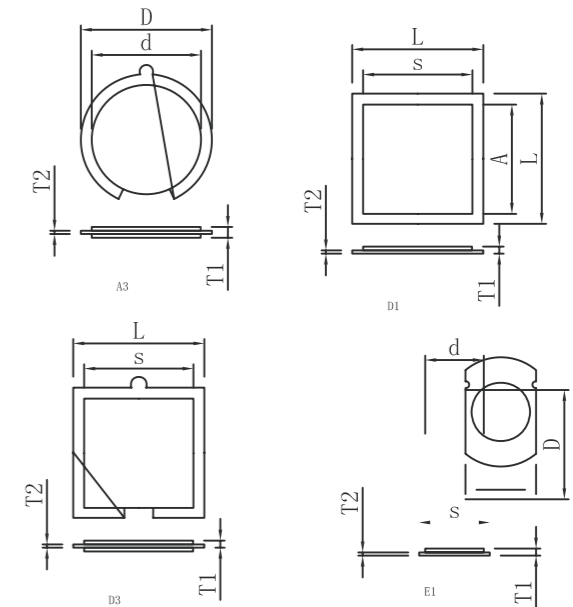
Item	Specification	
	L - KLS3 - FT - 35T - 2.6B1	
Resonant frequency(KHZ)	2.6±0.7	
Resonant impedance(Ω max)	200	
Static capacitance(PF)±30%	30000	
Shape	E	
Metal	BRASS	
Dimension (mm)	D ± 0.1	35
	d ± 0.2	25
	T ± 0.05	0.45
	t ± 0.03	0.23

**L-KLS3-FT-13T**

Special Shape Diaphragm



Item	Specification	
	L - KLS3 - FT - 13T - 10D3	
Resonant frequency(KHZ)	10.0±0.5	
Resonant impedance(Ω max)	80	
Static capacitance(PF)±30%	10000	
Shape	D3	
Metal	BRASS	
Dimension (mm)	D ± 0.1	13
	d ± 0.2	13
	T1 ± 0.05	0.5
	T2 ± 0.03	0.15

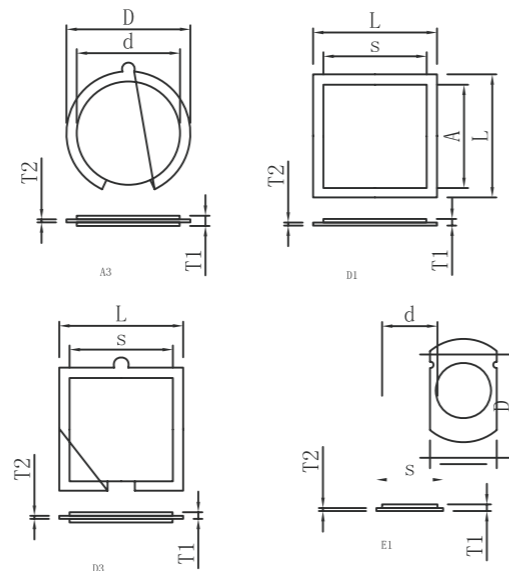


L-KLS3-FT-13.8N

Special Shape Diaphragm



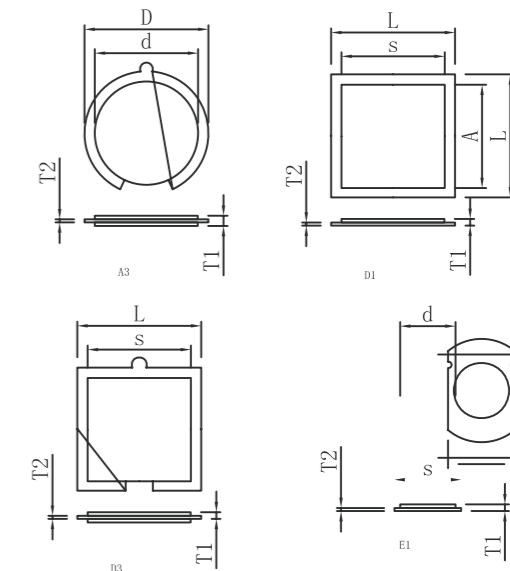
Item	Specification	
	L - KLS3 - FT - 13.8N - 4.9D1	
Resonant frequency(KHZ)	4.9±0.5	
Resonant impedance(Ω max)	300	
Static capacitance(PF)±30%	22000	
Shape	D1	
Metal	ALLOY	
Dimension (mm)	D ± 0.1	13.8
	d ± 0.2	12
	T1 ± 0.05	0.22
	T2 ± 0.03	0.1

**L-KLS3-FT-21.5T**

Special Shape Diaphragm



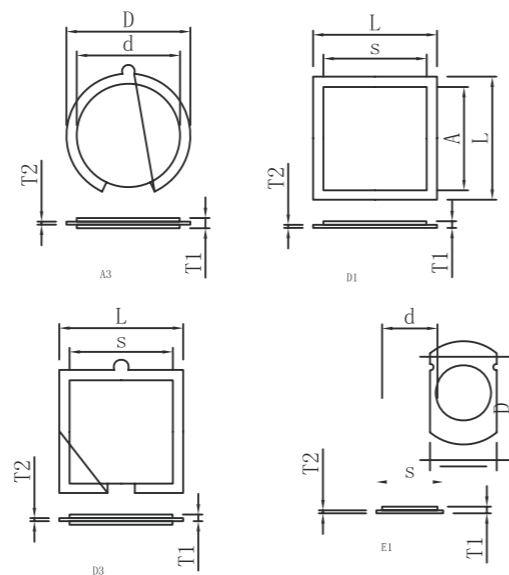
Item	Specification	
	L - KLS3 - FT - 21.5T	
	3.5A3	3.8A3
Resonant frequency(KHZ)	3.5±0.5	3.8±0.5
Resonant impedance(Ω max)	100	100
Static capacitance(PF)±30%	160000	100000
Shape	A3	A3
Metal	BRASS	BRASS
Dimension (mm)	D ± 0.1	21.5
	d ± 0.2	20
	T1 ± 0.05	0.3
	T2 ± 0.03	0.05

**L-KLS3-FT-14.2N**

Special Shape Diaphragm



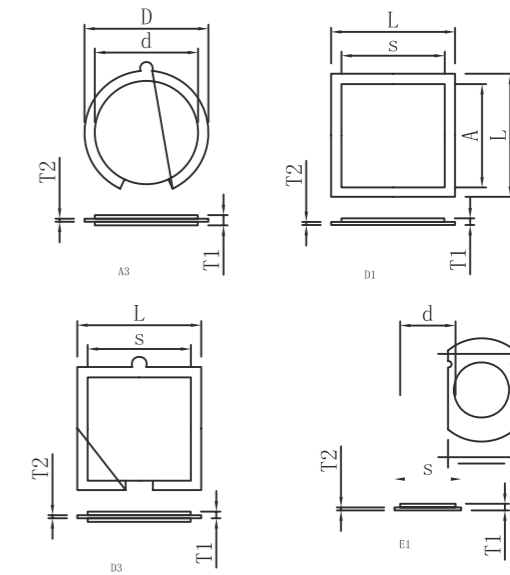
Item	Specification	
	L - KLS3 - FT - 14.2N - 4.5D1	
Resonant frequency(KHZ)	4.5±0.5	
Resonant impedance(Ω max)	300	
Static capacitance(PF)±30%	70000	
Shape	E1	
Metal	ALLOY	
Dimension (mm)	D ± 0.1	14.2
	d ± 0.2	12
	T1 ± 0.05	0.22
	T2 ± 0.03	0.1

**L-KLS3-FT-23.5T**

Special Shape Diaphragm



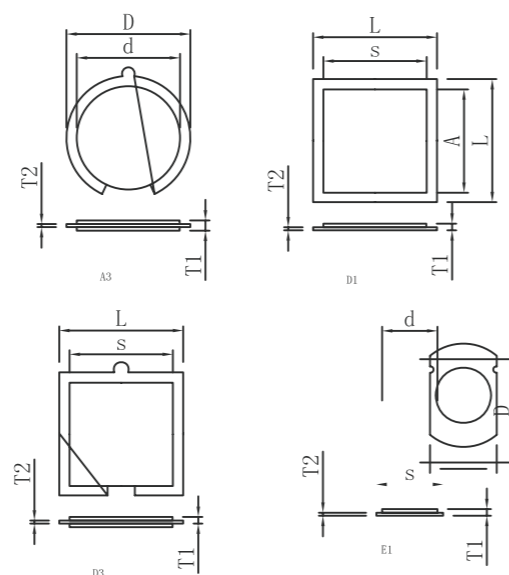
Item	Specification	
	L - KLS3 - FT - 23.5T - 4.8A3	
Resonant frequency(KHZ)	4.8±0.5	
Resonant impedance(Ω max)	100	
Static capacitance(PF)±30%	120000	
Shape	A3	
Metal	BRASS	
Dimension (mm)	D ± 0.1	23.5
	d ± 0.2	22
	T1 ± 0.05	0.4
	T2 ± 0.03	0.05

**L-KLS3-FT-15T**

Special Shape Diaphragm



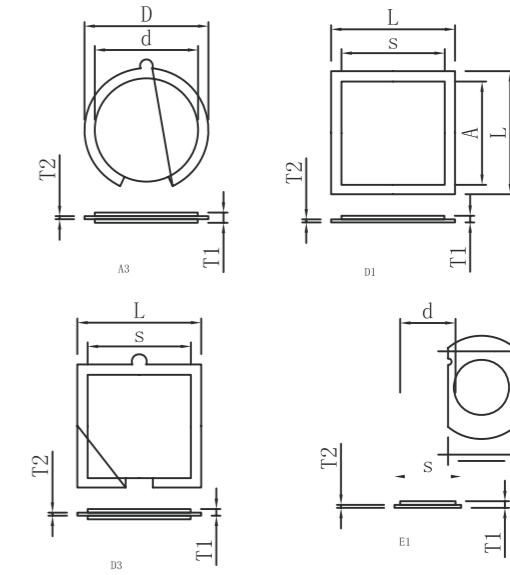
Item	Specification	
	L - KLS3 - FT - 15T - 7.0E1	
Resonant frequency(KHZ)	7.0±0.5	
Resonant impedance(Ω max)	300	
Static capacitance(PF)±30%	55000	
Shape	A3	
Metal	BRASS	
Dimension (mm)	D ± 0.1	15
	d ± 0.2	8
	T1 ± 0.05	0.22
	T2 ± 0.03	0.1

**L-KLS3-FT-27T**

Special Shape Diaphragm



Item	Specification	
	L - KLS3 - FT - 27T - 2.8A3	
Resonant frequency(KHZ)	2.8±0.5	
Resonant impedance(Ω max)	100	
Static capacitance(PF)±30%	130000	
Shape	A3	
Metal	BRASS	
Dimension (mm)	D ± 0.1	27
	d ± 0.2	25
	T1 ± 0.05	0.35
	T2 ± 0.03	0.1



L-KLS3-FT-43T

Special Shape Diaphragm



Item	Specification		
	L - KLS3 - FT - 43T		
	2.5A3	4.5A3	
Resonant frequency(KHZ)	2.5±0.5	4.5±0.5	
Resonant impedance(Ω max)	100	100	
Static capacitance(PF)±30%	150000	80000	
Shape	A3	A3	
Metal	BRASS	BRASS	
Dimension (mm)	D ± 0.1	43	43
	d ± 0.2	25	25
	T1 ± 0.05	0.35	0.65
	T2 ± 0.03	0.1	0.2

