

电声产品专业制造商
PROFESSIONAL OF
ACOUSTIC PRODUCTS
MANUFACTURER

江阴市福鼎通讯器材有限公司
JIANGYIN FUDING COMMUNICATION EQUIPMENT CO.,LTD.

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COMPANY PROFILE

成立于1994年，江阴市福鼎通讯器材有限公司在专业生产蜂鸣器及讯响器件的领域已有20多年的经验。

为了确保产品的质量和可靠性，我们拥有优秀的管理和强大的研发团队。目前有着近300人的福鼎，每年生产超过50,000,000只的蜂鸣器，其中超过一半的贴片蜂鸣器被广泛应用于高端可穿戴设备及移动消费类电子中。

我们已经和来自香港，台湾，日本，韩国，加拿大，美国以及其他国家的客户建立长期的合作关系。

Founded in 1994, Jiangyin Fuding Communication Equipment Co.,Ltd has over 20 years' experience in buzzer and audio components manufacture.

We have a prefect management and R&D team to make sure the reliability and quality for the products. With nearly 300 people in Fuding, we manufactured over 50,000,000 buzzers annually, more than half of them are SMD buzzers which are widely used in advanced wearable devices and mobile consumer electronics.

We have established business relationship with a number of world-class partners in Hong Kong, Taiwan, Japan, Korea, Canada, the United States and other foreign countries.



COMPANY ENVIRONMENT

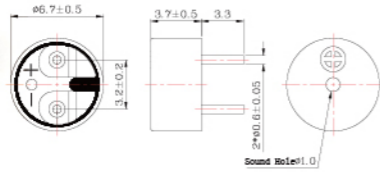


COMPANY HONOR

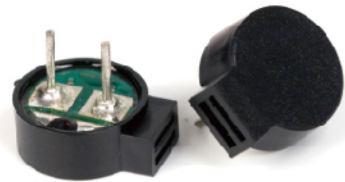




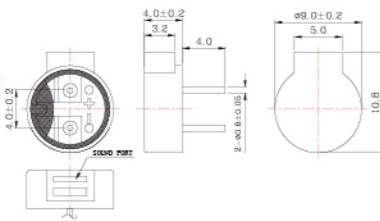
FDC-067037F



Item	Unit	Specification
Oscillation Frequency	Hz	3100
Operating Voltage	V _{o-p}	2 ~ 4
Rated Voltage	V _{o-p}	3
Current Consumption	mA	MAX.80
Sound Pressure Level	dB	MIN. 75
Coil Resistance	Ω	16±3
Operating Temperature	°C	-20 ~ +60
Storage Temperature	°C	-30 ~ +80
Dimension	mm	Φ6.7 x H3.7
Weight (MAX)	gram	0.8



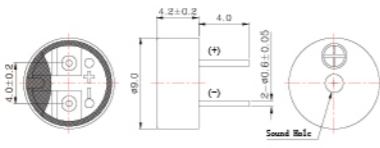
FDC-090040H



Item	Unit	Specification
Oscillation Frequency	Hz	2700
Operating Voltage	V _{o-p}	2.5 ~ 4.5
Rated Voltage	V _{o-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	Φ9.0 x H4.0
Weight (MAX)	gram	1.0



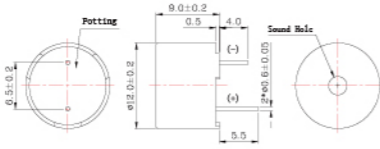
FDC-090042F



Item	Unit	Specification
Oscillation Frequency	Hz	2700
Operating Voltage	V _{o-p}	2 ~ 4
Rated Voltage	V _{o-p}	3
Current Consumption	mA	MAX.100
Sound Pressure Level	dB	MIN. 80
Coil Resistance	Ω	16±3
Operating Temperature	°C	-20 ~ +60
Storage Temperature	°C	-30 ~ +70
Dimension	mm	Φ9.0 x H4.2
Weight (MAX)	gram	0.8



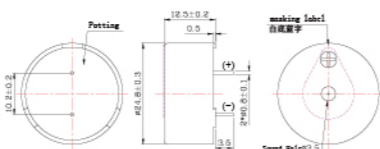
FDC-120090F



Item	Unit	Specification
Oscillation Frequency	Hz	2400
Operating Voltage	V _{o-p}	3 ~ 7
Rated Voltage	V _{o-p}	5
Current Consumption	mA	MAX.40
Sound Pressure Level	dB	MIN. 85
Coil Resistance	Ω	40±5
Operating Temperature	°C	-20 ~ +70
Storage Temperature	°C	-30 ~ +80
Dimension	mm	Φ12.0 x H9.0
Weight (MAX)	gram	2.0



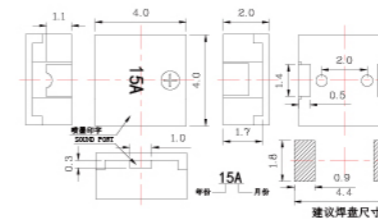
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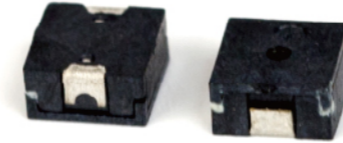
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Oscillation Frequency	Hz	800
Operating Voltage	V _{o-p}	3 ~ 6
Rated Voltage	V _{o-p}	5
Current Consumption	mA	MAX.80
Sound Pressure Level	dB	MIN. 85
Coil Resistance	Ω	33±5
Operating Temperature	°C	-40 ~ +85
Storage Temperature	°C	-40 ~ +85
Dimension	mm	Φ24.8 x H12.5
Weight (MAX)	gram	8.2



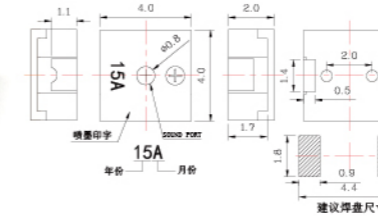
SMD-040020H



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



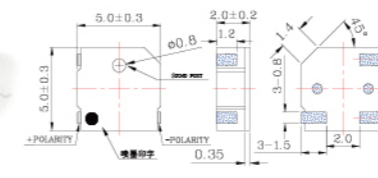
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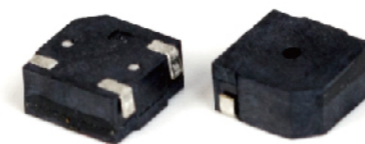
Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	V _{o-p}	2 ~ 4
Rated Voltage	V _{o-p}	3
Current Consumption	mA	MAX. 90
Sound Pressure Level	dB	MIN. 70
Coil Resistance	Ω	17±3
Operating Temperature	°C	-20 ~ +70
Storage Temperature	°C	-30 ~ +80
Dimension	mm	4.0 x 4.0 x H2.0
Weight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



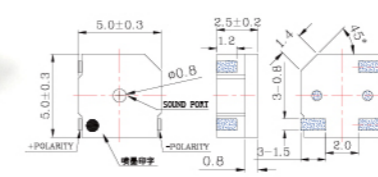
SMD-050020F



Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	V _{o-p}	2 ~ 4
Rated Voltage	V _{o-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	5.0 x 5.0 x H2.0
Weight (MAX)	gram	0.1

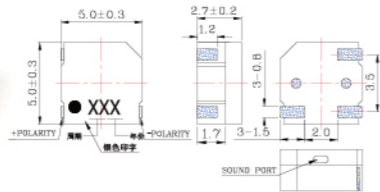
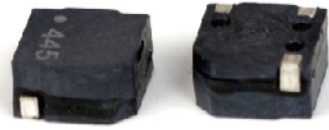


SMD-050025F



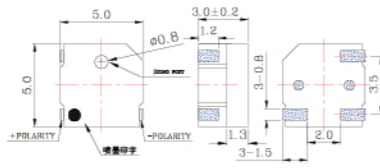
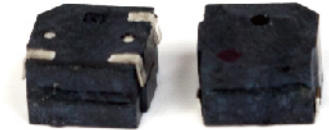
Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	V _{o-p}	2 ~ 4
Rated Voltage	V _{o-p}	3
Current Consumption	mA	MAX. 110
Sound Pressure Level	dB	MIN. 75
Coil Resistance	Ω	12±3
Operating Temperature	°C	-30 ~ +70
Storage Temperature	°C	-40 ~ +85
Dimension	mm	5.0 x 5.0 x H2.5
Weight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

SMD-050027H



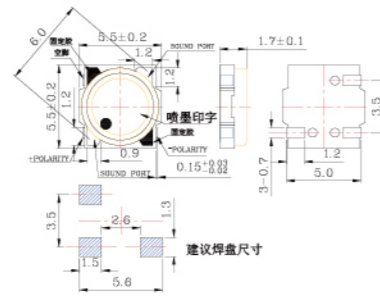
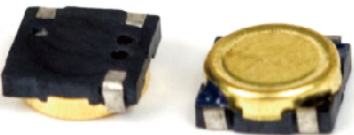
Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	V _{o-p}	2~4
Rated Voltage	V _{o-p}	3
Current Consumption	mA	MAX. 110
Sound Pressure Level	dB	MIN. 75
Coil Resistance	Ω	12±3
Operating Temperature	°C	-30 ~ +70
Storage Temperature	°C	-40 ~ +80
Dimension	mm	5.0 x 5.0 x H2.7
Weight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

SMD-050030F



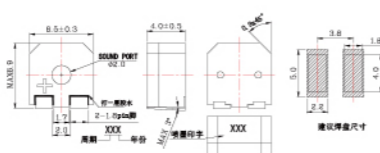
Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	V _{o-p}	2 ~ 4
Rated Voltage	V _{o-p}	3
Current Consumption	mA	MAX. 110
Sound Pressure Level	dB	MIN. 75
Coil Resistance	Ω	12±3
Operating Temperature	°C	-30 ~ +70
Storage Temperature	°C	-40 ~ +85
Dimension	mm	5.0 x 5.0 x H3.0
Weight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

SMD-055017F



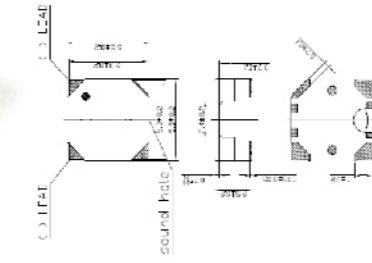
Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	V _{o-p}	2 ~ 4
Rated Voltage	V _{o-p}	3
Current Consumption	mA	MAX. 110
Sound Pressure Level	dB	MIN. 75
Coil Resistance	Ω	12±3
Operating Temperature	°C	-20 ~ +70
Storage Temperature	°C	-30 ~ +80
Dimension	mm	5.5 x 5.5 x H1.7
Weight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

SMD-065040F



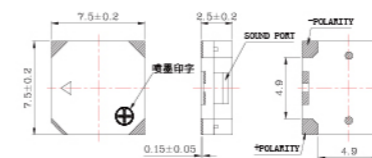
Item	Unit	Specification
Oscillation Frequency	Hz	2700
Operating Voltage	V _{o-p}	2.5~4.5
Rated Voltage	V _{o-p}	3.6
Current Consumption	mA	MAX. 120
Sound Pressure Level	dB	MIN. 85
Coil Resistance	Ω	12±2
Operating Temperature	°C	-40 ~ +85
Storage Temperature	°C	-40 ~ +85
Dimension	mm	6.5 x 6.5 x H4.0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

SMD-055025H



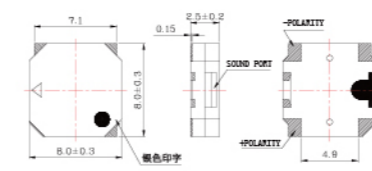
Item	Unit	Specification
Oscillation Frequency	Hz	3100
Operating Voltage	V _{o-p}	2.5~4.5
Rated Voltage	V _{o-p}	3
Current Consumption	mA	MAX. 120
Sound Pressure Level	dB	MIN. 85
Coil Resistance	Ω	10±1.5
Operating Temperature	°C	-40 ~ +85
Storage Temperature	°C	-40 ~ +85
Dimension	mm	5.5 x 5.5 x H2.5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

SMD-075025H



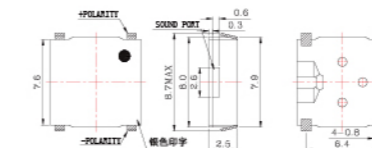
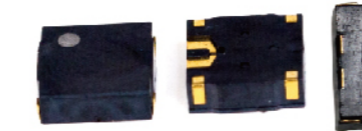
Item	Unit	Specification
Oscillation Frequency	Hz	2700
Operating Voltage	V _{o-p}	2.5~4.5
Rated Voltage	V _{o-p}	3.6
Current Consumption	mA	MAX. 100
Sound Pressure Level	dB	MIN. 80
Coil Resistance	Ω	16±3
Operating Temperature	°C	-30 ~ +70
Storage Temperature	°C	-40 ~ +85
Dimension	mm	7.5 x 7.5 x H2.5
Weight (MAX)	gram	0.8

SMD-080025H



Item	Unit	Specification
Oscillation Frequency	Hz	2700
Operating Voltage	V _{o-p}	2.5~4.5
Rated Voltage	V _{o-p}	3.6
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 ~ +80
Dimension	mm	8.0 x 8.0 x H2.5
Weight (MAX)	gram	0.8

SMD-080025H

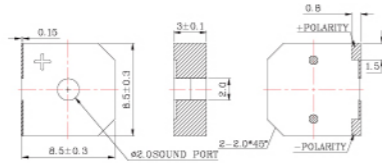
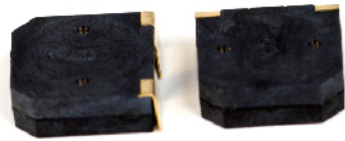


Item	Unit	Specification
Oscillation Frequency	Hz	2730
Operating Voltage	V _{o-p}	2.5~4.5
Rated Voltage	V _{o-p}	3.6
Current Consumption	mA	MAX. 100
Sound Pressure Level	dB	MIN. 85
Coil Resistance	Ω	16±3
Operating Temperature	°C	-40 ~ +85
Storage Temperature	°C	-40 ~ +85
Dimension	mm	8.0 x 8.0 x H2.5
Weight (MAX)	gram	0.5

MAGNETIC PASSIVE SMD BUZZER
电磁无源贴片蜂鸣器

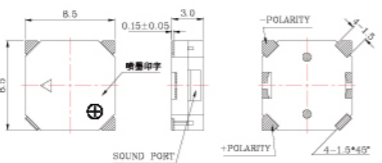
MAGNETIC PASSIVE SMD BUZZER
电磁无源贴片蜂鸣器

SMD-085030F



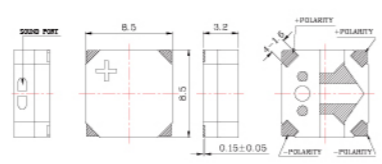
Item	Unit	Specification
Oscillation Frequency	Hz	2730
Operating Voltage	V _{o-p}	2.5 ~ 4.5
Rated Voltage	V _{o-p}	3.6
Current Consumption	mA	MAX. 100
Sound Pressure Level	dB	MIN. 85
Coil Resistance	Ω	16±3
Operating Temperature	°C	-20 ~ +60
Storage Temperature	°C	-30 ~ +80
Dimension	mm	8.5 x 8.5 x H3.0
Weight (MAX)	gram	0.6

SMD-085030H



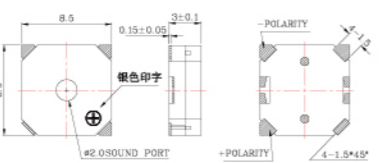
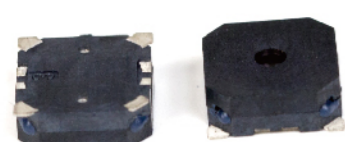
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Oscillation Frequency	Hz	2700
Operating Voltage	V _{o-p}	2.5 ~ 4.5
Rated Voltage	V _{o-p}	3.6
Current Consumption	mA	MAX. 100
Sound Pressure Level	dB	MIN. 85
Coil Resistance	Ω	16±3
Operating Temperature	°C	-20 ~ +60
Storage Temperature	°C	-30 ~ +80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

SMD-085030H



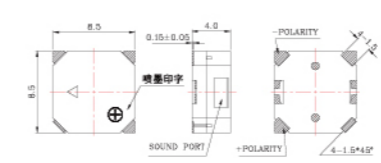
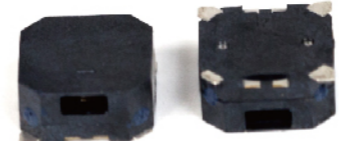
Item	Unit	Specification
Oscillation Frequency	Hz	2730
Operating Voltage	V _{o-p}	3 ~ 5
Rated Voltage	V _{o-p}	3.6
Current Consumption	mA	MAX. 80
Sound Pressure Level	dB	MIN. 90
Coil Resistance	Ω	20±3
Operating Temperature	°C	-30 ~ +70
Storage Temperature	°C	-40 ~ +85
Dimension	mm	8.5 x 8.5 x H3.2
Weight (MAX)	gram	0.8

SMD-085030F



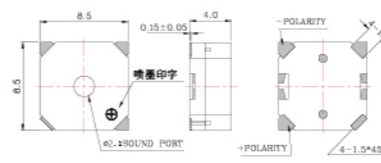
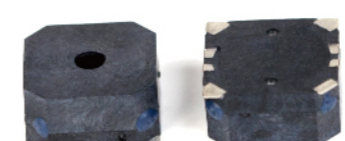
Item	Unit	Specification
Oscillation Frequency	Hz	2700
Operating Voltage	V _{o-p}	2.5 ~ 4.5
Rated Voltage	V _{o-p}	3.6
Current Consumption	mA	MAX. 100
Sound Pressure Level	dB	MIN. 85
Coil Resistance	Ω	16±3
Operating Temperature	°C	-20 ~ +60
Storage Temperature	°C	-30 ~ +80
Dimension	mm	8.5 x 8.5 x H3.0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

SMD-085040H



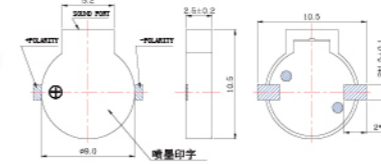
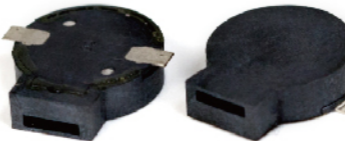
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Oscillation Frequency	Hz	2700
Operating Voltage	V _{o-p}	2.5 ~ 4.5
Rated Voltage	V _{o-p}	3.6
Current Consumption	mA	MAX. 100
Sound Pressure Level	dB	MIN. 85
Coil Resistance	Ω	16±3
Operating Temperature	°C	-20 ~ +85
Storage Temperature	°C	-30 ~ +90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

SMD-085040F



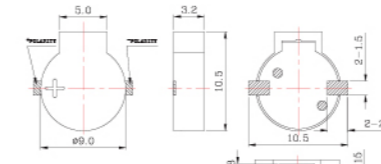
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Operating Voltage	V _{o-p}	2.5~4.5
Rated Voltage	V _{o-p}	3.6
Current Consumption	mA	MAX. 100
Sound Pressure Level	dB	MIN. 85
Coil Resistance	Ω	16±3
Operating Temperature	°C	-20 ~ +70
Storage Temperature	°C	-30 ~ +80
Dimension	mm	8.5 x 8.5 x H4.0
Weight (MAX)	gram	0.8

SMD-090025H



Item	Unit	Specification
Oscillation Frequency	Hz	2700
Operating Voltage	V _{o-p}	2 ~ 4
Rated Voltage	V _{o-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	Φ9.0x H2.5
Weight (MAX)	gram	0.8

SMD-090032H

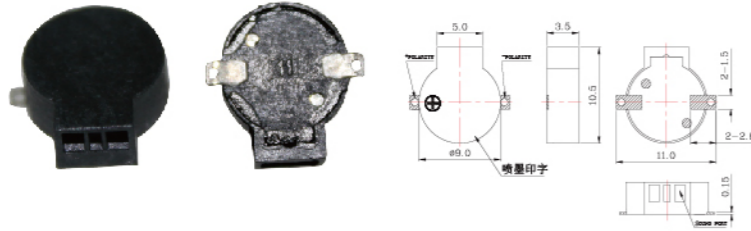


Item	Unit	Specification
Oscillation Frequency	Hz	2700
Operating Voltage	V _{o-p}	2 ~ 4
Rated Voltage	V _{o-p}	3
Current Consumption	mA	MAX. 100
Sound Pressure Level	dB	MIN. 85
Coil Resistance	Ω	16±3
Operating Temperature	°C	-30 ~ +70
Storage Temperature	°C	-40 ~ +85
Dimension	mm	Φ9.0x H3.2
Weight (MAX)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

MAGNETIC PASSIVE SMD BUZZER
电磁无源贴片 蜂鸣器

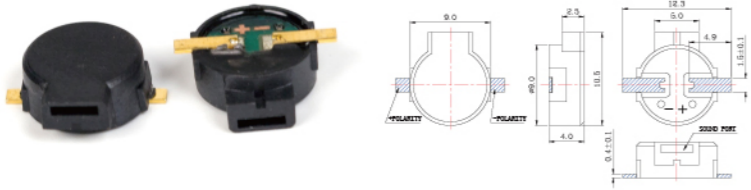
MAGNETIC PASSIVE SMD BUZZER
电磁无源贴片 蜂鸣器

SMD-090035H



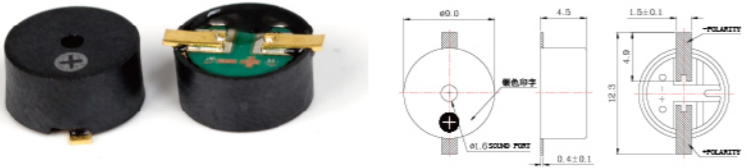
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Operating Voltage	V _{o-p}	2.5 ~ 4.5
Rated Voltage	V _{o-p}	3.6
Current Consumption	mA	MAX. 100
Sound Pressure Level	dB	MIN. 85
Coil Resistance	Ω	16±3
Operating Temperature	°C	-30 ~ +70
Storage Temperature	°C	-40 ~ +85
Dimension	mm	Φ9.0x H3.5
Weight (MAX)	gram	0.8

SMD-090040H



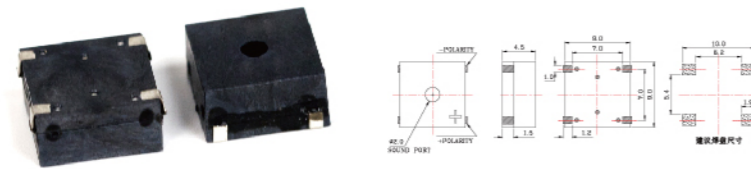
Item	Unit	Specification
Oscillation Frequency	Hz	2700
Operating Voltage	V _{o-p}	2.5 ~ 4.5
Rated Voltage	V _{o-p}	3.6
Current Consumption	mA	MAX. 100
Sound Pressure Level	dB	MIN. 85
Coil Resistance	Ω	16±3
Operating Temperature	°C	-20 ~ +70
Storage Temperature	°C	-30 ~ +80
Dimension	mm	Φ9.0 x H4.0
Weight (MAX)	gram	1.0

SMD-090045F



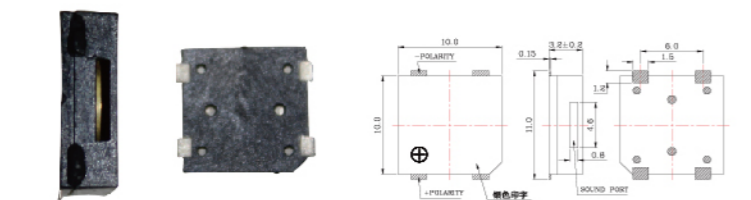
Item	Unit	Specification
Oscillation Frequency	Hz	2731
Operating Voltage	V _{o-p}	2 ~ 4
Rated Voltage	V _{o-p}	3
Current Consumption	mA	MAX. 80
Sound Pressure Level	dB	MIN. 85
Coil Resistance	Ω	16±3
Operating Temperature	°C	-20 ~ +70
Storage Temperature	°C	-30 ~ +80
Dimension	mm	Φ9.0 x H4.5
Weight (MAX)	gram	0.8

SMD-090945F



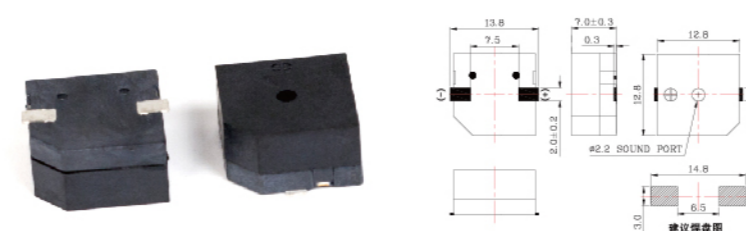
Item	Unit	Specification
Oscillation Frequency	Hz	3000
Operating Voltage	V _{o-p}	2 ~ 4
Rated Voltage	V _{o-p}	3
Current Consumption	mA	MAX. 80
Sound Pressure Level	dB	MIN. 87
Coil Resistance	Ω	18±3
Operating Temperature	°C	-40 ~ +85
Storage Temperature	°C	-40 ~ +85
Dimension	mm	9.0 x 9.0 x H4.5
Weight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

SMD-100032H



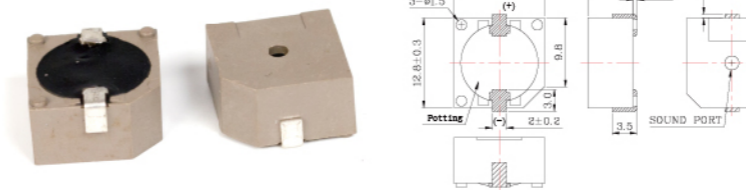
Item	Unit	Specification
Oscillation Frequency	Hz	2830
Operating Voltage	V _{o-p}	2.5~4.5
Rated Voltage	V _{o-p}	3.6
Current Consumption	mA	MAX. 100
Sound Pressure Level	dB	MIN. 90
Coil Resistance	Ω	18±3
Operating Temperature	°C	-20 ~ +60
Storage Temperature	°C	-30 ~ +80
Dimension	mm	10 x 10 x H3.2
Weight (MAX)	gram	0.8

SMD-128070F



Item	Unit	Specification
Oscillation Frequency	KHz	2400
Operating Voltage	VDC	3 ~ 7
Rated Voltage	VDC	5
Current Consumption	mA	MAX. 90
Sound Pressure Level	dB	MIN. 90
Coil Resistance	Ω	47±4
Operating Temperature	°C	-40 ~ +85
Storage Temperature	°C	-40 ~ +90
Dimension	mm	12.8 x 12.8 x H7.0
Weight (MAX)	gram	2.0

SMD-128065F



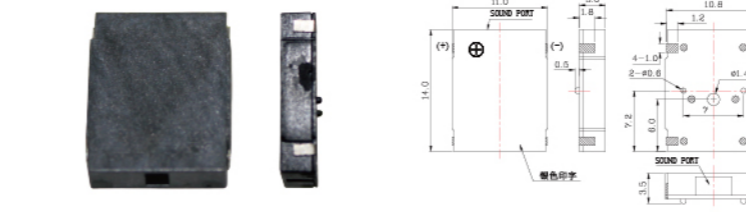
Item	Unit	Specification
Oscillation Frequency	KHz	2400
Operating Voltage	V _{o-p}	4 ~ 7
Rated Voltage	V _{o-p}	5
Current Consumption	mA	MAX. 50
Sound Pressure Level	dB	MIN. 85
Coil Resistance	Ω	45±5
Operating Temperature	°C	-20 ~ +70
Storage Temperature	°C	-30 ~ +80
Dimension	mm	12.8 x 12.8 x H7.0
Weight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

SMD-128100F



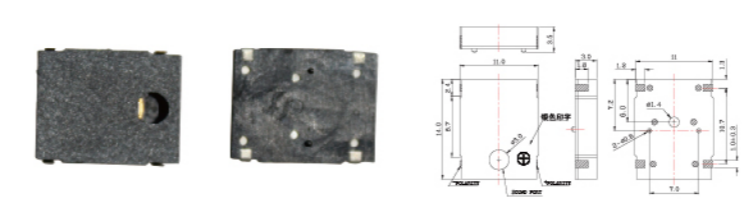
Item	Unit	Specification
Oscillation Frequency	Hz	2400
Operating Voltage	V _{o-p}	4 ~ 8
Rated Voltage	V _{o-p}	5
Current Consumption	mA	MAX. 40
Sound Pressure Level	dB	MIN. 85
Coil Resistance	Ω	47±5
Operating Temperature	°C	-40 ~ +85
Storage Temperature	°C	-40 ~ +85
Dimension	mm	12.8 x 12.8 x H10
Weight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

SMD-140035H



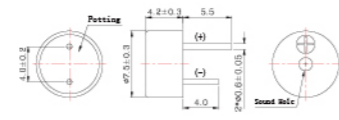
Item	Unit	Specification
Oscillation Frequency	Hz	2731
Operating Voltage	V _{o-p}	4 ~ 6
Rated Voltage	V _{o-p}	5
Current Consumption	mA	MAX. 80
Sound Pressure Level	dB	MIN. 87
Coil Resistance	Ω	40±4
Operating Temperature	°C	-40 ~ +85
Storage Temperature	°C	-40 ~ +90
Dimension	mm	14 x 11 x H3.5
Weight (MAX)	gram	1.0

SMD-140035F



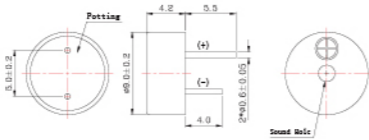
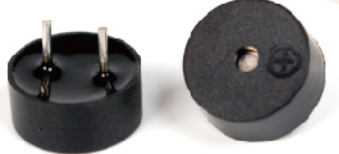
Item	Unit	Specification
Oscillation Frequency	Hz	2730
Operating Voltage	V _{o-p}	3 ~ 7
Rated Voltage	V _{o-p}	5
Current Consumption	mA	MAX. 80
Sound Pressure Level	dB	MIN. 87
Coil Resistance	Ω	40±5
Operating Temperature	°C	-20 ~ +60
Storage Temperature	°C	-30 ~ +80
Dimension	mm	14.0 x 11.0 x H3.5
Weight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

FDB-075042F



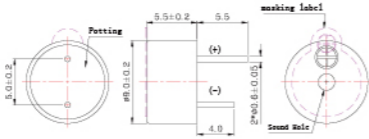
Item	Unit	Specification
Oscillation Frequency	KHz	3.1 ± 0.4
Operating Voltage	VDC	4 ~ 7
Rated Voltage	VDC	5
Current Consumption	mA	MAX. 30
Sound Pressure Level	dB	MIN. 80
Tone/Pulse Rate		Constant
Operating Temperature	°C	-20 ~ +70
Storage Temperature	°C	-30 ~ +80
Dimension	mm	Φ7.5 x H4.2
Weight (MAX)	gram	1.0

FDB-090042F



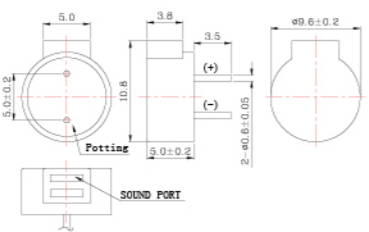
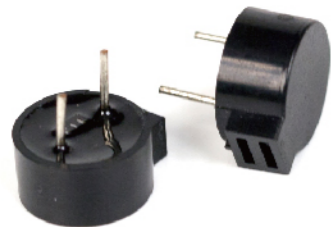
Item	Unit	Specification
Oscillation Frequency	KHz	2.7 ± 0.3
Operating Voltage	VDC	2 ~ 5
Rated Voltage	VDC	3
Current Consumption	mA	MAX. 30
Sound Pressure Level	dB	MIN. 80
Tone/Pulse Rate		Constant
Operating Temperature	°C	-20 ~ +70
Storage Temperature	°C	-30 ~ +80
Dimension	mm	Φ9.0 x H4.2
Weight (MAX)	gram	1.0

FDB-090055F



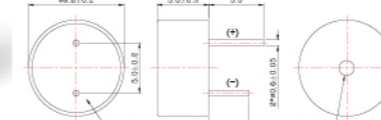
Item	Unit	Specification
Oscillation Frequency	KHz	2.7 ± 0.3
Operating Voltage	VDC	2 ~ 4.2
Rated Voltage	VDC	3
Current Consumption	mA	MAX. 30
Sound Pressure Level	dB	MIN. 80
Tone/Pulse Rate		Constant
Operating Temperature	°C	-20 ~ +70
Storage Temperature	°C	-30 ~ +80
Dimension	mm	Φ9.0 x H5.5
Weight (MAX)	gram	1.0

FDB-096050H



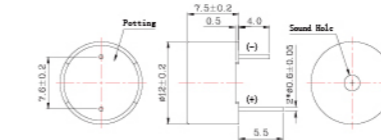
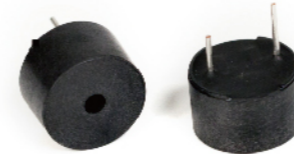
Item	Unit	Specification
Oscillation Frequency	KHz	2.7 ± 0.3
Operating Voltage	VDC	3 ~ 7
Rated Voltage	VDC	5
Current Consumption	mA	MAX. 30
Sound Pressure Level	dB	MIN. 82
Tone/Pulse Rate		Constant
Operating Temperature	°C	-20 ~ +60
Storage Temperature	°C	-30 ~ +70
Dimension	mm	Φ9.6 x H5.0
Weight (MAX)	gram	1.0

FDB-096050F



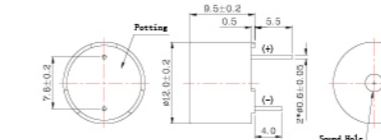
Item	Unit	Specification
Oscillation Frequency	KHz	2.7 ± 0.3
Operating Voltage	VDC	2 ~ 5
Rated Voltage	VDC	3
Current Consumption	mA	MAX. 30
Sound Pressure Level	dB	MIN. 80
Tone/Pulse Rate		Constant
Operating Temperature	°C	-20 ~ +70
Storage Temperature	°C	-30 ~ +80
Dimension	mm	Φ9.6 x H5.0
Weight (MAX)	gram	1.0

FDB-120075F



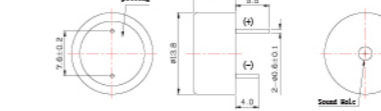
Item	Unit	Specification
Oscillation Frequency	KHz	2.3 ± 0.3
Operating Voltage	VDC	4 ~ 7
Rated Voltage	VDC	5
Current Consumption	mA	MAX. 30
Sound Pressure Level	dB	MIN. 85
Tone/Pulse Rate		Constant
Operating Temperature	°C	-20 ~ +70
Storage Temperature	°C	-30 ~ +80
Dimension	mm	Φ12.0 x H7.5
Weight (MAX)	gram	2.0

FDB-120095F



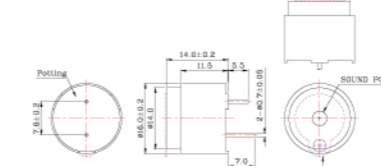
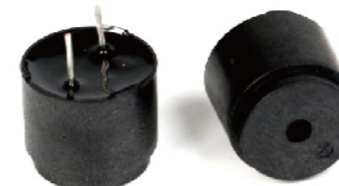
Item	Unit	Specification
Oscillation Frequency	KHz	2.3 ± 0.3
Operating Voltage	VDC	4.0 ~ 7.0
Rated Voltage	VDC	5.0
Current Consumption	mA	MAX. 30
Sound Pressure Level	dB	MIN. 85
Tone/Pulse Rate		Constant
Operating Temperature	°C	-20 ~ +70
Storage Temperature	°C	-30 ~ +80
Dimension	mm	Φ12.0 x H9.5
Weight (MAX)	gram	2.0

FDB-140070F



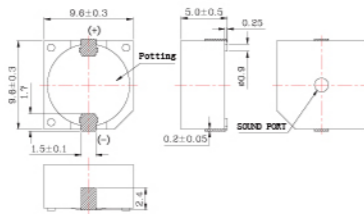
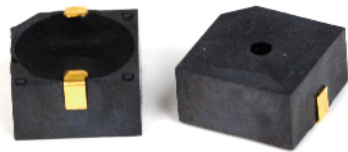
Item	Unit	Specification
Oscillation Frequency	KHz	3.1 ± 0.3
Operating Voltage	VDC	8 ~ 16
Rated Voltage	VDC	12
Current Consumption	mA	MAX. 30
Sound Pressure Level	dB	MIN. 85
Tone/Pulse Rate		Constant
Operating Temperature	°C	-20 ~ +70
Storage Temperature	°C	-30 ~ +80
Dimension	mm	Φ13.8 x H7
Weight (MAX)	gram	2.0

FDB-160140F



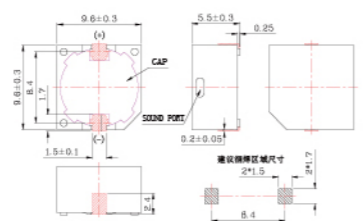
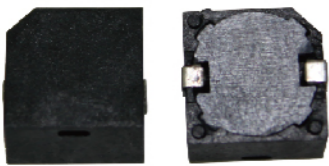
Item	Unit	Specification
Oscillation Frequency	KHz	2.2 ± 0.3
Operating Voltage	VDC	3 ~ 9
Rated Voltage	VDC	6
Current Consumption	mA	MAX. 30
Sound Pressure Level	dB	MIN. 85
Tone/Pulse Rate		Constant
Operating Temperature	°C	-30 ~ +75
Storage Temperature	°C	-40 ~ +85
Dimension	mm	16 x H14
Weight (MAX)	gram	7

SMD-096050F



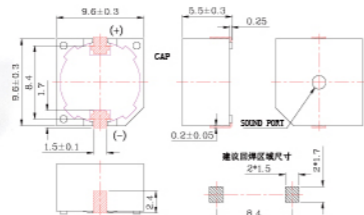
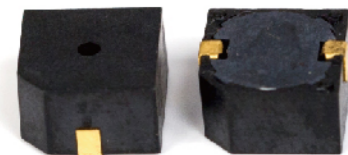
Item	Unit	Specification
Oscillation Frequency	KHz	2.7±0.3
Operating Voltage	VDC	4~7
Rated Voltage	VDC	5
Current Consumption	mA	MAX. 30
Sound Pressure Level	dB	MIN. 80
Tone Nature		Single
Operating Temperature	°C	-20 ~ +70
Storage Temperature	°C	-30 ~ +85
Dimension	mm	9.6x 9.6x H5.0
Weight (MAX)	gram	1.5

SMD-096055H



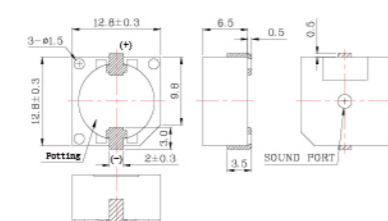
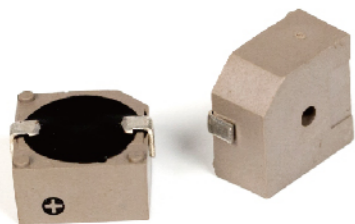
Item	Unit	Specification
Oscillation Frequency	KHz	2.7±0.3
Operating Voltage	VDC	4~7
Rated Voltage	VDC	5
Current Consumption	mA	MAX. 30
Sound Pressure Level	dB	MIN. 83
Tone Nature		Single
Operating Temperature	°C	-20 ~ +70
Storage Temperature	°C	-30 ~ +85
Dimension	mm	9.6x 9.6x H5.5
Weight (MAX)	gram	1.5

SMD-096055F



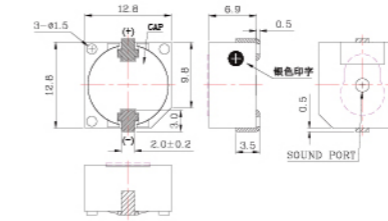
Item	Unit	Specification
Oscillation Frequency	KHz	2.7±0.3
Operating Voltage	VDC	4~7
Rated Voltage	VDC	5
Current Consumption	mA	MAX. 30
Sound Pressure Level	dB	MIN. 83
Tone Nature		Single
Operating Temperature	°C	-20 ~ +70
Storage Temperature	°C	-30 ~ +85
Dimension	mm	9.6x 9.6x H5.5
Weight (MAX)	gram	1.5

SMD-128065F



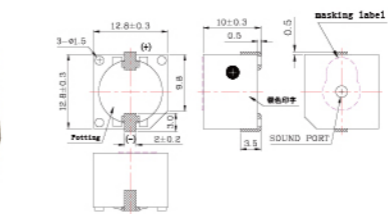
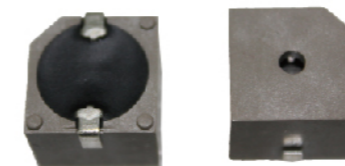
Item	Unit	Specification
Oscillation Frequency	KHz	2.4 ± 0.4
Operating Voltage	VDC	4 ~ 7
Rated Voltage	VDC	5
Current Consumption	mA	MAX. 30
Sound Pressure Level	dB	MIN. 85
Tone Nature		Constant
Operating Temperature	°C	-20 ~ +70
Storage Temperature	°C	-30 ~ +80
Dimension	mm	12.8 x 12.8 x H7
Weight (MAX)	gram	2.0

SMD-128070F



Item	Unit	Specification
Oscillation Frequency	KHz	2.4 ± 0.3
Operating Voltage	VDC	3~7
Rated Voltage	VDC	5
Current Consumption	mA	MAX. 30
Sound Pressure Level	dB	MIN. 85
Tone/Pulse Rate		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

SMD-128100F



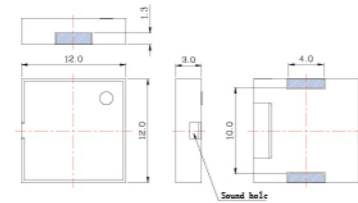
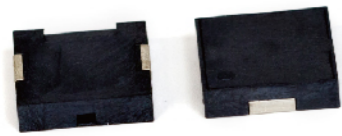
Item	Unit	Specification
Oscillation Frequency	KHz	2.4 ± 0.3
Operating Voltage	VDC	4 ~ 7
Rated Voltage	VDC	5
Current Consumption	mA	MAX. 30
Sound Pressure Level	dB	MIN. 85
Tone/Pulse Rate		Single
Operating Temperature	°C	-20 ~ +70
Storage Temperature	°C	-30 ~ +85
Dimension	mm	12.8 x 12.8 x H10
Weight (MAX)	gram	2.5



MAGNETIC ACTIVE SMD BUZZER
电磁有源贴片蜂鸣器

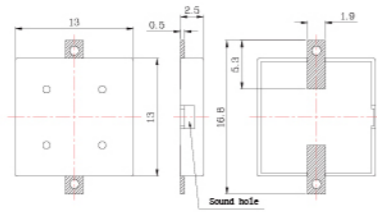
MAGNETIC ACTIVE SMD BUZZER
电磁有源贴片蜂鸣器

SMD-120030H



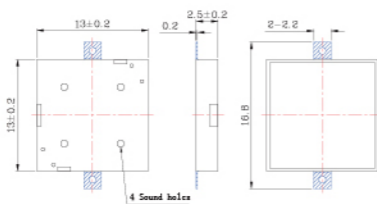
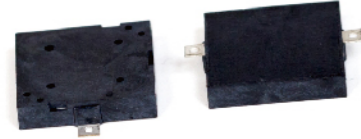
Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	Vp-p	1~25
Rated Voltage	Vp-p	3
Current Consumption	mA	MAX. 5
Sound Pressure Level	dB	MIN. 75
Electrostatic Capacity	pF	16000±30%
Operating Temperature	°C	-20~ +70
Storage Temperature	°C	-30 ~ +80
Dimension	mm	12 x 12 x H3
Weight (MAX)	gram	0.4

SMD-130025H



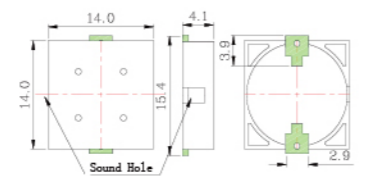
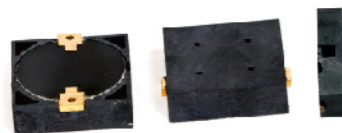
Item	Unit	Specification
Oscillation Frequency	Hz	4100
Operating Voltage	Vp-p	1~25
Rated Voltage	Vp-p	5
Current Consumption	mA	MAX. 8
Sound Pressure Level	dB	MIN. 75
Electrostatic Capacity	pF	16000±30%
Operating Temperature	°C	-20~ +70
Storage Temperature	°C	-30 ~ +80
Dimension	mm	13.0 x 13.0 x H2.5
Weight (MAX)	gram	1.0

SMD-130025F



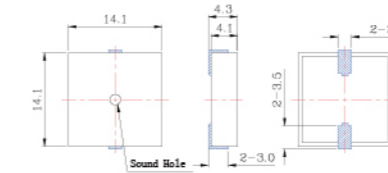
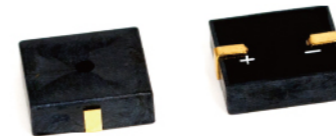
Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	Vp-p	1 ~ 25
Rated Voltage	Vp-p	5
Current Consumption	mA	MAX. 3
Sound Pressure Level	dB	MIN. 75
Electrostatic Capacity	pF	16000±30%
Operating Temperature	°C	-40~ +120
Storage Temperature	°C	-40 ~ +120
Dimension	mm	13 x 13 x H2.5
Weight (MAX)	gram	0.5

SMD-140040H



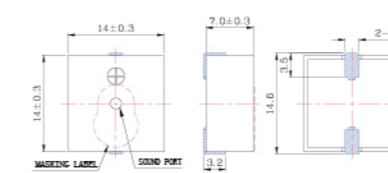
Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	Vp-p	1~25
Rated Voltage	Vp-p	5
Current Consumption	mA	MAX. 5
Sound Pressure Level	dB	MIN. 80
Electrostatic Capacity	pF	15000±30%
Operating Temperature	°C	-30~ +85
Storage Temperature	°C	-40 ~ +85
Dimension	mm	14.1 x 14.1 x H4.1
Weight (MAX)	gram	1.2

SMD-140040F



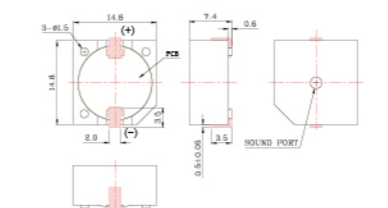
Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	Vp-p	1~25
Rated Voltage	Vp-p	5
Current Consumption	mA	MAX. 2
Sound Pressure Level	dB	MIN. 75
Electrostatic Capacity	pF	12000±30%
Operating Temperature	°C	-30~ +70
Storage Temperature	°C	-40 ~ +80
Dimension	mm	14.1 x 14.1 x H4.3
Weight (MAX)	gram	1.2

SMD-140070F



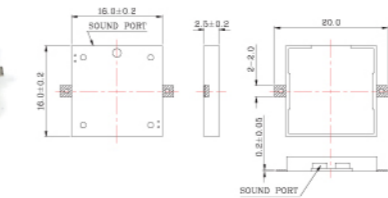
Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	Vp-p	1~30
Rated Voltage	Vp-p	5
Current Consumption	mA	MAX. 5
Sound Pressure Level	dB	MIN. 85
Electrostatic Capacity	pF	16000±30%
Operating Temperature	°C	-30~ +70
Storage Temperature	°C	-40 ~ +80
Dimension	mm	14 x 14 x H7
Weight (MAX)	gram	2.0

SMD-150070F



Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	Vp-p	3~20
Rated Voltage	Vp-p	5
Current Consumption	mA	MAX. 2
Sound Pressure Level	dB	MIN. 80
Electrostatic Capacity	pF	15000±30%
Operating Temperature	°C	-25~ +85
Storage Temperature	°C	-40 ~ +85
Dimension	mm	14.8 x 14.8 x H7.4
Weight (MAX)	gram	2.0

SMD-160025H

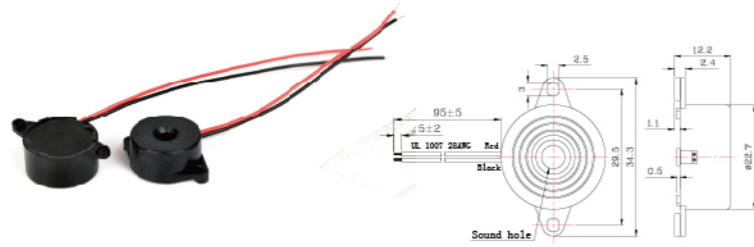


Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	Vp-p	1~25
Rated Voltage	Vp-p	3
Current Consumption	mA	MAX. 2
Sound Pressure Level	dB	MIN. 70
Electrostatic Capacity	pF	16000±30%
Operating Temperature	°C	-30~ +70
Storage Temperature	°C	-40 ~ +85
Dimension	mm	16 x 16 x H2.5
Weight (MAX)	gram	1.0

PIEZO PASSIVE SMD BUZZER
压电无源贴片 蜂鸣器

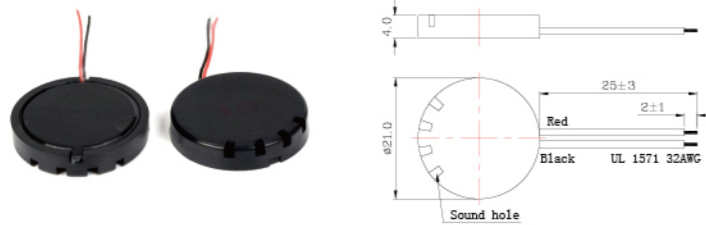
PIEZO PASSIVE SMD BUZZER
压电无源贴片 蜂鸣器

FDK-230120F



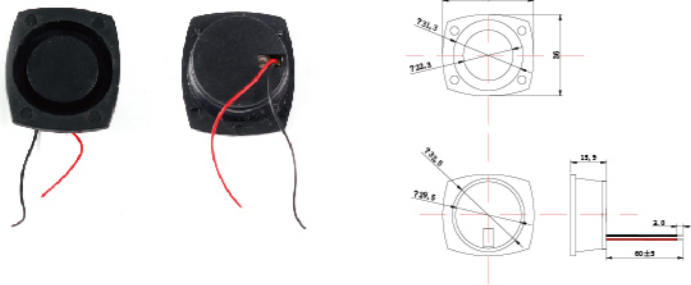
Item	Unit	Specification
Oscillation Frequency	KHz	3.0±0.5
Operating Voltage	VDC	3 ~ 20
Rated Voltage	VDC	12
Current Consumption	mA	MAX. 10
Sound Pressure Level	dB	MIN. 80
Tone Nature		Constant
Operating Temperature	°C	-20~ +60
Storage Temperature	°C	-30 ~ +70
Dimension	mm	Φ22.7x H12.2
Weight (MAX)	gram	4.0

FDT-210040F



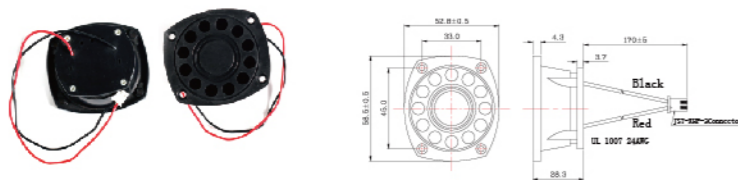
Item	Unit	Specification
Oscillation Frequency	Hz	4100
Operating Voltage	Vp-p	1 ~ 25
Rated Voltage	Vp-p	3
Current Consumption	mA	MAX.3
Sound Pressure Level	dB	MIN.92
Electrostatic Capacity	pF	25000±30%
Operating Temperature	°C	-20~ +70
Storage Temperature	°C	-30 ~ +80
Dimension	mm	Φ21 x H4
Weight (MAX)	gram	4.0

FDT-410160F-12044W60



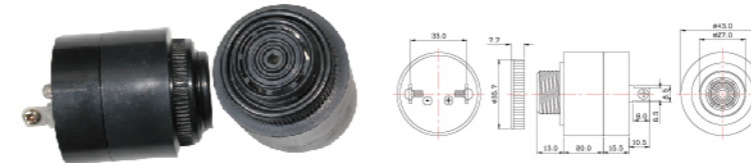
Item	Unit	Specification
Oscillation Frequency	KHz	4.4±0.5
Operating Voltage	Vp-p	1 ~ 30
Rated Voltage	Vp-p	12
Current Consumption	mA	MAX. 5
Sound Pressure Level	dB	MIN. 85
Electrostatic Capacity	pF	23000±30%
Operating Temperature	°C	-30~ +70
Storage Temperature	°C	-30 ~ +75
Dimension	mm	40.9 x 36.0 x H15.9
Weight (MAX)	gram	10

FDT-585283F-85027W170



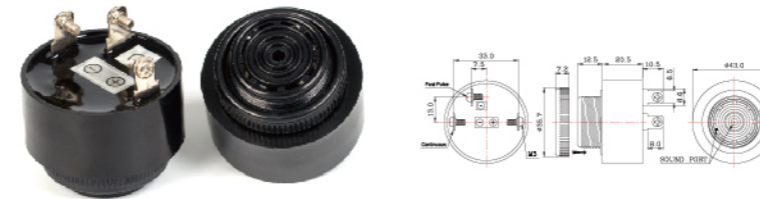
Item	Unit	Specification
Oscillation Frequency	Hz	2700
Operating Voltage	Vp-p	3 ~ 85
Rated Voltage	Vp-p	85
Current Consumption	mA	MAX. 15
Sound Pressure Level	dB	120
Electrostatic Capacity	pF	35000±30%
Operating Temperature	°C	-20~ +70
Storage Temperature	°C	-30 ~ +85
Dimension	mm	Φ58.5x H28.3
Weight (MAX)	gram	24

FDK-380BXAP220VAC



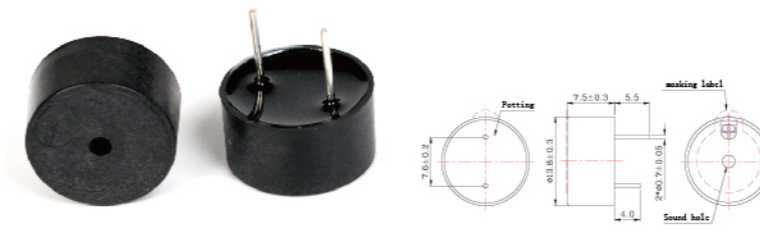
Item	Unit	Specification
Oscillation Frequency	KHz	2.9±0.5
Operating Voltage	VAC	150 ~260
Rated Voltage	VAC	220
Current Consumption	mA	MAX. 10
Sound Pressure Level	dB	MIN. 85
Tone		Fast Pulse
Operating Temperature	°C	-20 ~ +60
Storage Temperature	°C	-30 ~ +70
Dimension	mm	Φ43.0 x H46.5
Weight (MAX)	gram	60

FDK-380X-SA24VDC



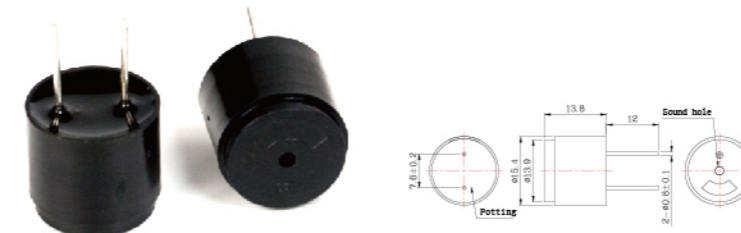
Item	Unit	Specification
Oscillation Frequency	KHz	2.9±0.5
Operating Voltage	VDC	10 ~28
Rated Voltage	VDC	24
Current Consumption	mA	MAX. 30
Sound Pressure Level	dB	MIN. 90
Tone		Continuous+Fast Pulse
Operating Temperature	°C	-20 ~ +60
Storage Temperature	°C	-30 ~ +70
Dimension	mm	Φ43.0 x H33.0
Weight (MAX)	gram	38.5

FDK-140075F



Item	Unit	Specification
Oscillation Frequency	KHz	4.0±0.5
Operating Voltage	VDC	3 ~ 16
Rated Voltage	VDC	5
Current Consumption	mA	MAX. 5
Sound Pressure Level	dB	MIN. 80
Tone Nature		Single
Operating Temperature	°C	-20~ +70
Storage Temperature	°C	-30 ~ +80
Dimension	mm	Φ13.8 x H7.5
Weight (MAX)	gram	2.0

FDK-150140F

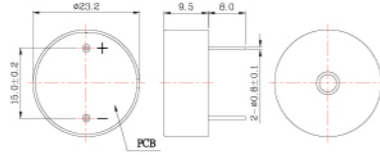


Item	Unit	Specification
Oscillation Frequency	KHz	4.0 ± 0.5
Operating Voltage	VDC	3 ~16
Rated Voltage	VDC	12
Current Consumption	mA	MAX. 30
Sound Pressure Level	dB	MIN. 90
Tone/Pulse Rate		Single
Operating Temperature	°C	-40 ~ +85
Storage Temperature	°C	-50 ~ +95
Dimension	mm	Φ15.4x H13.8
Weight (MAX)	gram	2.5

PIEZO PASSIVE LEAD BUZZER
压电无源引线 蜂鸣器

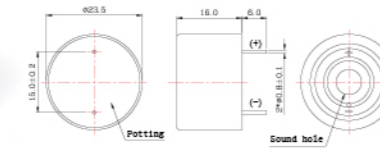
PIEZO ACTIVE PIN BUZZER
压电有源插针 蜂鸣器

FDK-230092F



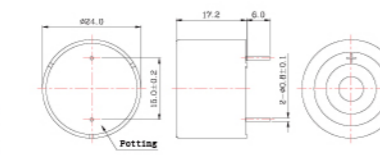
Item	Unit	Specification
Oscillation Frequency	KHz	3.4±0.5
Operating Voltage	VDC	3 ~24
Rated Voltage	VDC	12
Current Consumption	mA	MAX. 15
Sound Pressure Level	dB	MIN. 90
Tone Nature		Constant
Operating Temperature	°C	-20~ +70
Storage Temperature	°C	-30 ~ +80
Dimension	mm	Φ23.2 x H9.5
Weight (MAX)	gram	4.0

FDK-230160F



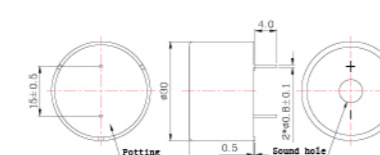
Item	Unit	Specification
Oscillation Frequency	KHz	3.3±0.5
Operating Voltage	VDC	3 ~20
Rated Voltage	VDC	12
Current Consumption	mA	MAX. 10
Sound Pressure Level	dB	MIN. 90
Tone		Constant
Operating Temperature	°C	-20~ +60
Storage Temperature	°C	-30 ~ +70
Dimension	mm	Φ23.5 x H16.0
Weight (MAX)	gram	6.0

FDK-240170F



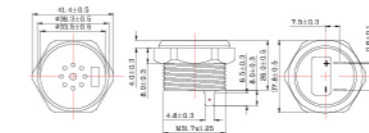
Item	Unit	Specification
Oscillation Frequency	KHz	3.7±0.5
Operating Voltage	VDC	3 ~ 20
Rated Voltage	VDC	12
Current Consumption	mA	MAX. 10
Sound Pressure Level	dB	MIN. 90
Tone		Constant
Operating Temperature	°C	-20~ +60
Storage Temperature	°C	-30 ~ +70
Dimension	mm	Φ24 x H17
Weight (MAX)	gram	6

FDK-300200F



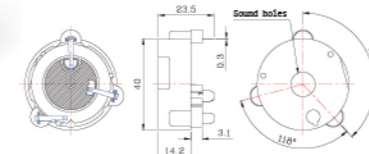
Item	Unit	Specification
Oscillation Frequency	KHz	3.5±0.5
Operating Voltage	VDC	3 ~20
Rated Voltage	VDC	12
Current Consumption	mA	MAX. 20
Sound Pressure Level	dB	MIN. 100
Tone		Constant
Operating Temperature	°C	-20~ +70
Storage Temperature	°C	-30 ~ +80
Dimension	mm	Φ30.0 x H20.5
Weight (MAX)	gram	8.0

FDK-380260F



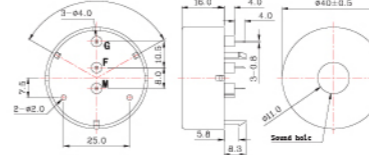
Item	Unit	Specification
Oscillation Frequency	KHz	3.0±0.5
Operating Voltage	VDC	5 ~28
Rated Voltage	VDC	12
Current Consumption	mA	MAX. 18
Sound Pressure Level	dB	MIN. 85
Tone		Constant
Operating Temperature	°C	-30~ +85
Storage Temperature	°C	-30 ~ +85
Dimension	mm	Φ37.8 x H26
Weight (MAX)	gram	30

FDK-390140F



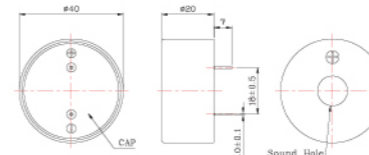
Item	Unit	Specification
Oscillation Frequency	KHz	3.4±0.5
Operating Voltage	VDC	6 ~ 12
Rated Voltage	VDC	9
Current Consumption	mA	MAX. 10
Sound Pressure Level	dB	MIN. 90
Electrostatic Capacity	pF	25000±30%
Tone Nature		Single
Operating Temperature	°C	-20~ +70
Storage Temperature	°C	-30 ~ +80
Dimension	mm	Φ40.6 x H14
Weight (MAX)	gram	8.0

FDK-390160F



Item	Unit	Specification
Oscillation Frequency	KHz	3.4±0.5
Operating Voltage	VDC	7 ~12
Rated Voltage	VDC	9
Current Consumption	mA	MAX. 20
Sound Pressure Level	dB	MIN. 90
Tone Nature		Single
Operating Temperature	°C	-20~ +60
Storage Temperature	°C	-30 ~ +70
Dimension	mm	Φ39 x H16
Weight (MAX)	gram	12

FDK-400200F

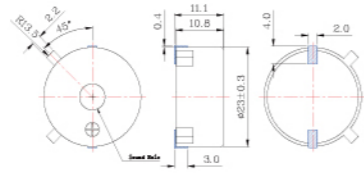


Item	Unit	Specification
Oscillation Frequency	KHz	2.8±0.5
Operating Voltage	VDC	3 ~20
Rated Voltage	VDC	12
Current Consumption	mA	MAX. 50
Sound Pressure Level	dB	MIN. 100
Tone		Constant
Operating Temperature	°C	-20~ +60
Storage Temperature	°C	-30 ~ +70
Dimension	mm	Φ40 x H20
Weight (MAX)	gram	13.0

PIEZO ACTIVE PIN BUZZER
压电有源插针 蜂鸣器

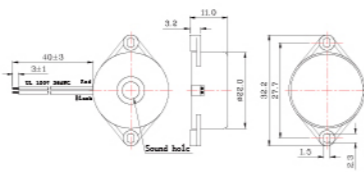
PIEZO ACTIVE PIN BUZZER
压电有源插针 蜂鸣器

SMD-230110F



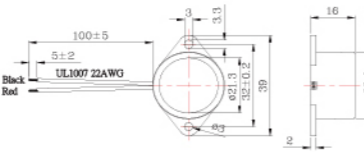
Item	Unit	Specification
Oscillation Frequency	Hz	4000
Operating Voltage	Vp-p	1-30
Rated Voltage	Vp-p	12
Current Consumption	mA	MAX. 5
Sound Pressure Level	dB	MIN. 80
Electrostatic Capacity	pF	19000±30%
Operating Temperature	°C	-40~ +85
Storage Temperature	°C	-40 ~ +90
Dimension	mm	Φ23.0 x H11.1
Weight (MAX)	gram	3.0

FDK-220110F



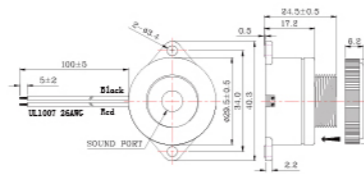
Item	Unit	Specification
Oscillation Frequency	KHz	4.5±0.5
Operating Voltage	VDC	3 ~ 20
Rated Voltage	VDC	12
Current Consumption	mA	MAX. 10
Sound Pressure Level	dB	MIN. 85
Tone Nature		Constant
Operating Temperature	°C	-20~ +60
Storage Temperature	°C	-30 ~ +70
Dimension	mm	Φ22.0 x H11
Weight (MAX)	gram	4.0

FDK-260160F



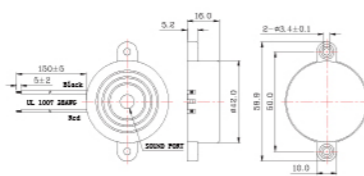
Item	Unit	Specification
Oscillation Frequency	KHz	3.0±0.5
Operating Voltage	VDC	6 ~ 14
Rated Voltage	VDC	12
Current Consumption	mA	MAX. 35
Sound Pressure Level	dB	MIN. 85
Tone Nature		Constant
Operating Temperature	°C	-20~ +60
Storage Temperature	°C	-30 ~ +70
Dimension	mm	Φ25.6 x H16
Weight (MAX)	gram	41

FDK-300240F



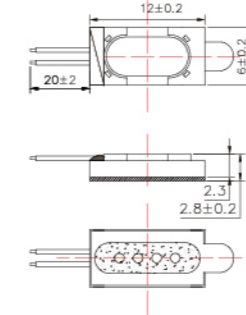
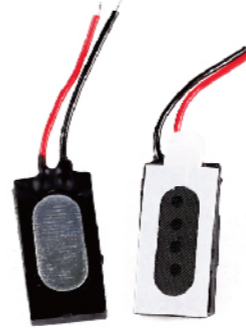
Item	Unit	Specification
Oscillation Frequency	KHz	3.5±0.5
Operating Voltage	VDC	3 ~ 20
Rated Voltage	VDC	12
Current Consumption	mA	MAX. 12
Sound Pressure Level	dB	MIN. 100
Tone Nature		Constant
Operating Temperature	°C	-20~ +60
Storage Temperature	°C	-30 ~ +70
Dimension	mm	Φ30 x H24.5
Weight (MAX)	gram	8.0

FDK-420160F



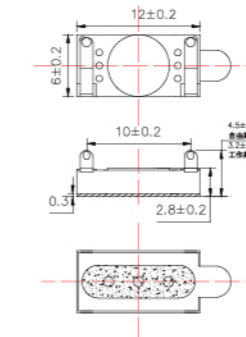
Item	Unit	Specification
Oscillation Frequency	KHz	2.8±0.5
Operating Voltage	VDC	3 ~ 24
Rated Voltage	VDC	12
Current Consumption	mA	MAX. 12
Sound Pressure Level	dB	MIN. 105
Tone Nature		Constant
Operating Temperature	°C	-20~ +60
Storage Temperature	°C	-30 ~ +70
Dimension	mm	Φ42 x H16
Weight (MAX)	gram	13.4

FDR-1206R32



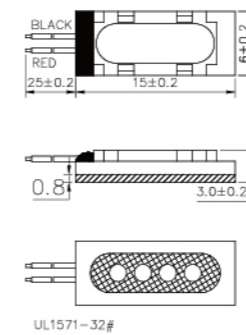
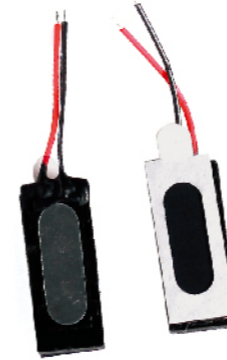
Item	Specification
Dimension	12*6mm
Impedance	32 ohm ± 15% at 1KHz
Sensitivity (S.P.L.)	110 dB ±3 dB at 1kHz 179mV with IEC 318 coupler
Frequency Range	Refer to frequency response chart.
Magnet Field Intensity	Axial - dB , Radial -dB at 1kHz
Weight	1.0g ± 0.1g
Using Temperature	-20~70 C

FDR-1206R32-P



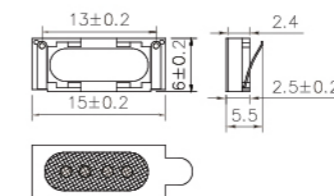
Item	Specification
Dimension	12*6mm
Impedance	32 ohm ± 15% at 1KHz
Sensitivity (S.P.L.)	110 dB ±3 dB at 1kHz 179mV with IEC 318 coupler
Frequency Range	Refer to frequency response chart.
Magnet Field Intensity	Axial - dB , Radial -dB at 1kHz
Weight	1.0g ± 0.1g
Using Temperature	-20~70 C

FDR-1506R32



Item	Specification
Dimension	15*6mm
Impedance	32 ohm ± 15% at 1KHz
Sensitivity (S.P.L.)	110 dB ±3 dB at 1kHz 179mV with IEC 318 coupler
Frequency Range	Refer to frequency response chart.
Magnet Field Intensity	Axial - dB , Radial -dB at 1kHz
Weight	1.0g ± 0.1g
Using Temperature	-20~70 C

FDR-1506R32-P



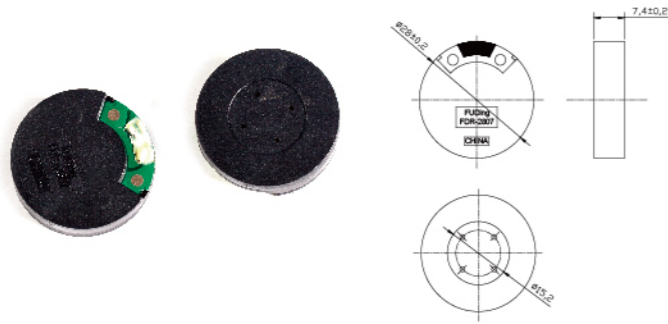
Item	Specification
Dimension	15*6mm
Impedance	32 ohm ± 15% at 1KHz
Sensitivity (S.P.L.)	110 dB ±3 dB at 1kHz 179mV with IEC 318 coupler
Rated Input Power	20mW.
Max. Input Power	30mW.
Weight	1.0g ± 0.1g
Using Temperature	-20~70 C

PIEZOELECTRIC ACTIVE SMD BUZZER
压电有源贴片蜂鸣器

PIEZOELECTRIC ACTIVE SMD BUZZER
压电有源引线蜂鸣器

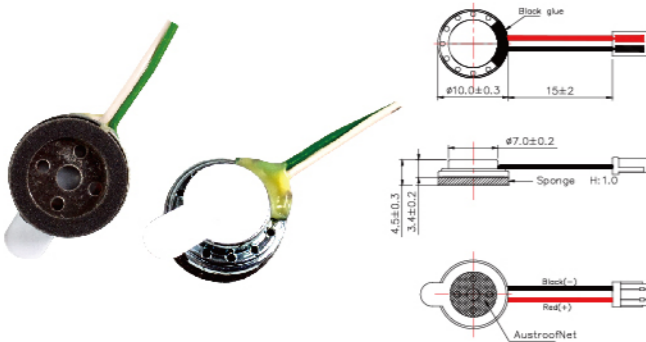
DYNAMIC RECEIVER
动态接收机

FDR-2807R150



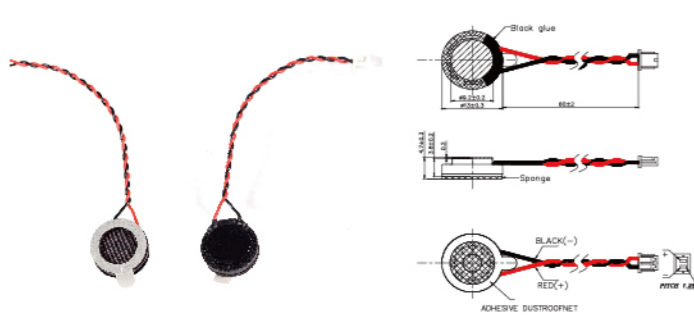
Item	Unit	Specification
Dimension	mm	28±0.2 mm x 7.4±0.3 mm (t)
Nominal Input Power	mW	10
Max. Input Power	mW	20
Impedance	ohm	150± 20%
S.P.L.	dB	92± 2
Frequency Rang	Hz	200~4.0K
Distortion		5% max
Axial	dB	≥-19
Radial	dB	≥-22
Voice Coil		7.3
Operating temp.	C	-30~+65
Weight	g	4.6

FDS-100045R8W0.3



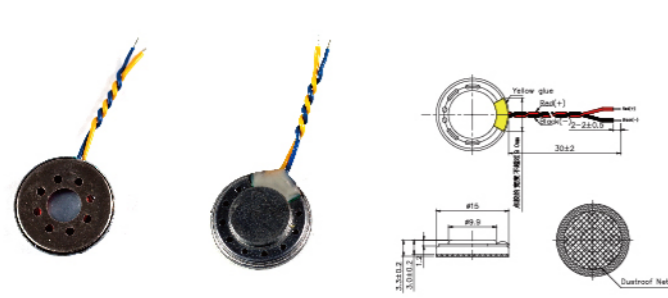
ITEM	Specification
Dimension	External diameter 13*4.5mm
Rated Input Power	0.3W
Max. Input Power	8 ohm ± 15% at 1.0KHz
Impedance	1100 Hz ± 20% at Fo, 1V
Resonance Frequency	93dB(0.3W/0.1m) ± 3 dB at AVE1.0K,1.2K,1.5K,2.0KHz
Sensitivity (S.P.L.)	Fo - 20KHz
Frequency Range	Max 8 % at 1 KHz,0.3W.
Total Harmonics Distortion	Must be normal at 0.5W white noise for 1 minute
Voice Coil	Diameter 5.7 mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet Φ5.2x1.3 mm
Weight	0.72g ± 0.1g
Temperature	Operating temperature: -20°C to +60°C Storage temperature: -30°C to +70°C

FDS-130047R8W0.5



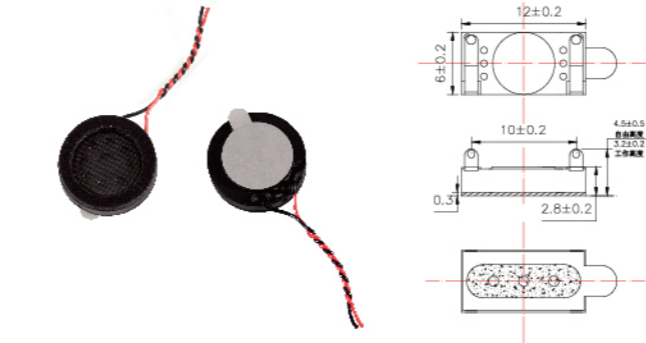
ITEM	Specification
Dimension	External diameter 13 mm
Rated Input Power	0.5W (Long Time)
Max. Input Power	1.0W for 1 minute
Impedance	8 ohm ± 15% at 2000Hz.
Resonance Frequency	95Hz ± 20% at Fo, 1V
Sensitivity (S.P.L.)	88dB (0.1W / 0.1m) ± 3 dB at AVE1.0K,1.2K,1.5K, 2.0KHz
Frequency Range	Fo - 20KHz
Total Harmonics Distortion	Max 8 % at 1 KHz,0.5W.
Voice Coil	Diameter 7.4mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet Φ6.9 x 1.2mm
Weight	0.65g ± 0.3g
Temperature	Operating temperature: -20°C to +60°C Storage temperature: -30°C to +70°C

FDS-150033R8W0.3



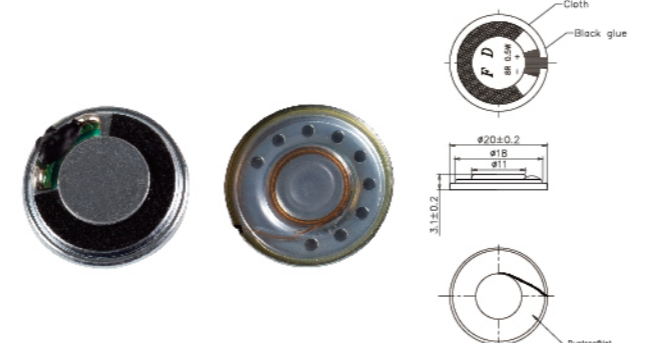
ITEM	Specification
Dimension	External diameter 15 mm
Rated Input Power	0.3W (Long Time)
Max. Input Power	0.5W for 1 minute
Impedance	8 ohm ± 15% at 1500Hz.
Resonance Frequency	1000Hz ± 20% at Fo, 1V
Sensitivity (S.P.L.)	91dB (0.1W / 0.1m) ± 3 dB at AVE 95dB (0.3W / 0.1m) ± 3 dB 0.8K, 1.0K,1.2K,1.5KHz.
Frequency Range	Fo - 20KHz
Total Harmonics Distortion	Max 8 % at 1 KHz,0.3W.
Voice Coil	Diameter 7.3mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet Φ7.9 x 1.0mm
Weight	1.3g ± 0.3g
Temperature	Operating temperature: -20°C to +60°C Storage temperature: -30°C to +70°C

FDS-180043R8W1.0



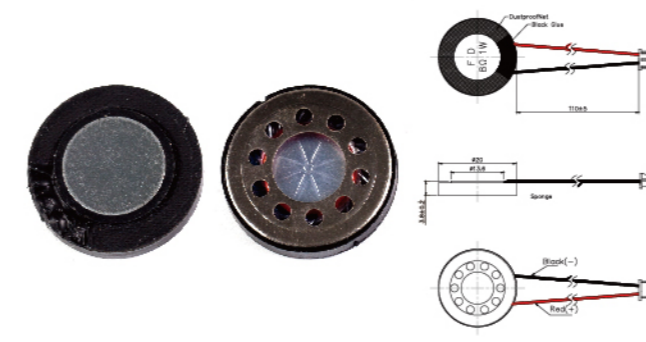
ITEM	Specification
Dimension	External diameter 18 mm
Rated Input Power	0.5W (Long Time)
Max. Input Power	1.0W for 1 minute
Impedance	8 ohm ± 15% at 1500Hz.
Resonance Frequency	750Hz ± 20% at Fo, 1V
Sensitivity (S.P.L.)	89dB (0.1W / 0.1m) ± 3 dB at AVE 1.0K,1.2K,1.5K, 2.0KHz.
Frequency Range	Fo - 20KHz
Total Harmonics Distortion	Max 8 % at 1 KHz,0.5W.
Voice Coil	Diameter 12.25mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet Φ9.8 x 1.2mm
Weight	2.3g ± 0.3g
Temperature	Operating temperature: -20°C to +60°C Storage temperature: -30°C to +70°C

FDS-200031R8W0.5



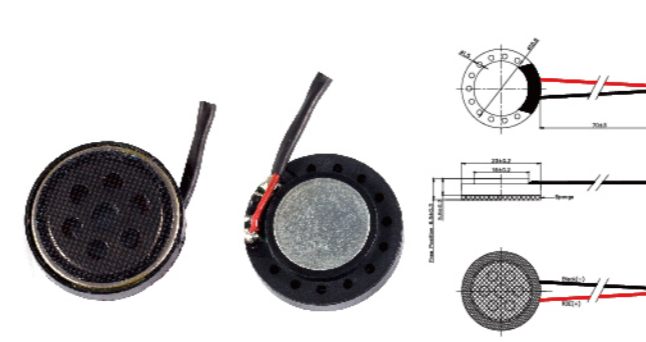
ITEM	Specification
Dimension	External diameter 20 mm
Rated Input Power	0.5W
Max. Input Power	0.8W
Impedance	8 ohm ± 15% at 1500Hz.
Resonance Frequency	550Hz ± 20% at Fo, 1V
Sensitivity (S.P.L.)	92dB (0.5W / 0.1m) ± 3 dB at AVE 1.0K,1.2K,1.5K, 2.0KHz.
Frequency Range	Fo - 20KHz
Total Harmonics Distortion	Max 8 % at 1 KHz,0.5W.
Voice Coil	Diameter 8.7 mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet Φ8.2 x 1.4 mm
Weight	2.5g ± 0.5g
Temperature	Operating temperature: -20°C to +60°C Storage temperature: -30°C to +70°C

FDS-200038R8W1.0



ITEM	Specification
Dimension	External diameter 20 mm
Rated Input Power	1.0W
Max. Input Power	1.2W
Impedance	8 ohm ± 15% at 1500Hz.
Resonance Frequency	600Hz ± 20% at Fo, 1V
Sensitivity (S.P.L.)	92dB (0.1W / 0.1m) ± 3 dB at AVE 1.0K,1.2K,1.5K, 2.0KHz.
Frequency Range	Fo - 20KHz
Total Harmonics Distortion	Max 8 % at 1 KHz,0.8W.
Voice Coil	Diameter 10.25 mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet Φ9.7x1.2 mm
Weight	1.5g ± 0.5g
Temperature	Operating temperature: -40°C to +85°C Storage temperature: -40°C to +85°C

FDS-230055R8W1.0



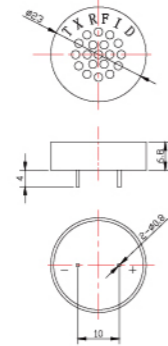
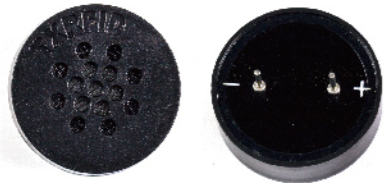
ITEM	Specification
Dimension	External diameter 23 mm
Rated Input Power	1.5W
Max. Input Power	2.0W
Impedance	4 ohm ± 15% at 1000Hz.
Resonance Frequency	600 Hz ± 20% at Fo, 1V
Sensitivity (S.P.L.)	90dB(0.1W/0.1m) ± 3 dB at AVE 0.6K,0.8K,1.0K,1.2K, 2.0KHz.
Frequency Range	Fo - 10KHz
Total Harmonics Distortion	Max. 10% at 1K Hz, 1.5W.
Voice Coil	Diameter 11.8 mm
Magnet	Rare earth permanent (Ferrite) magnet Φ11 x 1.5 mm
Weight	5.2g ± 0.3g
Temperature	Operating temperature: -20°C to +60°C Storage temperature: -30°C to +70°C

DYNAMIC SPEAKER
动态扬声器

DYNAMIC SPEAKER
动态扬声器

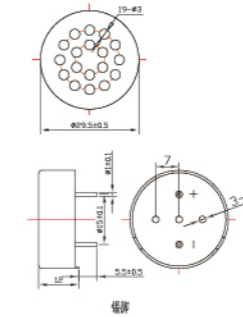
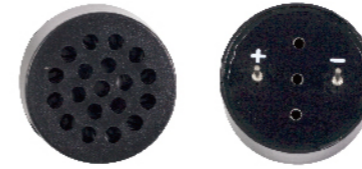
DYNAMIC SPEAKER
动态扬声器

FDS-230068R8W0.5-P



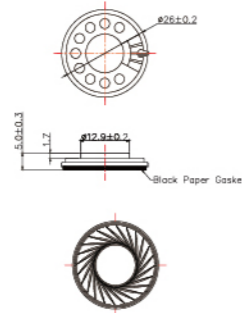
ITEM	Specification
Dimension	External diameter 36 mm
Rated Input Power	0.5 W
Max. Input Power	0.8 W
Impedance	8 ohm ± 15% at 1500Hz.
Resonance Frequency	1700 Hz ± 20% at Fo, 1V
Sensitivity (S.P.L.)	91 dB(0.1W/0.1m) ± 3 dB at AVE 1.0K, 1.2K, 1.5K, 2.0K Hz
Frequency Range	Fo - 20 KHz
Total Harmonics Distortion	Max 5 % at 1 KHz, 0.5 W.
Voice Coil	Diameter 10.3 mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet Ø8.0 x 1.0 mm
Weight	3.2 g ± 0.2g
Temperature	Operating temperature: -20°C to +70°C Storage temperature: -40°C to +80°C

FDS-300120R32W0.5-P



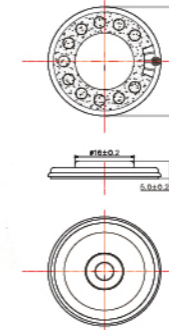
ITEM	Specification
Dimension	External diameter 30 mm
Rated Input Power	0.5 W
Max. Input Power	1.0 W
Impedance	32 ohm ± 15%.
Resonance Frequency	600 Hz ± 20% at Fo, 1V
Sensitivity (S.P.L.)	82dB(0.5W/0.3m) ± 3 dB at AVE 0.8K, 1.0K, 1.2K, 1.5K Hz
Frequency Range	Fo - 20 KHz
Total Harmonics Distortion	Max 5 % at 1 KHz, 0.5 W.
Magnet	Rare earth permanent (Nd-Fe-B) magnet Ø9.0 x 1.5 mm
Weight	g
Temperature	Operating temperature: -20°C to +60°C Storage temperature: -30°C to +70°C

FDS-250045R8W1.0



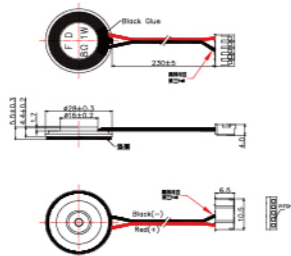
ITEM	Specification
Dimension	External diameter 26mm
Rated Input Power	1.0W
Impedance	8 ohm ± 15% at 1KHz
Resonance Frequency	520Hz ± 20% at Fo, 1V
Sensitivity (S.P.L.)	90dB(0.1W/0.1m) ± 3 dB at AVE 0.8K, 1.0K, 1.2K, 1.5KHz
Frequency Range	Fo - 20KHz
Distortion	Max 8 % at 1 KHz, 1.0W.
Max. Input Power	Must be normal at 1.5W white noise for 1 minute.
Voice Coil	Diameter 10.4 mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet Ø9.5 x 1.5mm
Weight	7.1g ± 0.1g

FDS-320050R8W1.0



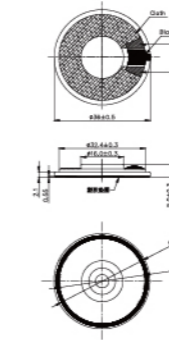
ITEM	Specification
Dimension	External diameter 32 mm
Rated Input Power	1.0 W
Impedance	8 ohm ± 15% at 1KHz
Resonance Frequency	550 Hz ± 20% at Fo, 1V
Sensitivity (S.P.L.)	98dB(0.5W/0.1m) ± 3 dB at AVE 0.8K, 1.0K, 1.2K, 1.5K(Hz).
Frequency Range	Fo - 10KHz
Distortion	Less than 10 % at 2000Hz 1.0W
Max. Input Power	Must be normal at 1.5W white noise for 1 minute. Diameter 13.4 mm
Voice Coil	Rare earth permanent (Nd-Fe-B) magnet Ø12.5 x 1.5mm
Magnet	
Weight	7.5g ± 0.3g

FDS-280055R8W1.0



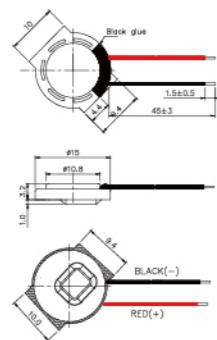
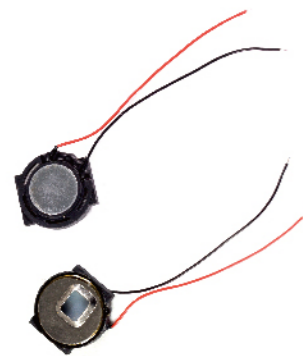
ITEM	Specification
Dimension	External diameter 28 mm
Rated Input Power	1.0 W
Max. Input Power	1.5 W
Impedance	8 ohm ± 15% at 1500Hz.
Resonance Frequency	650 Hz ± 20% at Fo, 1V
Sensitivity (S.P.L.)	97 dB(1.0W/0.1m) ± 3 dB at AVE 0.8K, 1.0K, 1.2K, 1.5K Hz
Frequency Range	Fo - 5 KHz
Total Harmonics Distortion	Max 8 % at 1 KHz, 1.0 W.
Voice Coil	Diameter 13.3 mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet Ø12.6 x 1.8 mm
Weight	7.0 g ± 0.3g
Temperature	Operating temperature: -20°C to +60°C Storage temperature: -30°C to +70°C

FDS-360050R8W1.0



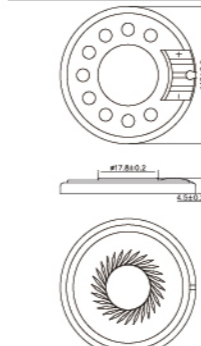
ITEM	Specification
Dimension	External diameter 36 mm
Rated Input Power	1.0 W
Max. Input Power	1.2 W
Impedance	8 ohm ± 15% at 1500Hz.
Resonance Frequency	500Hz ± 20% at Fo, 1V
Sensitivity (S.P.L.)	88dB(0.1W/0.1m) ± 3 dB at AVE 1.0KHz.
Frequency Range	Fo - 10KHz
Total Harmonics Distortion	Max 8 % at 1 KHz, 1.0W.
Voice Coil	Diameter 13.3 mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet Ø12.0 x 1.6 mm
Weight	8.0g ± 0.2g
Temperature	Operating temperature: -20°C to +60°C Storage temperature: -30°C to +70°C

FDS-150042R8W0.5-EA



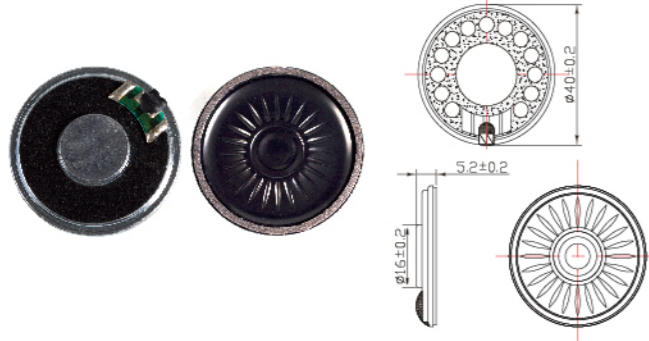
ITEM	Specification
Dimension	External diameter 15 mm
Rated Input Power	0.3W (Long Time)
Max. Input Power	0.5W for 1 minute
Impedance	8 ohm ± 15% at 1500Hz.
Resonance Frequency	1000Hz ± 20% at Fo, 1V
Sensitivity (S.P.L.)	89dB (0.1W / 0.1m) ± 3 dB at AVE 93dB (0.3W / 0.1m) ± 3 dB 0.8K, 1.0K, 1.2K, 1.5KHz.
Frequency Range	Fo - 20KHz
Total Harmonics Distortion	Max 8 % at 1 KHz, 0.3W.
Voice Coil	Diameter 8.4mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet Ø7.9 x 1.0mm
Weight	1.3g ± 0.3g
Temperature	Operating temperature: -20°C to +60°C Storage temperature: -30°C to +70°C

FDS-400045R8W0.5



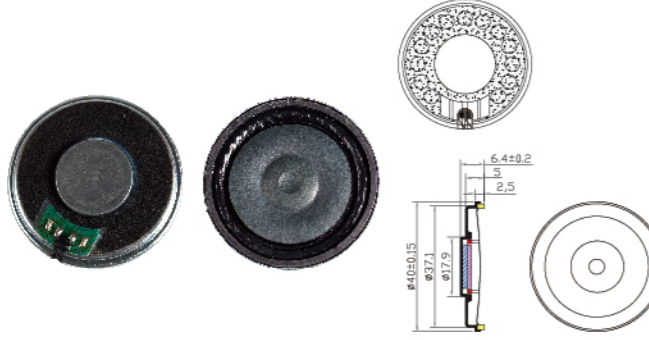
ITEM	Specification
Dimension	External diameter 40 mm
Rated Input Power	0.5W
Impedance	8 ohm ± 15% at 2KHz
Resonance Frequency	450Hz ± 20% at Fo, 1V
Sensitivity (S.P.L.)	80dB(0.5W/0.1m) ± 3 dB at AVE 0.8K, 1.0K, 1.2K, 1.5K(Hz).
Frequency Range	Fo - 5KHz
Distortion	Less than 10 % at 2000Hz 0.5W
Max. Input Power	Must be normal at 1.0W white noise for 1 minute. Diameter 13.4 mm
Voice Coil	Rare earth permanent (Nd-Fe-B) magnet Ø12.5 x 1mm
Magnet	
Weight	3g ± 0.1g

FDS-400052R8W1.5



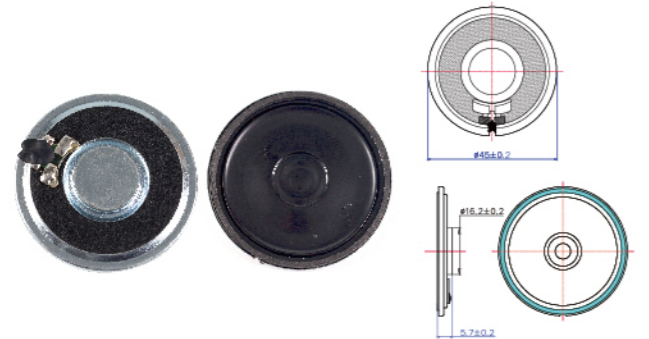
ITEM	Specification
Dimension	External diameter 40 mm
Rated Input Power	0.5 W
Impedance	8ohm ± 15% at 2KHz
Resonance Frequency	550Hz ± 20% at Fo, 1V
Sensitivity (S.P.L.)	92dB(0.5W/0.1m) ± 3 dB at AVE 0.8K, 1.0K, 1.2K, 1.5K(Hz).
Frequency Range	Fo - 10KHz
Distortion	Less than 10% at 2000Hz 1.0W
Max. Input Power	Must be normal at 1.0W white noise for 1 minute.
Voice Coil	Diameter 13.4 mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet Φ12.5 x 1.5mm
Weight	7.0 g ± 0.1g

FDS-400064R8W1.0-C



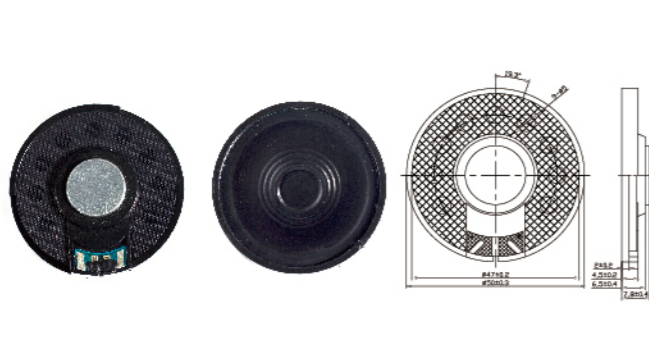
ITEM	Specification
Dimension	External diameter 40 mm
Rated Input Power	1.0 W
Impedance	8 ohm ± 15% at 2KHz
Resonance Frequency	300K Hz ± 20% at Fo, 1V
Sensitivity (S.P.L.)	92dB(0.5W/0.1m) ± 3 dB at AVE 0.8K, 1.0K, 1.2K, 1.5K(Hz).
Frequency Range	Fo - 10KHz
Distortion	Less than 10% at 2000Hz 1.0W
Max. Input Power	Must be normal at 1.5W white noise for 1 minute.
Voice Coil	Diameter 14.4 mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet Φ13.5 x 1.5mm
Weight	8.2 g ± 0.1g

FDS-450057R8W1.0



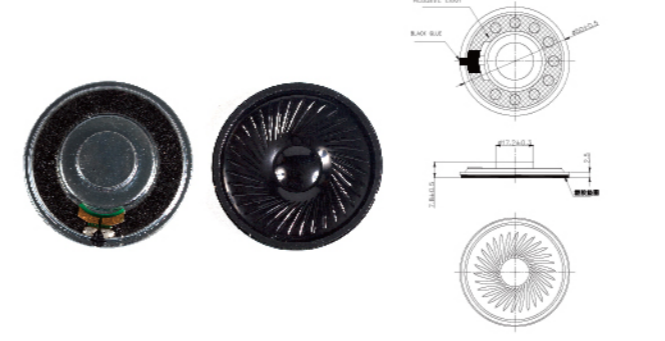
ITEM	Specification
Dimension	External diameter 45 mm
Rated Input Power	0.5W
Impedance	8 ohm ± 15% at 1KHz
Resonance Frequency	450 Hz ± 20% at Fo, 1V
Sensitivity (S.P.L.)	92dB(0.5W/0.1m) ± 3 dB at AVE 0.8K, 1.0K, 1.2K, 1.5K(Hz).
Frequency Range	Fo - 5KHz
Distortion	Less than 10% at 2000Hz 0.5W
Max. Input Power	Must be normal at 1.0W white noise for 1 minute.
Voice Coil	Diameter 13.28 mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet Φ12.5 x 1.5mm
Weight	10.5g ± 0.3g

FDS-500078R50W0.2



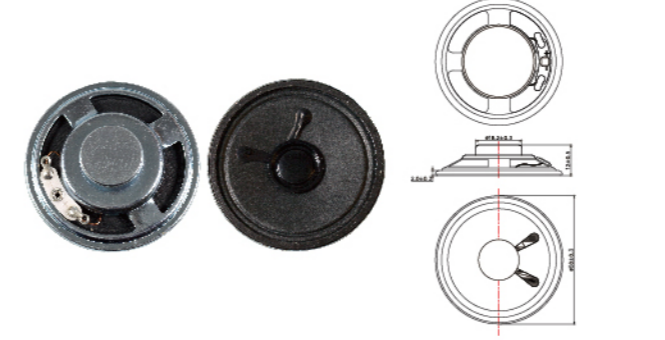
ITEM	Specification
Dimension	External diameter 50 mm
Rated Input Power	0.2W
Impedance	50 ohm ± 15% at 1KHz
Resonance Frequency	650Hz ± 20% at Fo, 1V
Sensitivity (S.P.L.)	88dB(at 0.2W / 0.1m) ± 3 dB at AVE 0.8K, 1.0K, 1.2K, 1.5K, 1.8K. (±)
Frequency Range	Fo - 5KHz
Distortion	Less than 10% at 1000Hz 0.2W
Max. Input Power	Must be normal at 0.3W white noise for 1 minute.
Voice Coil	Diameter 13.3 mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet Φ12.5 x 1.5mm
Weight	5.0g ± 0.3g

FDS-500080R8W1.0



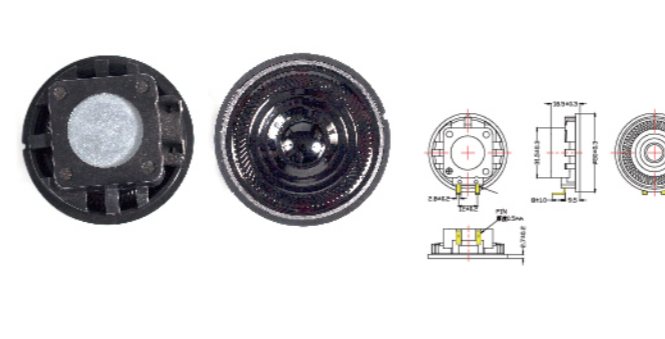
ITEM	Specification
Dimension	External diameter 50 mm
Rated Input Power	0.5 W
Max. Input Power	1.0 W for 1 minute
Impedance	16 ohm ± 15% at 1000Hz
Resonance Frequency	300 Hz ± 20% at Fo, 1V
Sensitivity (S.P.L.)	98dB (0.5W / 0.1m) ± 3dB at AVE 0.6K, 0.8K, 1.0K, 1.2 KHz
Frequency Range	Fo - 20 KHz
Total Harmonics Distortion	Max 8 % at 1 KHz, 0.8W.
Voice Coil	Diameter 13.3 mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet Φ12.5x2.0 mm
Weight	13.2g ± 0.5g
Temperature	Operating temperature: -20°C to +60°C Storage temperature: -30°C to +70°C

FDS-500120R8W1.5



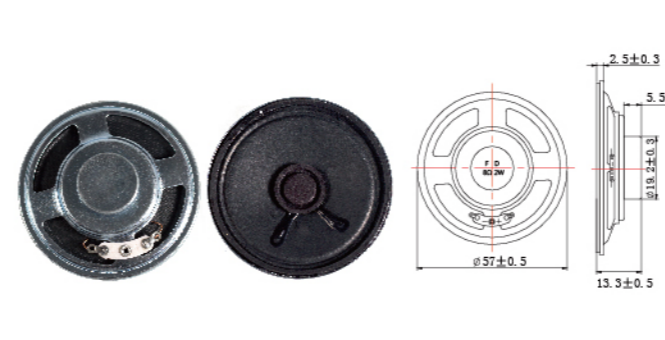
ITEM	Specification
Dimension	External diameter 50 mm
Rated Input Power	1.5 W (Long Time)
Max. Input Power	2.0 W for 1 minute
Impedance	8 ohm ± 20% at 2000Hz
Resonance Frequency	450 Hz ± 20% at Fo, 1V
Sensitivity (S.P.L.)	92dB (0.1W / 0.1m) ± 3 dB at AVE 0.6K, 1.0K, 1.2K, 1.5K Hz.
Frequency Range	Fo - 6KHz
Total Harmonics Distortion	Less than 5% at 1KHz Input Rated Power
Magnet	Rare earth permanent (Nd-Fe-B) magnet Φ12.5x2 mm
Weight	16.0g ± 8% g
Temperature	Operating temperature: -20°C to +60°C Storage temperature: -30°C to +70°C

FDS-500185R8W1.0



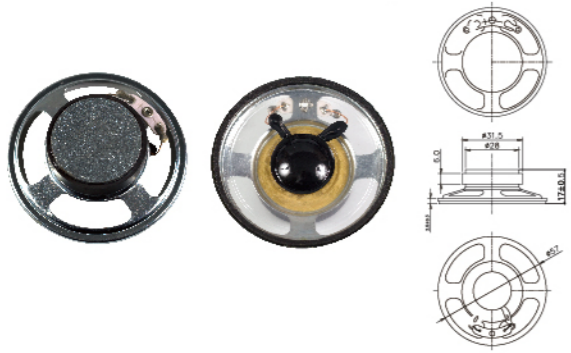
ITEM	Specification
Rated Input Power.	1.0W
Max Input Power.	2.0W
Rated Impedance.	8Ω ± 15%
Sound Pressure Level.	97dB(0.1W/0.1m) ± 3 dB at AVE 0.3K 0.4K 0.5K 0.6K Hz
Resonance Frequency	300±20%Hz
Frequency Range.	F0-10KHz
Distortion	Less than 10% at 1KHz Input Rated Power
Magnet	Rare earth permanent (Ferrite) magnet □28.5*11.5*5mm
Weight.	46g
Temperature	Operating temperature: -30°C to +70°C Storage temperature: -40°C to +85°C

FDS-570135R8W2.0



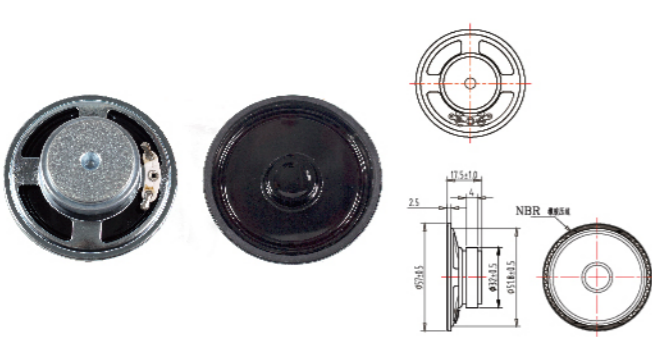
ITEM	Specification
Rated Input Power.	2.0W
Max Input Power.	3.0W
Rated Impedance.	8Ω ± 15%
Sound Pressure Level.	88dB(1.0W/0.5m) ± 3 dB at AVE 0.8K 1.0K 1.2K 1.5K Hz
Resonance Frequency	400±20%Hz
Frequency Range.	F0-5KHz
Distortion	Less than 5% at 1 KHz Input Rated Power
Magnet	Rare earth permanent (NdFeB) magnet Φ12.5*2mm
Weight.	-19.4g
Temperature	Operating temperature: -30°C to +70°C Storage temperature: -40°C to +85°C

FDS-5701 70R4W3.0-F



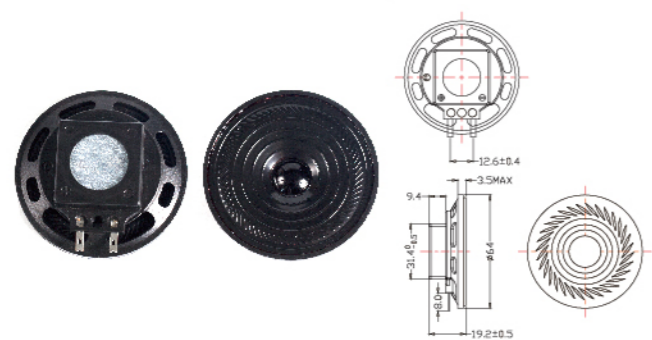
ITEM	Specification
Dimension	External diameter 57 mm
Rated Input Power	3.0W (Long Time)
Max. Input Power	4.0W for 1 minute
Impedance	4 ohm ± 20% at 2000Hz.
Resonance Frequency	480 Hz ± 20% at Fo, 1V
Sensitivity (S.P.L.)	86dB (0.1W / 0.1m) ± 3 dB at AVE 0.8K, 1.0K, 1.2K, 1.5K Hz.
Frequency Range	Fo - 4KHz
Total Harmonics Distortion	Less than 5% at 1KHz Input Rated Power
Magnet	Rare earth permanent (Nd-Fe-B) magnet φ 32x φ 18x6 mm
Weight	50.0g ± 1.0g
Temperature	Operating temperature: -20°C to +60°C Storage temperature: -30°C to +70°C

FDS-5701 75R4W4.0-FH



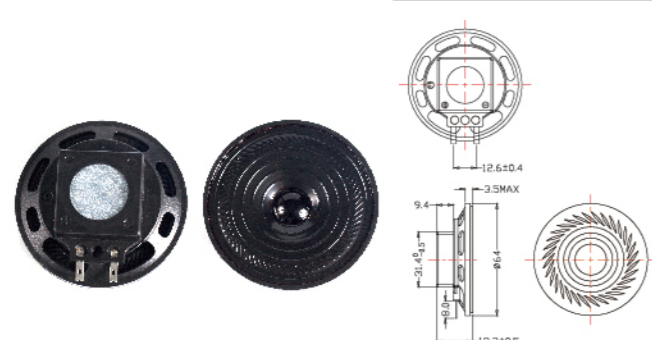
ITEM	Specification
Dimension	External diameter 57 mm
Rated Input Power	4.0W (Long Time)
Max. Input Power	5.0W for 1 minute
Impedance	4 ohm ± 15% at 1000Hz.
Resonance Frequency	550 Hz ± 20% at Fo, 1V
Sensitivity (S.P.L.)	88dB (1W / 1m) ± 3 dB at AVE 0.8K, 1.0K, 1.2K, 1.5K Hz.
Frequency Range	Fo - 15KHz
Total Harmonics Distortion	Less than 5% at 1KHz Input Rated Power
Magnet	Rare earth permanent (Nd-Fe-B) magnet φ 32*18*4 mm
Weight	55.0g ± 1.0g
Temperature	Operating temperature: -20°C to +60°C Storage temperature: -30°C to +70°C

FDS-640192R4W3.0



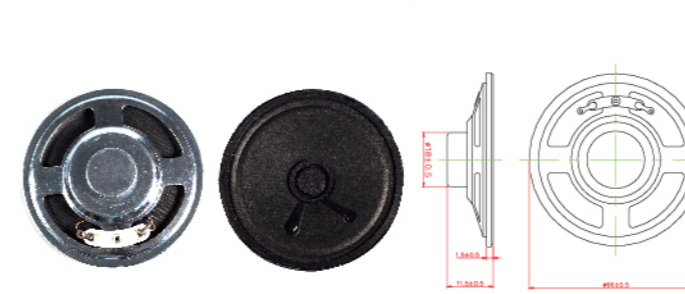
ITEM	Specification
Rated Input Power	2.0W
Max Input Power	3.0W
Rated Impedance	8Ω ± 15%
Sound Pressure Level	85dB(1W/1m) ± 3 dB at AVE 0.8K 1.0K 1.2K 1.5K Hz
Resonance Frequency	400±20%Hz
Frequency Range	F0-10KHz
Distortion	Less than 10% at 1KHz Input Rated Power
Magnet	Rare earth permanent (Ferrite) magnet □28.5*11.5*5mm
Weight	g
Temperature	Operating temperature: -30°C to +70°C Storage temperature: -40°C to +80°C

FDS-640192R8W1.0

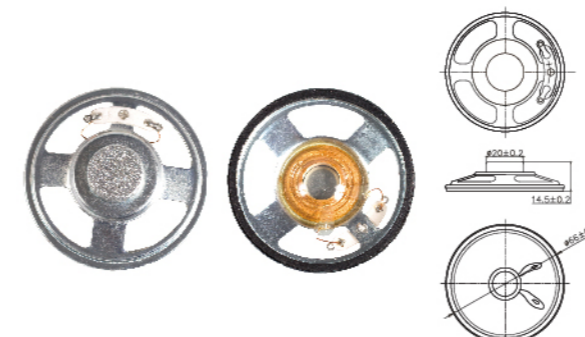


ITEM	Specification
Rated Input Power	1.0W
Max Input Power	1.5W
Rated Impedance	8Ω ± 15%
Sound Pressure Level	86dB(1W/1m) ± 3 dB at AVE 0.8K 1.0K 1.2K 1.5K Hz
Resonance Frequency	400±20%Hz
Frequency Range	F0-10KHz
Distortion	Less than 10% at 1KHz Input Rated Power
Magnet	Rare earth permanent (Ferrite) magnet □28.5*11.5*5mm
Weight	g
Temperature	Operating temperature: -30°C to +70°C Storage temperature: -40°C to +85°C

FDS-660115R50W0.5



FDS-660145R8W2.0-F



ITEM	Specification
Dimension	External diameter 66 mm
Rated Input Power	1W
Impedance	8 ohm ± 15% at 2KHz
Resonance Frequency	450K Hz ± 20% at Fo, 1V
Sensitivity (S.P.L.)	98dB(0.5W/0.1m) ± 3 dB at AVE 0.8K, 1.0K, 1.2K, 1.5K(Hz).
Frequency Range	Fo - 4KHz
Distortion	Less than 10% at 2000Hz 1W
Max. Input Power	Must be normal at 1.5W white noise for 1 minute.
Voice Coil	Diameter 13.4 mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet φ12.5 x 2mm
Weight	45g ± 0.2g

FDR-380210R150-P



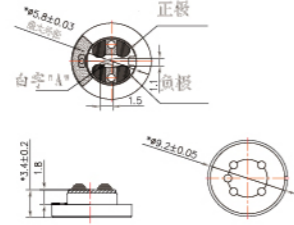
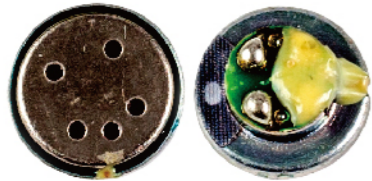
Item	Unit	Specification
Dimension	mm	38±0.2 mm x 21±0.2 mm(t)
Nominal input Power	mW	10
Max. Input Power	mW	30
Impedance	ohm	150± 20%
S.P.L.	dB	97± 2
Frequency Rang	Hz	200~4.0K
Distortion		5% max
Voice Coil		10.3
Operating temp.	°C	-30~+65
Weight	g	31

FDR-062043R20



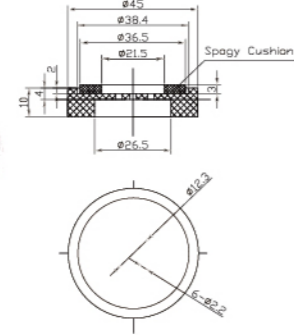
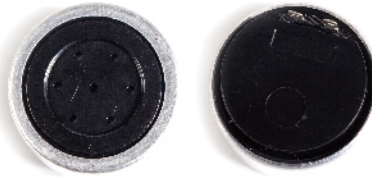
Item	Specification
Dimension	External diameter 6.2 mm
Rated Input Power	3mW (Long Time)
Max. Input Power	5mW for 1 minute
Impedance	32 ohm ± 10%
Sensitivity (S.P.L.)	93 dB ± 3 dB at 1.0mW/ 1.0KHz.
Frequency Range	20Hz - 20KHz
Total Harmonics Distortion	Max ≦ 2.0 % at 0.178W / 100Hz-10KHz.
Voice Coil	Diameter φ2.6 mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet φ 5.0x1.8mm
Weight	0.35g ± 0.1g
Temperature	Operating temperature: -30°C to +70°C Storage temperature: -30°C to +70°C

FDR-092034R32



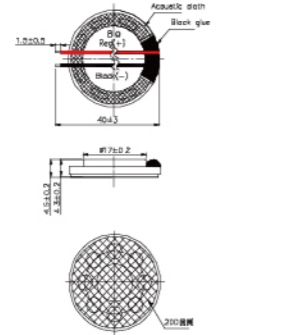
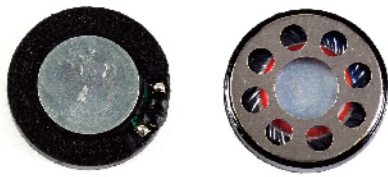
Item	Specification
Dimension	External diameter 9.2 mm
Rated Input Power	5mW (Long Time)
Max. Input Power	25mW for 1 minute
Impedance	32 ohm ± 10%
Sensitivity (S.P.L.)	99 dB ± 3 dB at 1.0mW/ 1.0KHz.
Frequency Range	20Hz - 20KHz
Total Harmonics Distortion	Max ≤ 2.0 % at 0.178V / 100Hz-10KHz.
Voice Coil	Diameter Φ4.5 mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet Φ3.9x1.1mm
Weight	0.5g ± 0.1g
Temperature	Operating temperature: -30°C to +70°C Storage temperature: -30°C to +70°C

FDR-350180R1 50-P



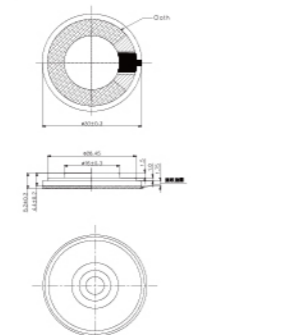
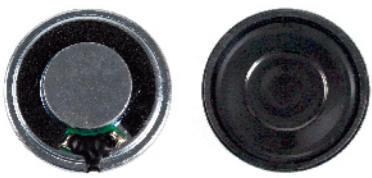
Item	Specification
Dimension	External diameter 35 mm
Rated Input Power	1.5W (Long Time)
Max. Input Power	3.0W for 1 minute
Impedance	8 ohm ± 15%
Resonance Frequency	1100 Hz ± 20% at Fo, 1V
Sensitivity (S.P.L.)	92dB(0.8W/0.1m) ± 3 dB at AVE 0.8K, 1.0K, 1.2K, 1.5K Hz.
Frequency Range	Fo - 20KHz
Total Harmonics Distortion	Max. 10% at 1K Hz, 0.8W.
Voice Coil	Diameter 8.5 mm
Magnet	Rare earth permanent (Ferrite) magnet Φ8.0 x 1.0 mm
Weight	1.5g ± 0.3g
Temperature	Operating temperature: -20°C to +60°C Storage temperature: -30°C to +70°C

FDS-250045R8W1.0



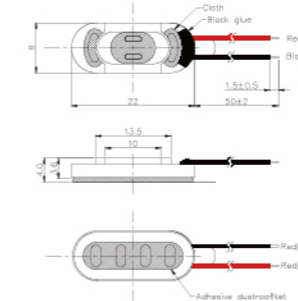
ITEM	Specification
Dimension	External diameter 25 mm
Rated Input Power	0.8W (Long Time)
Max. Input Power	1.0W for 1 minute
Impedance	8 ohm ± 15% at 1500Hz.
Resonance Frequency	700Hz ± 20% at Fo, 1V
Sensitivity (S.P.L.)	89dB(0.1W/0.1m) ± 3 dB at AVE 97dB (0.8W / 0.1m) ± 3 dB at AVE 1.0K, 1.2K, 1.5K, 2.0 KHz.
Frequency Range	Fo - 20KHz
Total Harmonics Distortion	Max 8 % at 1 KHz, 0.8W.
Voice Coil	Diameter 10.5 mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet Φ9.9 x 1.5 mm
Weight	1.25g ± 0.2g
Temperature	Operating temperature: -20°C to +60°C Storage temperature: -30°C to +70°C

FDS-300052R8W1.0



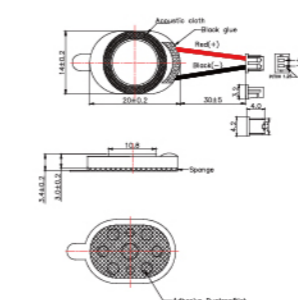
ITEM	Specification
Dimension	External diameter 30 mm
Rated Input Power	1.5W (Long Time)
Max. Input Power	2.0W for 1 minute
Impedance	4 ohm ± 15% at 1500Hz.
Resonance Frequency	800 Hz ± 20% at Fo, 1V
Sensitivity (S.P.L.)	94dB(1.0W/0.1m)±3dB at AVE 0.8, 1.0, 1.5, 2.0KHz
Frequency Range	Fo - 10.0 KHz
Total Harmonics Distortion	Max 8 % at 1 KHz, 1.0W.
Voice Coil	Diameter 13.3mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet Φ12.5*1.5 mm
Weight	8.0±0.3g
Temperature	Operating temperature: -20°C to +60°C Storage temperature: -30°C to +70°C

FDS-1510047R8W0.5



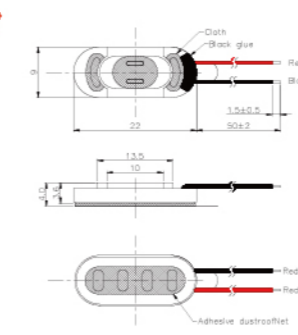
ITEM	Specification
Dimension	External diameter 15*10 mm
Rated Input Power	0.3W (Long Time)
Max. Input Power	0.5W for 1 minute
Impedance	8 ohm ± 15% at 3500Hz.
Resonance Frequency	Fo at 2300Hz ± 20% @ 1V
Sensitivity (S.P.L.)	90dB (0.3W / 0.1m) ± 3 dB at AVE 2.5K, 3.0K, 4.0K, 5.0KHz.
Frequency Range	Fo - 20KHz
Total Harmonics Distortion	Max 8 % at 1 KHz, 0.3W.
Voice Coil	Diameter 6.0mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet Φ5.5 x 1.3mm
Weight	1.0g ± 0.2g
Temperature	Operating temperature: -20°C to +70°C Storage temperature: -30°C to +80°C

FDS-2014036R8W0.5



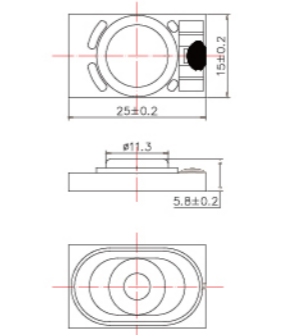
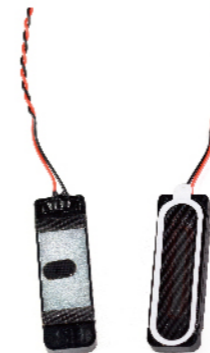
ITEM	Specification
Dimension	External diameter 20*14 mm
Rated Input Power	0.8W.
Max. Input Power	1.0W.
Impedance	8 ohm ± 15% at 2000 Hz
Resonance Frequency	1100 Hz ± 20% at Fo, 1V
Sensitivity (S.P.L.)	92dB(0.8W/0.1m) ± 3 dB at AVE 0.8K, 1.0K, 1.2K, 1.5K Hz.
Frequency Range	Fo - 20KHz
Total Harmonics Distortion	Max. 10% at 1K Hz, 0.8W.
Voice Coil	Diameter 8.5 mm
Magnet	Rare earth permanent (Ferrite) magnet Φ8.0 x 1.0 mm
Weight	1.5g ± 0.3g
Temperature	Operating temperature: -20°C to +60°C Storage temperature: -30°C to +70°C

FDS-2209040R8W0.5



ITEM	Specification
Dimension	External diameter 22*9 mm
Rated Input Power	0.5W (Long Time)
Max. Input Power	1.0W (Short Time)
Impedance	8 ohm ± 15% at 1500Hz.
Resonance Frequency	900Hz ± 20% at Fo, 1V
Sensitivity (S.P.L.)	87dB(0.1W/0.1m) ± 3 dB at AVE 90dB (0.5W / 0.1m) ± 3 dB at AVE 1.2- 2.5KHz.
Frequency Range	Fo - 20KHz
Total Harmonics Distortion	Max 8 % at 1 KHz, 0.5W.
Voice Coil	Diameter 11*4 mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet Φ10.4*3.45*1.2mm
Weight	2.0g ± 5%
Temperature	Operating temperature: -20°C to +60°C Storage temperature: -30°C to +70°C

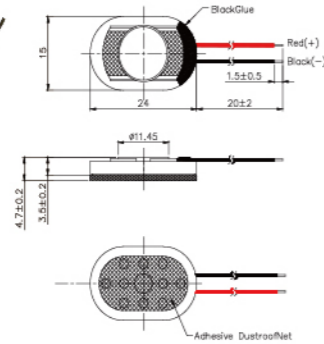
FDS-2809042R8W1.0-02



ITEM	Specification
Dimension	External diameter 2515 mm
Rated Input Power	1.0 W
Impedance	8 ohm ± 15% at 1KHz
Resonance Frequency	600 Hz ± 20% at Fo, 1V
Sensitivity (S.P.L.)	92dB(1W/1m) ± 3 dB at AVE 0.4K, 0.6K, 0.8K, 1.0K (Hz).
Frequency Range	Fo - 20KHz
Distortion	Less than 10 % at 2000Hz 2.0W
Max. Input Power	Must be normal at 1.5W while noise for 1 minute.
Voice Coil	Diameter 8.7 mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet Φ8.0 x 2.0mm
Weight	3.2g ± 0.2g



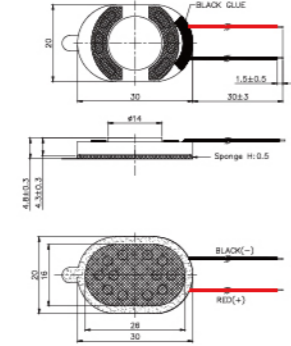
FDS-2415047R8W0.5



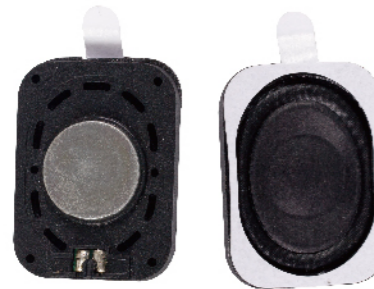
ITEM	Specification
Dimension	External diameter 24x15 mm
Rated Input Power	1.0W
Max. Input Power	1.2W for 1 minute
Impedance	8 ohm \pm 15% at 1500Hz.
Resonance Frequency	750Hz \pm 20% at Fo, 1V
Sensitivity (S.P.L.)	97dB (1.0W / 0.1m) \pm 3 dB at AVE 0.8K, 1.0K, 1.2K, 1.5KHz.
Frequency Range	Fo - 20KHz
Total Harmonics Distortion	Max 8 % at 1 KHz, 1.0W.
Voice Coil	Diameter 8.5 mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet ϕ 8.0 x 1.0 mm
Weight	2.0g \pm 0.2g
Temperature	Operating temperature: -20°C to +60°C Storage temperature: -30°C to +70°C



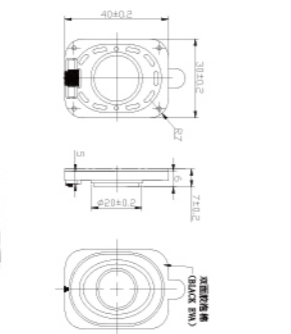
FDS-3020048R8W1.0



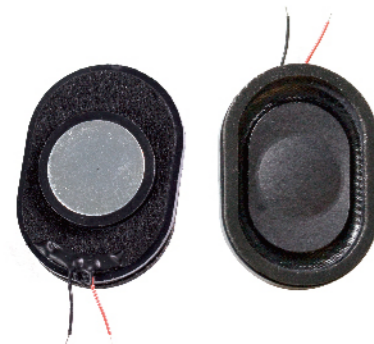
ITEM	Specification
Dimension	External diameter 30x20 mm
Rated Input Power	1.2W
Max. Input Power	1.5W
Impedance	8 ohm \pm 15% at 2000Hz.
Resonance Frequency	900Hz \pm 20% at Fo, 1V
Sensitivity (S.P.L.)	98dB (1.2W/0.1m) \pm 3 dB at AVE 1.0, 1.2, 1.5, 2.0KHz.
Frequency Range	Fo - 20KHz
Total Harmonics Distortion	Max 8 % at 1 KHz, 1.2W.
Voice Coil	Diameter 10.5 mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet ϕ 9.8 x 1.5 mm
Weight	3.5g \pm 0.2g
Temperature	Operating temperature: -20°C to +60°C Storage temperature: -30°C to +70°C



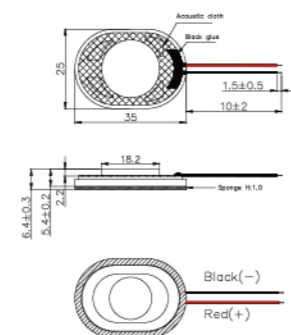
FDS-3040070R8W1.0



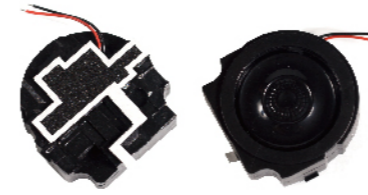
ITEM	Specification
Dimension	External diameter 30*40 mm
Rated Input Power	1.0 W
Impedance	8 ohm \pm 15% at 2KHz
Resonance Frequency	400Hz \pm 20% at Fo, 1V
Sensitivity (S.P.L.)	95dB(0.5W/0.1m) \pm 3 dB at AVE 0.8K, 1.0K, 1.2K, 1.5K(Hz).
Frequency Range	Fo - 20KHz
Distortion	Less than 10% at 2000Hz 2.0W
Max. Input Power	Must be normal at 1.5W white noise for 1 minute.
Voice Coil	Diameter 15.4 mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet ϕ 14.5 x 1.5mm
Weight	5g \pm 0.1g



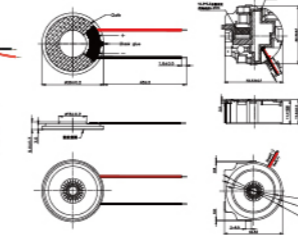
FDS-3525064R8W1.5



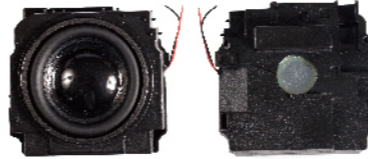
ITEM	Specification
Dimension	External diameter 35x25 mm
Rated Input Power	1.5W
Max. Input Power	1.7W
Impedance	8 ohm \pm 15% at 1000Hz.
Resonance Frequency	500Hz \pm 20% at Fo, 1V
Sensitivity (S.P.L.)	97dB(1.0W/0.1m) \pm 3 dB at AVE 0.8, 1.0, 1.2, 1.5 KHz.
Frequency Range	Fo - 20KHz
Total Harmonics Distortion	Max 8 % at 1 KHz, 1.5W.
Voice Coil	Diameter 13.3mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet 12.5*1.5 mm
Weight	6.5g \pm 0.3g



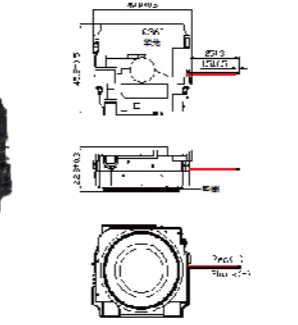
FDS-360-BOX



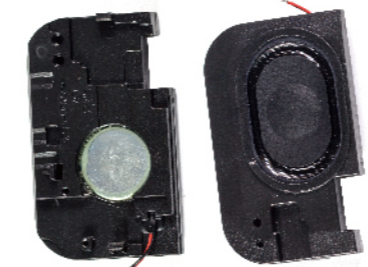
ITEM	Specification
Dimension	External diameter 36 mm
Rated Input Power	1.0W
Max. Input Power	1.5W
Impedance	8 ohm \pm 15% at 1500Hz.
Resonance Frequency	800Hz \pm 20% at Fo, 1V
Sensitivity (S.P.L.)	100dB(1.0W/0.1m) \pm 3 dB at AVE0.8K, 1.0K, 1.5K, 2.0KHz.
Frequency Range	Fo - 20KHz
Total Harmonics Distortion	Max 8 % at 1 KHz, 1.0W.
Voice Coil	Diameter 13.3 mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet ϕ 12.6 x 1.6 mm
Weight	15g \pm 0.2g
Temperature	Operating temperature: -20°C to +60°C Storage temperature: -30°C to +70°C



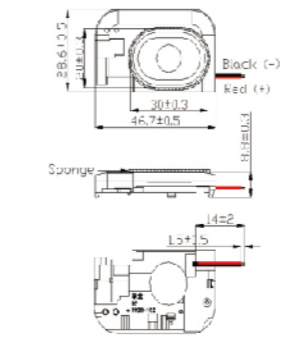
FDS-400-BOX



ITEM	Specification
Dimension	External diameter 40 mm
Rated Input Power	2.0W
Max. Input Power	2.2W
Impedance	4 ohm \pm 15% at 1500Hz.
Resonance Frequency	500Hz \pm 20% at Fo, 1V
Sensitivity (S.P.L.)	103dB(1.0W/0.1m) \pm 3 dB at AVE0.6K, 0.8K, 1.0K, 1.5KHz.
Frequency Range	Fo - 20KHz
Total Harmonics Distortion	Max 8 % at 1 KHz, 2.2W.
Voice Coil	Diameter 16.3 mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet ϕ 15.0 x 3.0 mm
Weight	25.5g \pm 0.2g
Temperature	Operating temperature: -20°C to +60°C Storage temperature: -30°C to +70°C



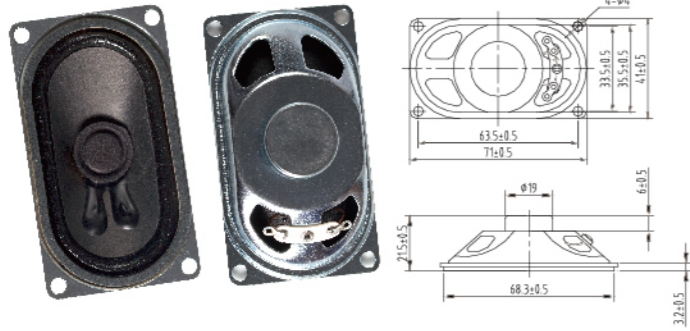
FDS-3020-BOX



ITEM	Specification
Dimension	External diameter 30x20 mm
Rated Input Power	2.0W
Max. Input Power	2.2W
Impedance	8 ohm \pm 15% at 2000Hz.
Resonance Frequency	950Hz \pm 20% at Fo, 1V
Sensitivity (S.P.L.)	96dB(0.1W/0.1m) \pm 3 dB at AVE 0.8, 1.0, 1.2, 1.5 KHz.
Frequency Range	Fo - 20KHz
Total Harmonics Distortion	Max 8 % at 1 KHz, 2.0W.
Voice Coil	Diameter 11.75 mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet 11*1.65 mm
Weight	6.6g \pm 0.5g
Temperature	Operating temperature: -20°C to +60°C Storage temperature: -30°C to +70°C

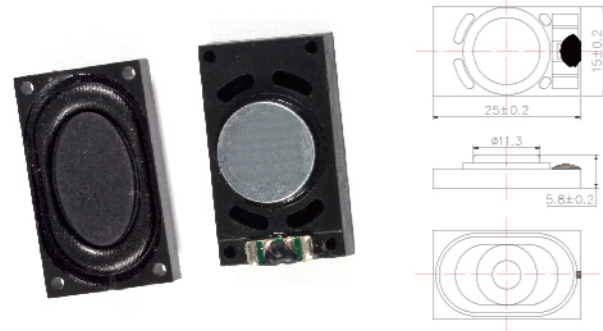


FDS-4070220R4W3.0



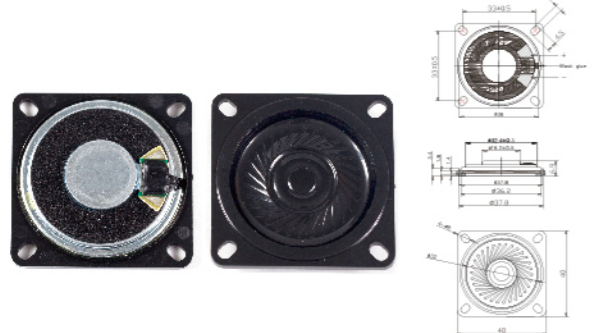
ITEM	Specification
Diameter	41x71mm
Cone Material	Paper
Edge	Cloth
Nominal Power	3.0W
Maximum Power	4.0W
Impedance	8±15%Ω
Voice Coil	Φ13.3mm
Fo/Fo	350±20%Hz
Response	Fo~10KHz
S.PL	84±3dB/1.0w/0.5m
Magnet Size	Φ12.5 mm(NdFeB)
Net Weight	35g

FDS-2515058R8W1.0



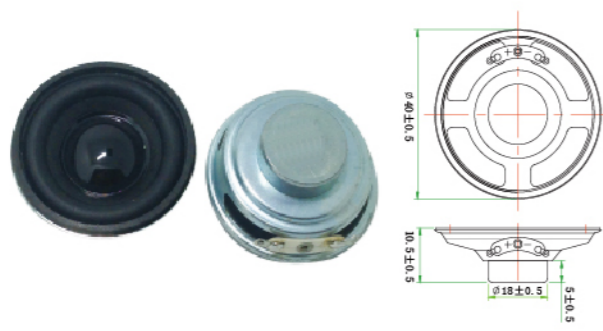
ITEM	Specification
Dimension	External diameter 2515 mm
Rated Input Power	1.0 W
Impedance	8 ohm ± 15% at 1KHz
Resonance Frequency	600 Hz ± 20% at Fo, 1V
Sensitivity (S.PL.)	92dB(1W/1m) ± 3 dB at AVE 0.4K,0.6K,0.8K,1.0K(Hz).
Frequency Range	Fo ~ 20KHz
Distortion	Less than 10 % at 2000Hz 2.0W
Max. Input Power	Must be normal at 1.5W white noise for 1 minute.
Voice Coil	Diameter 8.7 mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet Φ8.0 x 2.0mm
Weight	3.2g ± 0.2g

FDS-4040069R8W1.5



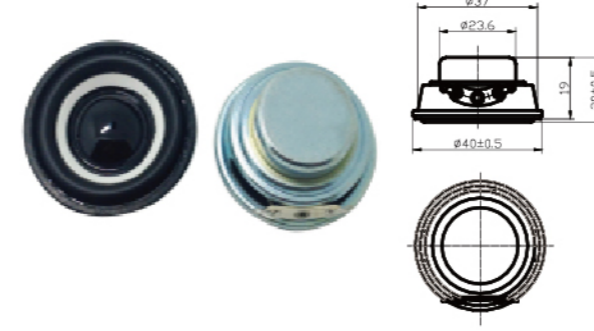
ITEM	Specification
Dimension	External diameter 36mm
Rated Input Power	0.5W
Max. Input Power	0.7W for 1 minute
Impedance	50 ohm ± 15% at 1000Hz
Resonance Frequency	450Hz ± 20% at Fo, 1V
Sensitivity (S.PL.)	91 dB (0.5W / 0.1m) ± 3 dB at AVE0.8,1.0,1.2,1.5 KHz
Frequency Range	Fo ~ 5KHz
Total Harmonics Distortion	Max 8% at 1 KHz 0.5W.
Voice Coil	Diameter 10.25 mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet Φ9.7x1.3 mm
Weight	10g ± 0.2g

FDS-400180R8W2.0



ITEM	Specification
Diameter	Φ40 mm
Cone Material	Paper+PET
Edge	Cloth
Nominal Power	2.0W
Maximum Power	3.0W
Impedance	8±15%Ω
Voice Coil	Φ13.3mm
Fo/Fo	300±20%Hz
Response	Fo~20KHz
S.PL	83±3dB/1.0w/0.5m
Magnet Size	Φ12.5 mm(NdFeB)
Net Weight	18 g

FDS-400200R8W2.0



ITEM	Specification
Diameter	Φ40 mm
Cone Material	PET
Edge	PU
Nominal Power	2.0W
Maximum Power	4.0W
Impedance	8±15ΩΩ
Voice Coil	Φ16.35mm
Fo/Fo	280±20%Hz
Response	Fo~20KHz
S.PL	78±3dB/1.0w/0.5m
Magnet Size	Φ15.5 mm(NdFeB)
Net Weight	27 g

FDS-450190R8W5.0



ITEM	Specification
额定功率	5W
最大功率	6W
灵敏度	87±3dB(AT 0.1M/0.1W, AT 0.6,0.8,1.0,1.2KHZ)
阻抗	4Ω±15%
响应频率	Fo ~ ~ 15KHZ
共振频率 (FO)	250±20%
失真率	≤5%
磁铁尺寸	Φ15.5*4.0
重量	25g±8%
外径	Φ45*19Hmm
音圈尺寸和材质	Φ16.28mm胶管
鼓纸材质	PU边纸盆

FDS-500170R8W1.0



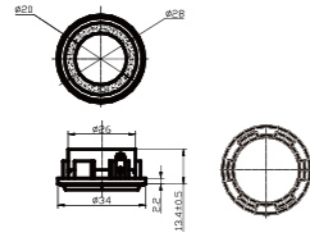
ITEM	Specification
额定功率	0.5W
最大功率	1W
灵敏度	90±3dB(AT 0.1M/0.1W, AT 0.6,0.8,1.0,1.2KHZ)
阻抗	8Ω±15%
响应频率	Fo ~ ~ 5KHZ
共振频率 (FO)	500±20%
失真率	≤5%
磁铁尺寸	Φ32*18*6
重量	48g±8%
外径	Φ50*17Hmm
音圈尺寸和材质	Φ13.28mm纸管
鼓纸材质	全纸盆

FDS-500190R8W2.0



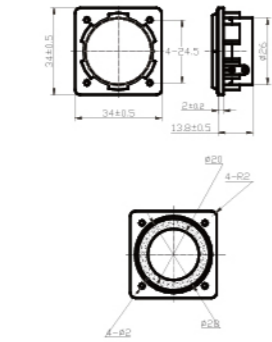
ITEM	Specification
Diameter	Φ50mm
Cone Material	Paper+PET
Edge	Cloth
Nominal Power	2.0W
Maximum Power	3.0W
Impedance	4±15%Ω
Voice Coil	Φ13.3mm
Fo/Fo	250±20%Hz
Response	Fo~10KHz
S.PL	83±3dB/1.0w/0.5m
Magnet Size	Φ12.5 mm(NdFeB)
Net Weight	24g

FDS-3431140R8W2.0



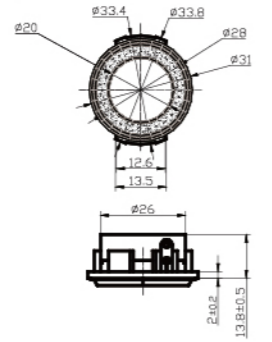
ITEM	Specification
Diameter	Φ34 mm
Cone Material	PET
Edge	Foam
Nominal Power	2.0W
Maximum Power	3.0W
Impedance	8±15%Ω
Voice Coil	Φ19.45mm
Fo/Fo	350±20%Hz
Response	Fo~10KHz
S.PL	78±3dB/1.0w/0.5m
Magnet Size	Φ18 mm(NdFeB)
Net Weight	30 g

FDS-3434135R8W2.0



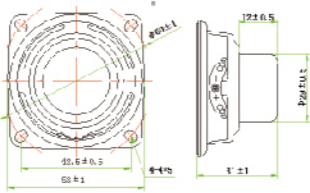
ITEM	Specification
Diameter	34x34mm
Cone Material	PET
Edge	Foam
Nominal Power	2.0W
Maximum Power	3.0W
Impedance	8±15%Ω
Voice Coil	Φ19.45mm
Fo/Fo	350±20%Hz
Response	Fo~10KHz
S.PL	78±3dB/1.0w/0.5m
Magnet Size	Φ18 mm(NdFeB)
Net Weight	30 g

FDS-3434140R8W2.0



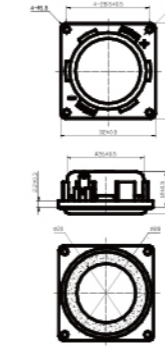
ITEM	Specification
Diameter	34x31mm
Cone Material	PET
Edge	Foam
Nominal Power	2.0W
Maximum Power	3.0W
Impedance	8±15%Ω
Voice Coil	Φ19.45mm
Fo/Fo	350±20%Hz
Response	Fo~20KHz
S.PL	78±3dB/1.0w/0.5m
Magnet Size	Φ18 mm(NdFeB)
Net Weight	30 g

FDS-5353031R8W10.0



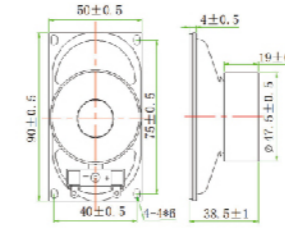
ITEM	Specification
额定功率	10W
最大功率	12W
灵敏度	91±3dB(0.1W/0.1M,0.6,0.8, 1.0,1.2,1.5KHZ)
阻抗	8Ω±15%
响应频率	F0 ~ ~20KHZ
共振频率 (F0)	180±20%
失真率	≤5%
磁铁尺寸	Φ18.5*5.5+ φ15.5*5
重量	74g±8%
外径	Φ53*53*31Hmm
音圈尺寸和材质	Φ20.4mm 胶管
鼓纸材质	PU边纸盆

FDS-3232142R8W2.0



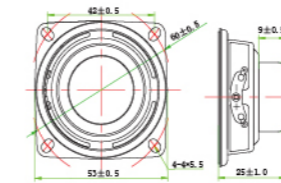
ITEM	Specification
Diameter	32x32mm
Cone Material	PET
Edge	Foam
Nominal Power	2.0W
Maximum Power	3.0W
Impedance	8±15%Ω
Voice Coil	Φ19.45mm
Fo/Fo	350±20%Hz
Response	Fo~10KHz
S.PL	78±3dB/1.0w/0.5m
Magnet Size	Φ18 mm(NdFeB)
Net Weight	30 g

FDS-5080240R4W3.0-T



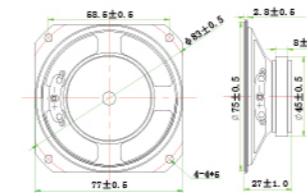
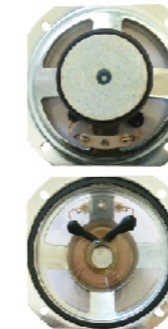
ITEM	Specification
额定功率	5W
最大功率	6W
灵敏度	88±3dB(AT 0.1M/0.1W, AT 0.6,0.8,1.0,1.2KHZ)
阻抗	8Ω±15%
响应频率	Fo ~ ~20KHZ
共振频率 (F0)	350±20%
失真率	≤5%
磁铁尺寸	Φ45*22*8, Φ32*18*6
重量	152g±8%
外径	50*90*38.5Hmm
音圈尺寸和材质	Φ13.28mm胶管
鼓纸材质	防水盆

FDS-5353025R8W5.0



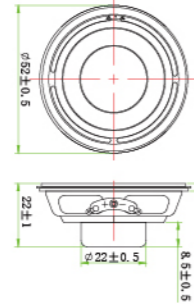
ITEM	Specification
额定功率	5W
最大功率	6W
灵敏度	84±3dB(AT 0.1M/0.1W, AT 0.6,0.8,1.0,1.2KHZ)
阻抗	8Ω±15%
响应频率	Fo ~ ~12KHZ
共振频率 (F0)	190±20%
失真率	≤5%
磁铁尺寸	Φ18.5*4.5
重量	45.5g±8%
外径	53*53*25Hmm
音圈尺寸和材质	Φ19.45mm铝膜
鼓纸材质	PU边PP盆

FDS-7777027R8W5.0-F



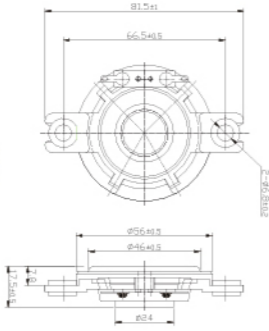
ITEM	Specification
额定功率	5W
最大功率	6W
灵敏度	94±3dB(AT 0.1W/0.1M, AT 0.6,0.8,1.0,1.2 KHz)
阻抗	8Ω±15%
响应频率	Fo ~ ~5KHZ
共振频率 (F0)	450±20%
失真率	≤5%
磁铁尺寸	Φ45*22*8
重量	114g±8%
外径	77*77*27Hmm
音圈尺寸和材质	Φ13.28mm胶管
鼓纸材质	防水盆

FDS-520220R8W5.0



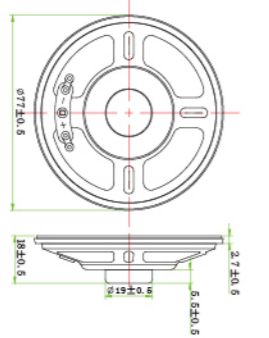
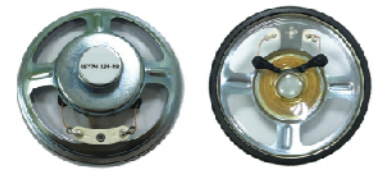
ITEM	Specification
额定功率	5W
最大功率	6W
灵敏度	89±3dB(AT 0.1M/0.1W, AT 0.6,0.8,1.0,1.2KHZ)
阻抗	4Ω±15%
响应频率	Fo ~ ~20KHZ
共振频率 (FO)	180±20%
失真率	≤5%
磁铁尺寸	Φ 15.5*5
重量	30±8%
外径	Φ52*22Hmm
音圈尺寸和材质	Φ16.28mm胶管
鼓纸材质	PU边纸盆

FDS-560175R8W3.0



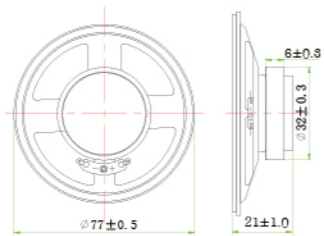
ITEM	Specification
Diameter	Φ56mm
Cone Material	Paper
Edge	Rubber
Nominal Power	3.0W
Maximum Power	4.0W
Impedance	8±15Ω
Voice Coil	Φ13.3mm
Fo/Fo	250±20Hz
Response	Fo~20KHz
S.PL	78±3dB/1.0w/0.5m
Magnet Size	Φ12.5 mm(NdFeB)
Net Weight	22 g

FDS-770180R8W2.0-F



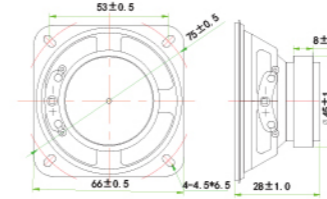
ITEM	Specification
额定功率	2W
最大功率	3W
灵敏度	92±3dB(AT 0.1M/0.1W, AT 0.6,0.8,1.0,1.2KHZ)
阻抗	8Ω±15%
响应频率	Fo ~ ~10KHZ
共振频率 (FO)	500±20%
失真率	≤5%
磁铁尺寸	Φ 12.5*2.0
重量	25g±8%
外径	Φ 77*18Hmm
音圈尺寸和材质	Φ13.28mm纸管
鼓纸材质	防水盆

FDS-777022R8W1.0-W



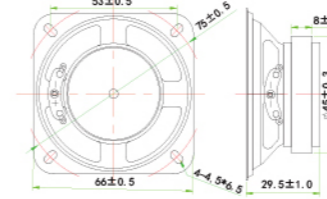
ITEM	Specification
额定功率	1W
最大功率	2W
灵敏度	92±3dB
阻抗	8Ω±15%
响应频率	Fo ~ ~10KHZ
共振频率 (FO)	380±20%
失真率	≤5%
磁铁尺寸	Φ 32*18*6
重量	85g±8%
外径	Φ 77*21Hmm
音圈尺寸和材质	Φ13.28mm纸管
鼓纸材质	全纸盆

FDS-6666028R8W5.0



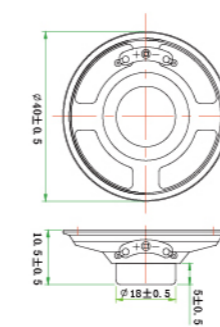
ITEM	Specification
额定功率	5W
最大功率	6W
灵敏度	92±3dB(AT 0.1M/0.1W, AT 0.6,0.8,1.0,1.2KHZ)
阻抗	4Ω±15%
响应频率	Fo ~ ~10KHZ
共振频率 (FO)	180±20%
失真率	≤5%
磁铁尺寸	Φ45*22*8
重量	108g±8%
外径	66*66*28Hmm
音圈尺寸和材质	Φ14.28mm铝膜
鼓纸材质	布边纸盆

FDS-6666030R8W5.0



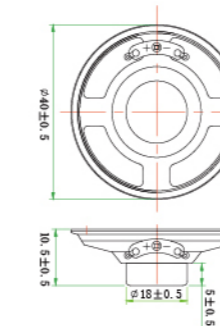
ITEM	Specification
额定功率	5W
最大功率	6W
灵敏度	87±3dB(AT 0.1M/0.1W, AT 0.6,0.8,1.0,1.2KHZ)
阻抗	8Ω±15%
响应频率	Fo ~ ~20KHZ
共振频率 (FO)	170±20%
失真率	≤5%
磁铁尺寸	Φ45*22*8
重量	134g±8%
外径	66*66*29.5Hmm
音圈尺寸和材质	Φ13.28mm耐温纸管
鼓纸材质	泡边纸盆

FDS-360175R4W3.0



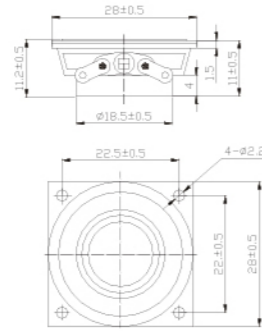
ITEM	Specification
额定功率	3W
最大功率	5W
灵敏度	87±3dB(AT 0.1M/0.1W, AT 0.6,0.8,1.0,1.2KHZ)
阻抗	8Ω±15%
响应频率	Fo ~ ~20KHZ
共振频率 (FO)	350±20%
失真率	≤5%
磁铁尺寸	Φ 12.5*3
重量	15g±8%
外径	Φ 36*17.5Hmm
音圈尺寸和材质	Φ13.28mm纸管
鼓纸材质	PU边纸盆

FDS-400105R8W1.0



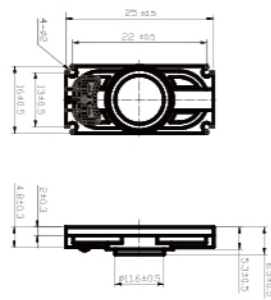
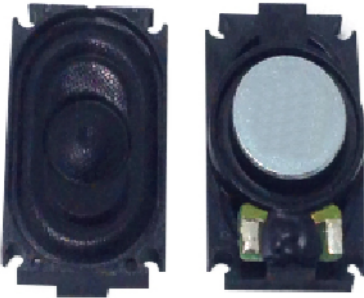
ITEM	Specification
Dimension	External diameter 40mm
Rated Input Power	1.0W
Max. Input Power	2.0W
Impedance	8 ohm ± 15% at 1000Hz.
Resonance Frequency	750Hz ± 20% at
Sensitivity (S.PL.)	87dB (0.1W / 0.1m) ± 3 dB at AVE 1.0K, 2.0K, 5.0K, 10.0KHz.
Frequency Range	Fo - 4.0KHz
Total Harmonics Distortion	Max 5% at 1 KHz,
Voice Coil	Diameter Φ 13.28 mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet Φ 12.5*2.0 mm
Weight	13gg ± 8%

FDS-2828110R8W2.0



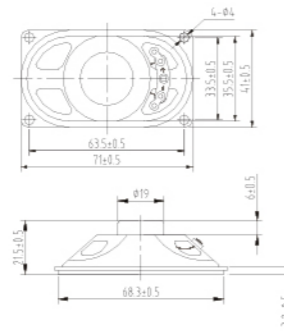
ITEM	Specification
Diameter	28 mm
Cone Material	Paper
Edge	Cloth
Nominal Power	2.0W
Maximum Power	3.0W
Impedance	8±15%Ω
Voice Coil	Φ13.3mm
Fo/Fo	650±20%Hz
Response	Fo~10KHz
S.PL	83±3dB/1w/0.5m
Magnet Size	Φ12.5 mm(NdFeB)
Net Weight	10.5g

FDS-1625065R8W1.0



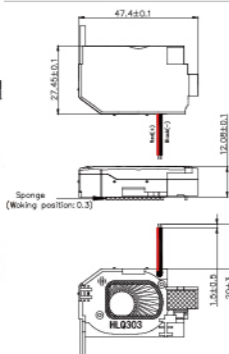
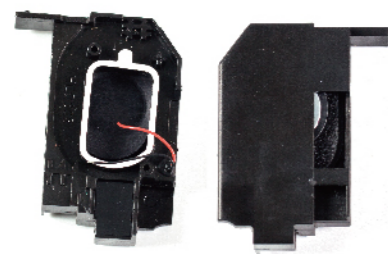
ITEM	Specification
Diameter	16x25mm
Cone Material	Cloth
Edge	Cloth
Nominal Power	1.0W
Maximum Power	1.5W
Impedance	8±15%Ω
Voice Coil	Φ8.7mm
Fo/Fo	750±20%Hz
Response	Fo~10KHz
S.PL	82±3dB/1w/0.5m
Magnet Size	Φ8.0 mm(NdFeB)
Net Weight	3.0g

FDS-4070220R4W3.0



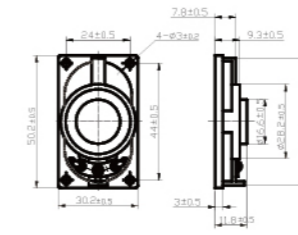
ITEM	Specification
Diameter	41x71mm
Cone Material	Paper
Edge	Cloth
Nominal Power	3.0W
Maximum Power	4.0W
Impedance	8±15%Ω
Voice Coil	Φ13.3mm
Fo/Fo	350±20%Hz
Response	Fo~10KHz
S.PL	84±3dB/1.0w/0.5m
Magnet Size	Φ12.5 mm(NdFeB)
Net Weight	35g

FDS-3525-BOX



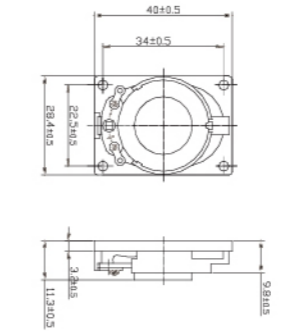
ITEM	Specification
Dimension	External diameter 35x25 mm
Rated Input Power	1.5W
Max. Input Power	1.8W
Impedance	8 ohm ± 15% at 2000Hz.
Resonance Frequency	1000Hz ± 20% at Fo, 1V
Sensitivity (S.PL.)	103dB(1.0W/0.1m) ± 3 dB at AVE 0.8, 1.0, 1.2, 1.5 KHz.
Frequency Range	Fo - 20KHz
Total Harmonics Distortion	Max 8% of 1 KHz, 1.5W.
Voice Coil	Diameter 13.3mm
Magnet	Rare earth permanent (Nd-Fe-B) magnet 12.5*2.0 mm
Weight	10.2g ± 0.5g
Temperature	Operating temperature: -20°C to +70°C Storage temperature: -40°C to +80°C

FDS-5030120R8W2.0



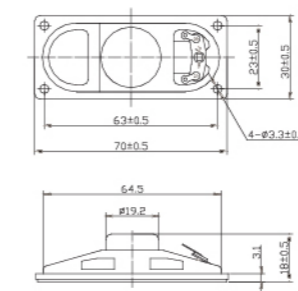
ITEM	Specification
Diameter	50x30mm
Cone Material	Paper
Edge	Cloth
Nominal Power	1.0W
Maximum Power	2.0W
Impedance	8±15%Ω
Voice Coil	Φ13.3mm
Fo/Fo	450±20%Hz
Response	Fo~7KHz
S.PL	85±3dB/1.0w/0.5m
Magnet Size	Φ12.5 mm(NdFeB)
Net Weight	13g

FDS-2840115R8W2.0



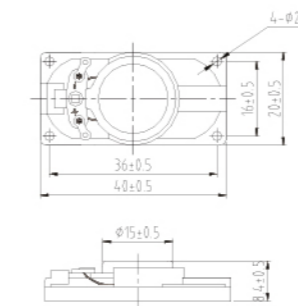
ITEM	Specification
Diameter	40x28mm
Cone Material	Paper
Edge	Cloth
Nominal Power	2.0W
Maximum Power	3.0W
Impedance	4±15%Ω
Voice Coil	Φ13.3mm
Fo/Fo	500±20%Hz
Response	Fo~7KHz
S.PL	85±3dB/1.0w/0.5m
Magnet Size	Φ12.5 mm(NdFeB)
Net Weight	12 g

FDS-3070180R4W2.0



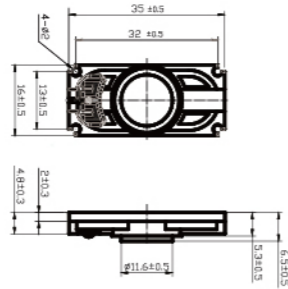
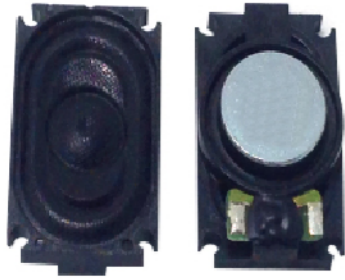
ITEM	Specification
Diameter	30x70x18mm
Cone Material	Paper
Edge	Cloth
Nominal Power	2.0W
Maximum Power	3.0W
Impedance	4±15%Ω
Voice Coil	Φ13.3mm
Fo/Fo	500±20%Hz
Response	Fo~10KHz
S.PL	83±3dB/1.0w/0.5m
Magnet Size	Φ12.5 mm(NdFeB)
Net Weight	22g

FDS-2040084R8W1.0



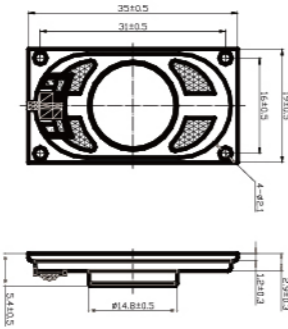
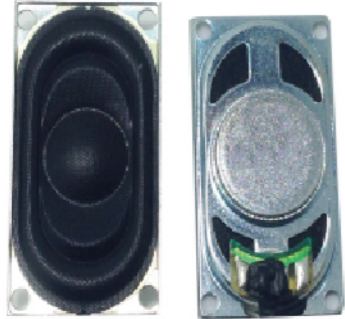
ITEM	Specification
Diameter	20x40mm
Cone Material	Cloth
Edge	Cloth
Nominal Power	1.0W
Maximum Power	1.5W
Impedance	8±15%Ω
Voice Coil	Φ11.75mm
Fo/Fo	550±20%Hz
Response	Fo~20KHz
S.PL	85±3dB/1.0w/0.5m
Magnet Size	Φ11 mm(NdFeB)
Net Weight	7.0g

FDS-1635065R8W1.0



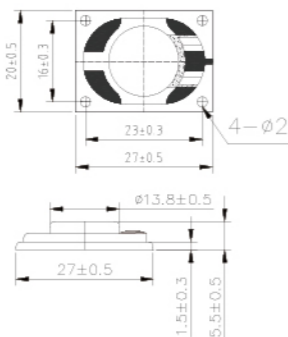
ITEM	Specification
Diameter	16x35mm
Cone Material	Cloth
Edge	Cloth
Nominal Power	1.0W
Maximum Power	1.5W
Impedance	8±15%Ω
Voice Coil	Φ8.7mm
Fo/Fo	750±20%Hz
Response	Fo~10KHz
S.PL	82±3dB/1.0w/0.5m
Magnet Size	Φ8.0 mm(NdFeB)
Net Weight	3.5g

FDS-1935065R8W1.5



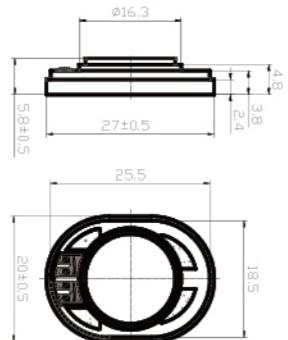
ITEM	Specification
Diameter	19x35mm
Cone Material	Cloth
Edge	Cloth
Nominal Power	1.5W
Maximum Power	2.0W
Impedance	8±15%Ω
Voice Coil	Φ11.75mm
Fo/Fo	750±20%Hz
Response	Fo~20KHz
S.PL	83±3dB/1.0w/0.5m
Magnet Size	Φ11 mm(NdFeB)
Net Weight	7g

FDS-2027055R8W1.0



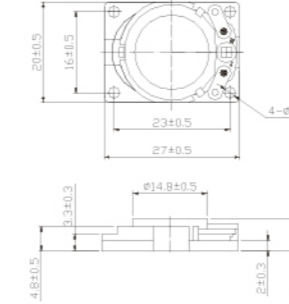
ITEM	Specification
Diameter	20x27mm
Cone Material	Cloth
Edge	Cloth
Nominal Power	1 W
Maximum Power	1.5 W
Impedance	8±15%Ω
Voice Coil	Φ11.75mm
Fo/Fo	700±20%Hz
Response	Fo~20KHz
S.PL	83±3dB/1.0w/0.5m
Magnet Size	Φ11 mm(NdFeB)
Net Weight	5.0 g

FDS-2027058R8W1.0



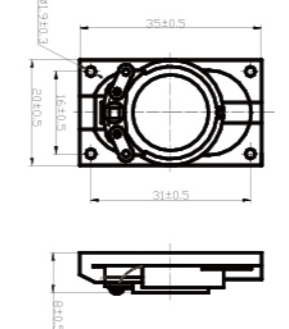
ITEM	Specification
Diameter	20x27mm
Cone Material	Cloth
Edge	Cloth
Nominal Power	1 W
Maximum Power	1.5 W
Impedance	8±15%Ω
Voice Coil	Φ11.75mm
Fo/Fo	700±20%Hz
Response	Fo~20KHz
S.PL	82±3dB/1.0w/0.5m
Magnet Size	Φ11 mm(NdFeB)
Net Weight	3.7g

FDS-2027064R8W1.0



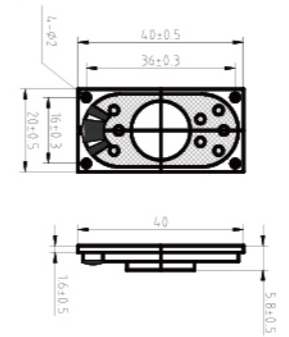
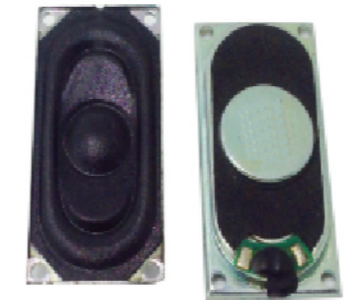
ITEM	Specification
Diameter	20x27mm
Cone Material	Cloth
Edge	Cloth
Nominal Power	1.0W
Maximum Power	1.5W
Impedance	8±15%Ω
Voice Coil	Φ11.75mm
Fo/Fo	700±20%Hz
Response	Fo~20KHz
S.PL	83±3dB/1.0w/0.5m
Magnet Size	Φ11mm(NdFeB)
Net Weight	5.5g

FDS-2035080R8W1.0



ITEM	Specification
Diameter	20x35mm
Cone Material	Cloth
Edge	Cloth
Nominal Power	1.0W
Maximum Power	1.5W
Impedance	8±15%Ω
Voice Coil	Φ11.75mm
Fo/Fo	750±20%Hz
Response	Fo~20KHz
S.PL	85±3dB/1.0w/0.5m
Magnet Size	Φ11mm(NdFeB)
Net Weight	5.5g

FDS-2040058R8W1.0

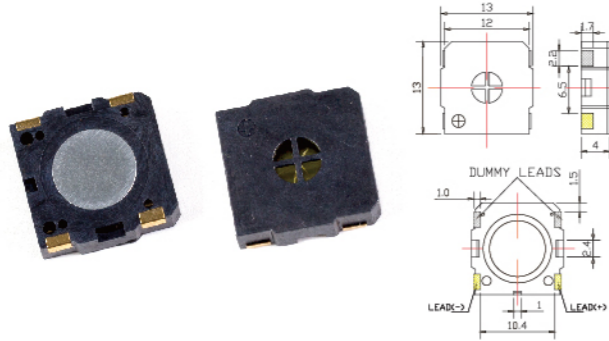


ITEM	Specification
Diameter	20x40mm
Cone Material	Cloth
Edge	Cloth
Nominal Power	1.0W
Maximum Power	2.0W
Impedance	8±15%Ω
Voice Coil	Φ11.75mm
Fo/Fo	450±20%Hz
Response	Fo~10KHz
S.PL	82±3dB/1.0w/0.5m
Magnet Size	Φ11 mm(NdFeB)
Net Weight	8.5 g

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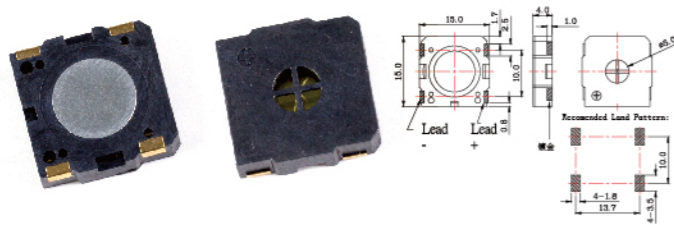
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SMD-1313040R8W0.5



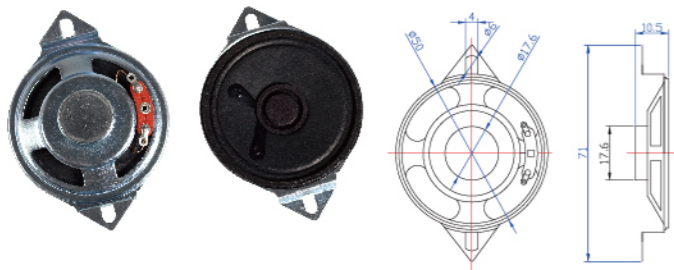
ITEM	Unit	Specification
Dimension	mm	13 x 13 x H4.0
Sound Pressure Level	dB	88±3dB
Power Rating	W	0.7 MAX. 1.0
Impedance	ohm	8±15%Ω
Resonance Frequency	Hz	850±20%
Frequency Rang	Hz	Fo ~20K
Distortion	%	5% Max.
Housing Material		LCP(Black) PIN(Plating Au)
Leading Pin		SMD Type
Weight (MAX)	gram	1.1
Operating Temperature	°C	-40~ +85
Storage Temperature	°C	-50 ~ +95

SMD-1515040R8W0.5



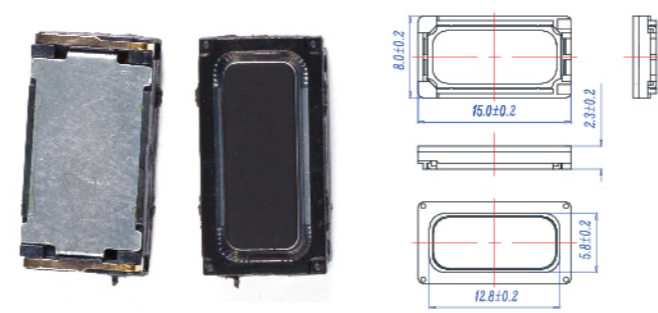
ITEM	Unit	Specification
Dimension	mm	15 x 15 x H4.0
Sound Pressure Level	dB	87±3dB
Power Rating	W	0.5 MAX.0.8
Impedance	ohm	8±15%Ω
Resonance Frequency	Hz	850±20%
Frequency Rang	Hz	Fo ~20K
Distortion	%	5% Max.
Housing Material		LCP(Black) PIN(Plating Au)
Leading Pin		SMD Type
Weight (MAX)	gram	2.1
Operating Temperature	°C	-30~ +85
Storage Temperature	°C	-30 ~ +85

FDS-500105R8W0.5-Z

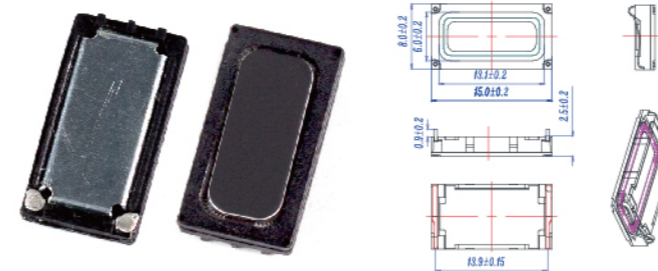


ITEM	Unit	Specification
Dimension	mm	Φ50 x H10.5
Sound Pressure Level	dB	86±3dB
Power Rating	W	0.5 MAX. 1.0
Impedance	ohm	8±15%
Resonance Frequency	Hz	430±20%
Frequency Rang	Hz	Fo ~5.0K
Distortion	%	
Housing Material		Metal
Weight (MAX)	gram	45
Operating Temperature	°C	-20~ +55
Storage Temperature	°C	-30 ~ +65

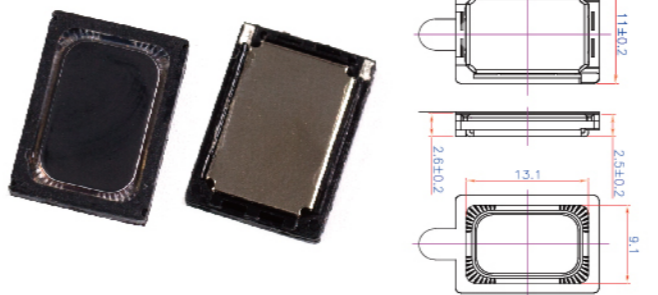
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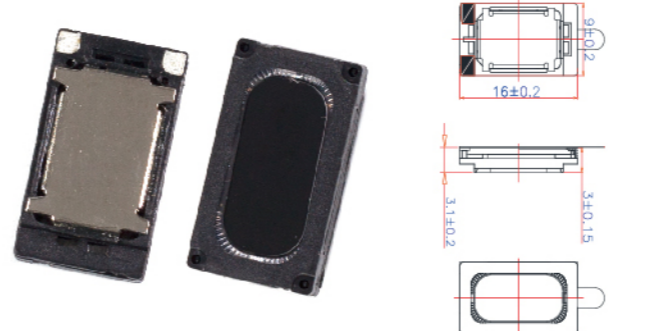
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FDS-1511025R8W0.7

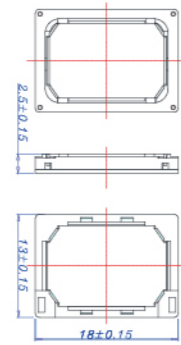
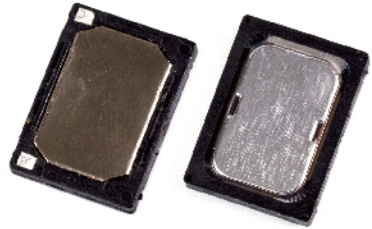


FDS-1609030R8W0.7

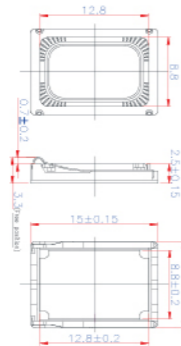
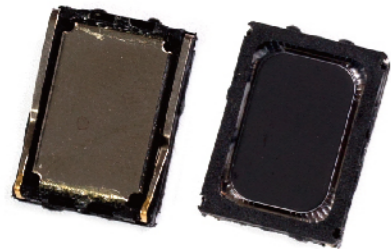


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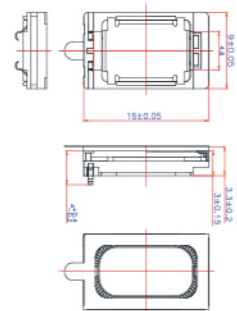
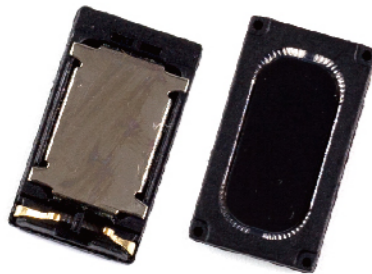
FDS-1813025R8W0.7



FDS-1511025R8W0.7



FDS-1609033R8W0.7-P



MICRO SPEAK WITH SPRING PIN TYPE
微并与弹簧针型

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