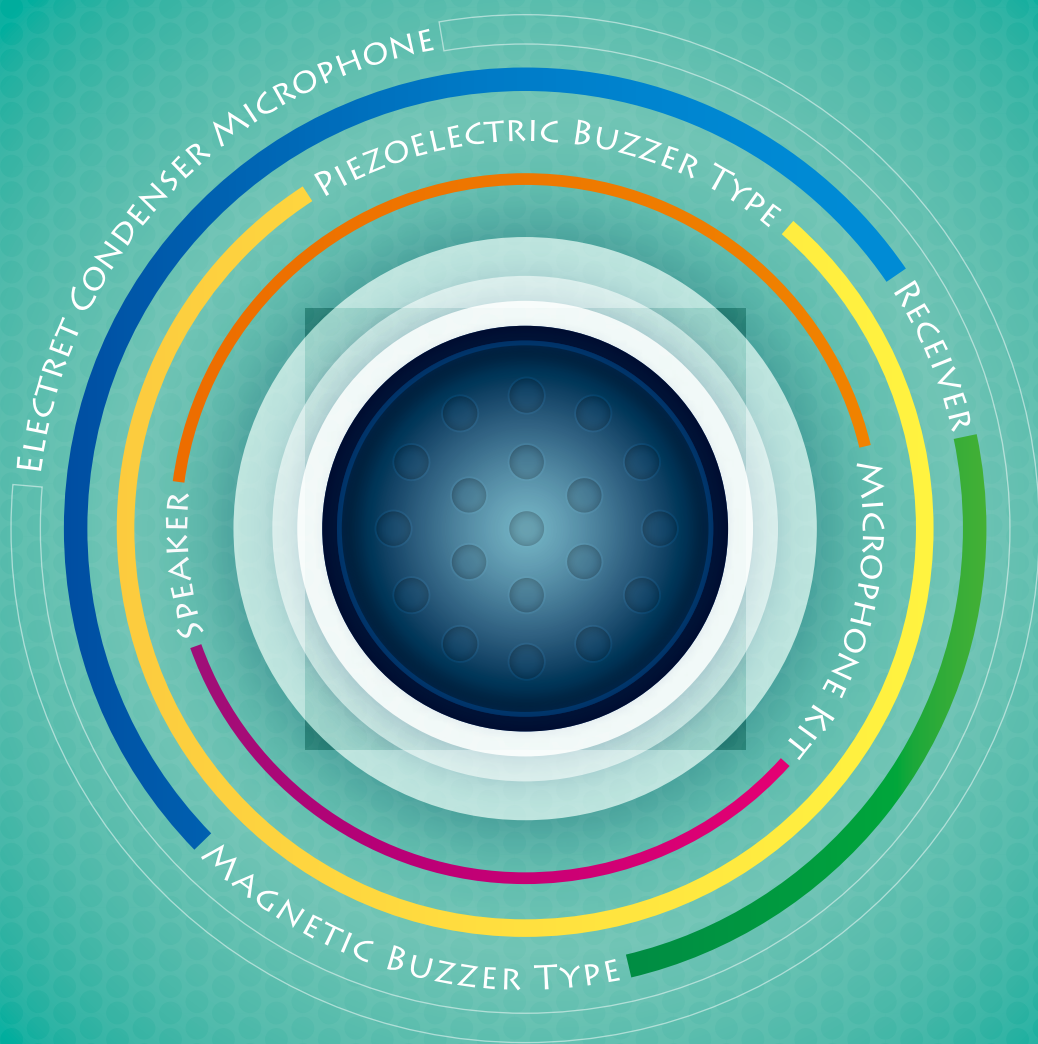




Ariose Electronics Co., Ltd.



Color the **a**coustic World

www.ario.com.tw



公司簡介 COMPANY

Ariose Electronics Co., Ltd.

關於我們 About us

音賜股份有限公司創立於1996年，是值得信賴且富有經驗的「電聲元件專業製造商」。

Founded in 1996, Ariose Electronics Co., Ltd. is a reliable, well-developed and professional manufacturer with well experiences in the electronic acoustic field.

主要產品 Main Products

蜂鳴器、喇叭、音箱、電容式麥克風、聆賞音樂用立體耳機組、藍芽無線傳輸通訊用途的耳機組、外接式麥克風組等。

Buzzer, Speaker, Speaker box, Electret Condenser Microphone, Stereo Headphone Set for multi-media, Earphone Set for communication and handsfree application.

產品適用於 Application

手持式消費性電子產品、手持式無線傳輸電子產品。各式電子、電機量測儀器、醫療儀器與醫療器材、自動化設備、機器人與自動控制設備、家電產品、汽機車警式功能與儀錶警示裝置、大樓消防與安全系統警示設備、居家用安全系統與警報系統等。

Consumer electronics for PDA, GPS, MP3, PMP, DSC, mobile phone, e-book, wireless transmission devices (Bluetooth, WiFi, WiMAX, and so on), electronic measuring instrument, medical instrument, automatic control device and home appliances, automotive alarm device, fire alarm equipment, security system and etc.

前瞻與方向 Future

在電子產品要求：輕薄短小，品質穩定，優惠價格的市場需求趨勢，音賜將以堅實的產品開發能力，豐富的產品應用開發經驗，滿足客戶對電聲產品的需求。

Manufacture small size products with great quality and competitive price based on the trends toward the market of electronic components. We support customers via our innovative abilities and full experiences to meet their acoustic requirements.

經營理念 Company management philosophy :

- ◎ 誠信負責 / Integrity and Responsibility.
- ◎ 專業用心 / Professional and Whole-hearted.
- ◎ 創新發展 / Innovation and Development.
- ◎ 成果分享 / Achievements sharing.

環境政策 Environment Policy :

- ◎ 遵行環保政策規範 / Follow Environmental Protection Rules and Regulations.
- ◎ 減廢減碳降低能耗 / Energy Saving and Carbon Reduction.
- ◎ 污染預防資源回收 / Resource Recycling and Pollution Prevention.
- ◎ 綠色生產永續經營 / Green Manufacturing and Sustainable Development.

品質政策 Quality Policy :

- ◎ 品質第一，持續改善 / Quality comes first with continuous improvement.
- ◎ 全員參與，客戶滿意 / Satisfy the clients, with everyone's involvement.



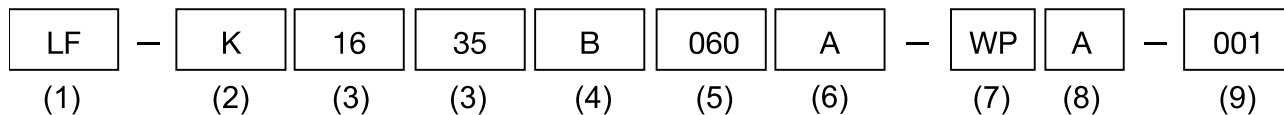
Speaker

喇叭



Speaker

Description of Part No. of Speaker



(1) LF : Compliant with RoHS requirement.

 : Not compliant with RoHS requirement.

(2) K : Micro speaker for voice speech and multimedia function.

H : Micro speaker for head phone function.

KB : Micro speaker with box.

(3) Diameter (mm) : for round type ; the length of square type, rectangular type , oval type and the speaker with enclosure.

(4) Diameter (mm) : the width are only for square type, rectangular type , oval type and the speaker with enclosure.

(5) Impedance (Ω / ohm)

A	4	I	180	Q	21	Y	
B	8	J	300	R	22	Z	
C	16	K	40	S	24		
D	32	L	25	T	7		
E	64	M	2	U	45		
F	100	N	20	V	22.5		
G	50	O	12	W	3		
H	150	P	6	X	10		

(6) Height (mm): i.e.: 3.0mm will be indicated as 030; 2.5mm will be 025 and 13mm will be 130.

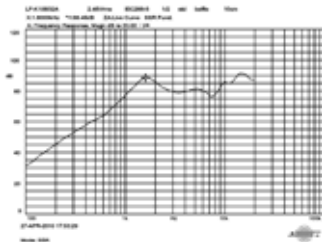
(7) Meaning for same descriptions from item 1 to 6 but with different appearances or electrical characters will be distinguished from A~Z

(8) IP Rating

Without clearly IP Rating will be marked as “WP” only

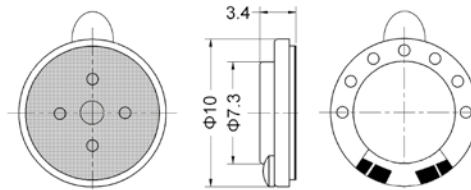
(9) Serial Number

LF-K10B32A



DIMENSIONS :

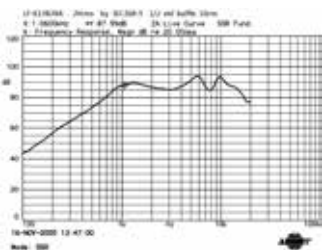
Unit: mm



SPECIFICATIONS

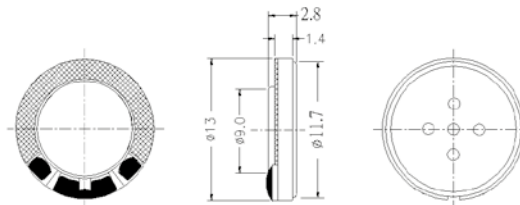
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	1600Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	86±3dB/10cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.75W/1.0W
Distortion	諧波失真率	Hz	10%max. at 2.4KHz
Operating Temp.	工作溫度	°C	-25° C~ +50°C

LF-K13B28A



DIMENSIONS :

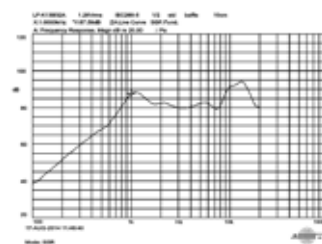
Unit: mm



SPECIFICATIONS

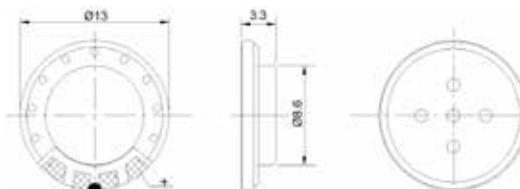
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	1080Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	85±3dB/10cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.5W/0.6W
Distortion	諧波失真率	Hz	5%max. at 2KHz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

LF-K13B32A



DIMENSIONS :

Unit: mm



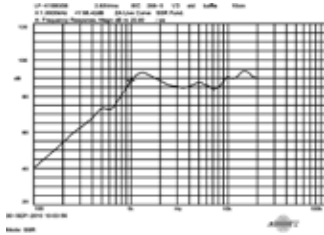
SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	1300Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	85±3dB/10cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.2W/0.5W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-25°C ~ +60°C

Speaker | 喇叭

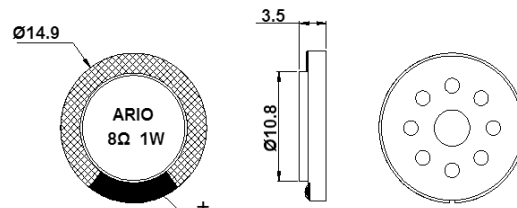
+ Micro speaker 微型喇叭

◎ LF-K15B35B



DIMENSIONS :

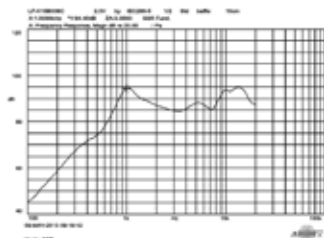
Unit: mm



SPECIFICATIONS

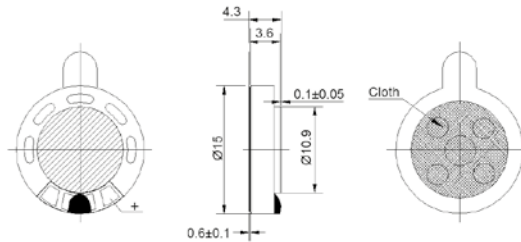
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	1200Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	91±3dB/10cm
Input Power (Nom./Max.)	可承受輸入功率	W	1.0W/1.5W
Distortion	諧波失真率	Hz	10%max. at 1KHz
Operating Temp.	工作溫度	°C	-25° C~ +50°C

◎ LF-K15B036C



DIMENSIONS :

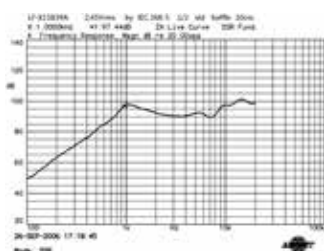
Unit: mm



SPECIFICATIONS

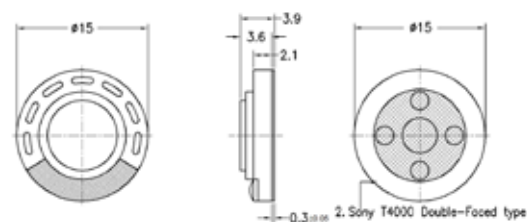
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	850Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	92±3dB/10cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.5W/1.0W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +70°C

◎ LF-K15B39A



DIMENSIONS :

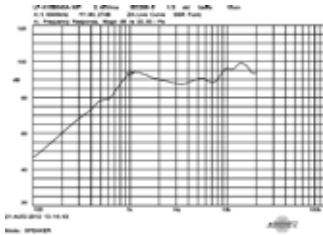
Unit: mm



SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	1000Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	93±3dB/10cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.75W/1.0W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-25°C ~ +60°C

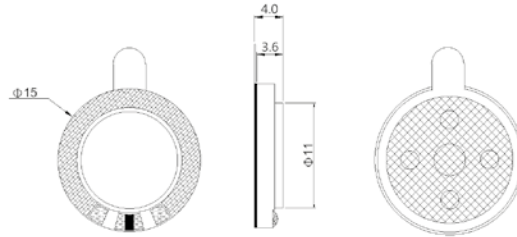
LF-K15B040A-WP



(Waterproof Series: IP54)

DIMENSIONS :

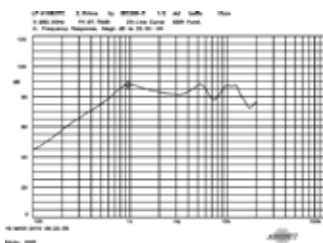
Unit: mm



SPECIFICATIONS

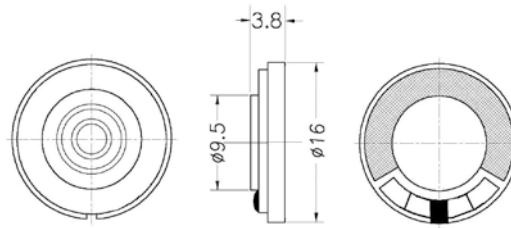
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	1000Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	90±3dB/10cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.75W/1.0W
Distortion	諧波失真率	Hz	10%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

LF-K16B37C



DIMENSIONS :

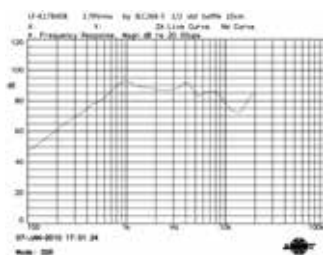
Unit: mm



SPECIFICATIONS

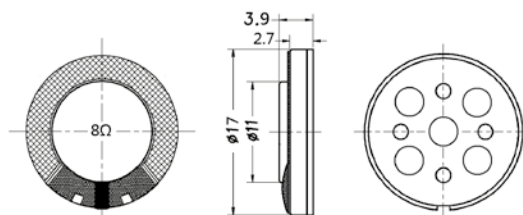
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	990Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	86±3dB/10cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.5W/0.7W
Distortion	諧波失真率	Hz	5%max. at 3KHz
Operating Temp.	工作溫度	°C	-25°C ~ +60°C

LF-K17B40B



DIMENSIONS :

Unit: mm



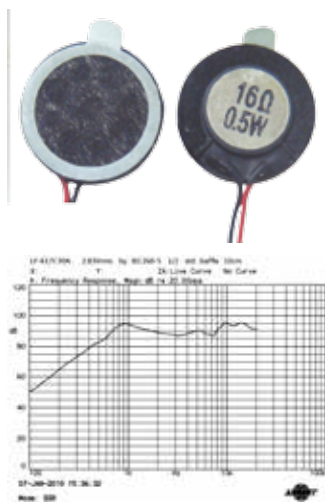
SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	700Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	88±3dB/10cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.4W/0.6W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-25°C ~ +60°C

Speaker | 喇叭

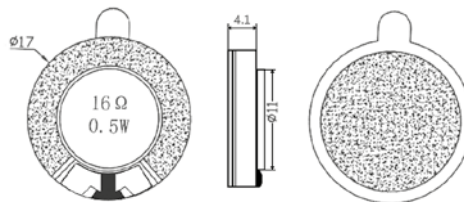
+ Micro speaker 微型喇叭

◎ LF-K17C39A



DIMENSIONS :

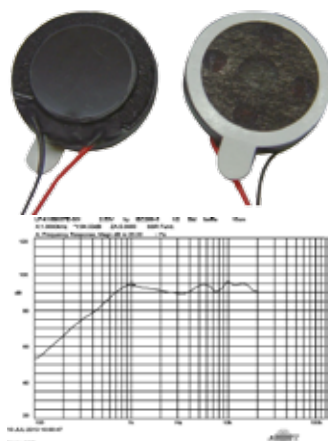
Unit: mm



SPECIFICATIONS

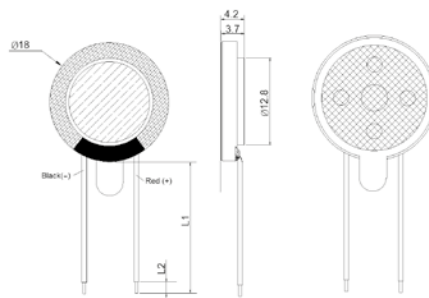
Nominal Impedance	額定阻抗	Ω	16Ω±15%
Resonant Frequency	諧振頻率	Hz	850Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	90±3dB
Input Power (Nom./Max.)	可承受輸入功率	W	0.5W/0.8W
Distortion	諧波失真率	Hz	10%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +70°C

◎ LF-K18B037E-001



DIMENSIONS :

Unit: mm



SPECIFICATIONS

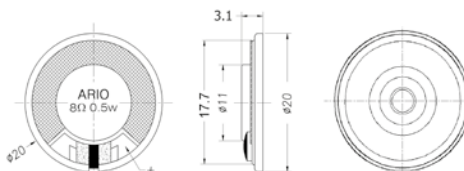
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	850Hz±170Hz
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	92±3dB/10cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.8W/1.0W
Distortion	諧波失真率	Hz	10%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +70°C

◎ LF-K20B31B



DIMENSIONS :

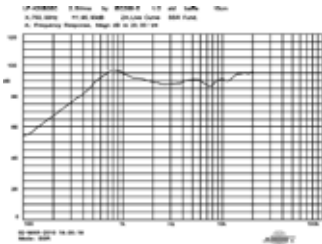
Unit: mm



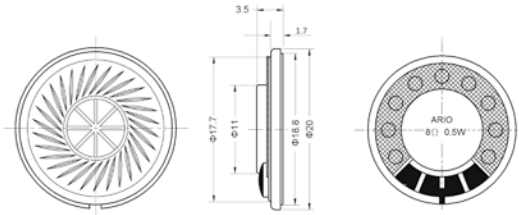
SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	750Hz±140Hz
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	88±3dB/10cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.5W/0.8W
Distortion	諧波失真率	Hz	10%max. at 1KHz
Operating Temp.	工作溫度	°C	-25°C ~ +60°C

◎ LF-K20B35C

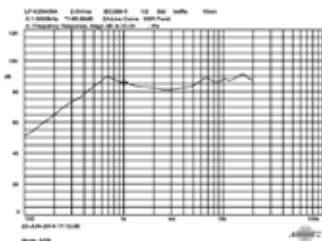


DIMENSIONS :
Unit: mm

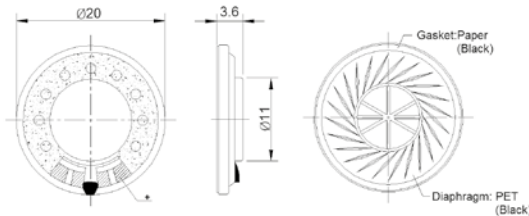


SPECIFICATIONS			
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	750Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	91±3dB/10cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.5W/1.0W
Distortion	諧波失真率	Hz	10%max. at 1.2KHz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

◎ LF-K20A36A

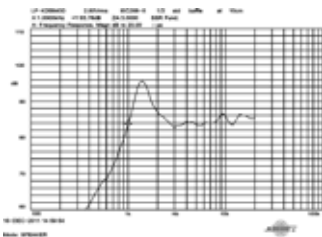


DIMENSIONS :
Unit: mm

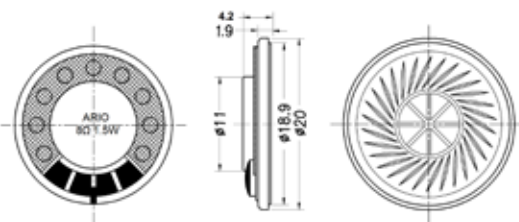


SPECIFICATIONS			
Nominal Impedance	額定阻抗	Ω	4Ω±15%
Resonant Frequency	諧振頻率	Hz	750Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	84±3dB/10cm
Input Power (Nom./Max.)	可承受輸入功率	W	1.0W/1.2W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

◎ LF-K20B40D



DIMENSIONS :
Unit: mm

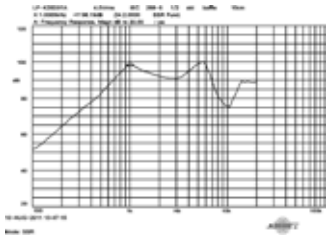


SPECIFICATIONS			
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	1370Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	88±3dB/10cm
Input Power (Nom./Max.)	可承受輸入功率	W	1.5W/2.0W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +55°C

Speaker | 喇叭

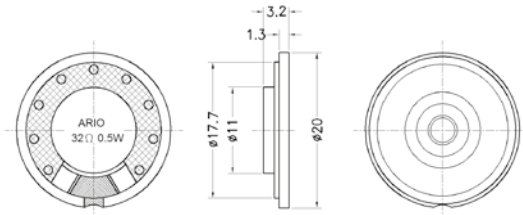
+ Micro speaker 微型喇叭

◎ LF-K20D31A



DIMENSIONS :

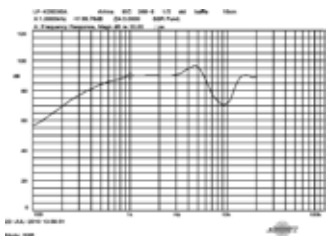
Unit: mm



SPECIFICATIONS

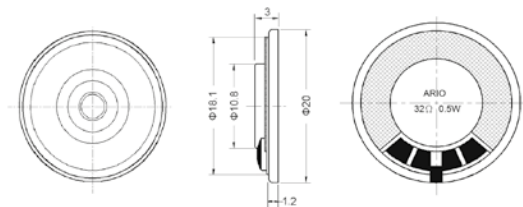
Nominal Impedance	額定阻抗	Ω	32Ω±15%
Resonant Frequency	諧振頻率	Hz	860Hz±20%
Effective Freq. Range	頻響範圍	Hz	F ₀ ~20KHz
Sound Pressure Level	輸出音壓	dB	95±3dB/10cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.5W/0.8W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-25°C ~ +60°C

◎ LF-K20D30A



DIMENSIONS :

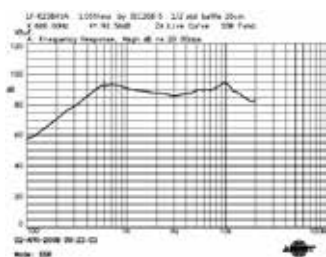
Unit: mm



SPECIFICATIONS

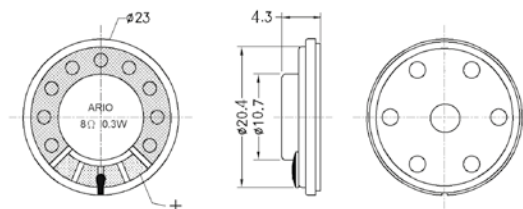
Nominal Impedance	額定阻抗	Ω	32Ω±15%
Resonant Frequency	諧振頻率	Hz	550Hz±150Hz
Effective Freq. Range	頻響範圍	Hz	F ₀ ~6KHz
Sound Pressure Level	輸出音壓	dB	88±3dB/10cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.5W/0.8W
Distortion	諧波失真率	Hz	10%max. at 1KHz
Operating Temp.	工作溫度	°C	-30°C ~ +70°C

◎ LF-K23B43A



DIMENSIONS :

Unit: mm



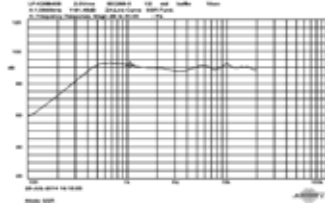
SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	600Hz±20%
Effective Freq. Range	頻響範圍	Hz	F ₀ ~20KHz
Sound Pressure Level	輸出音壓	dB	88±3dB/10cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.3W/0.5W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

Speaker | 喇叭

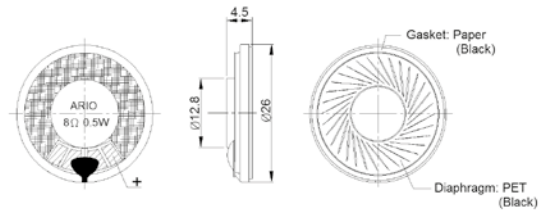
+ Micro speaker 微型喇叭

◎ LF-K26B45B



DIMENSIONS :

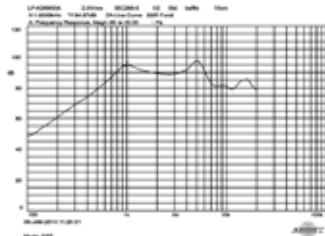
Unit: mm



SPECIFICATIONS

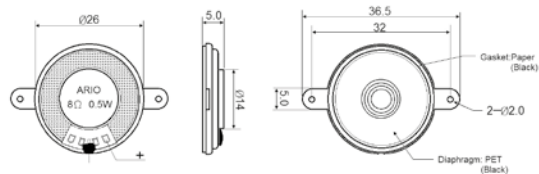
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	550Hz±150Hz
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	91±3dB/10cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.5W/ 1.0W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +55°C

◎ LF-K26B50A



DIMENSIONS :

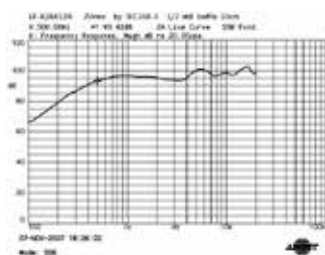
Unit: mm



SPECIFICATIONS

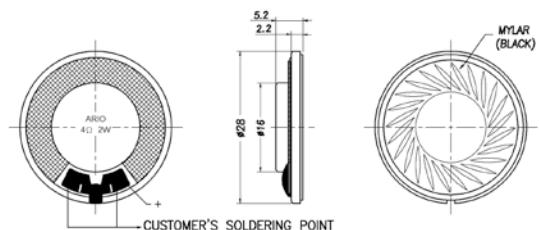
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	750Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	91±3dB/10cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.5W/ 1.0W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

◎ LF-K28A52A



DIMENSIONS :

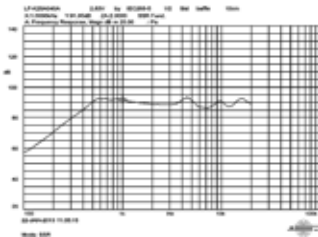
Unit: mm



SPECIFICATIONS

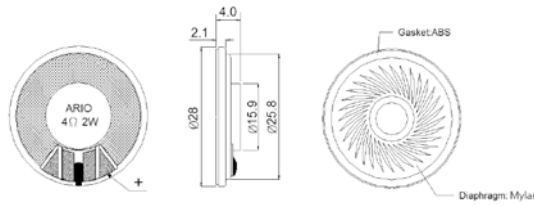
Nominal Impedance	額定阻抗	Ω	4Ω±15%
Resonant Frequency	諧振頻率	Hz	510Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	95±3dB/10cm
Input Power (Nom./Max.)	可承受輸入功率	W	2.0W/3.0W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-25°C ~ +50°C

◎ LF-K28A040A



DIMENSIONS :

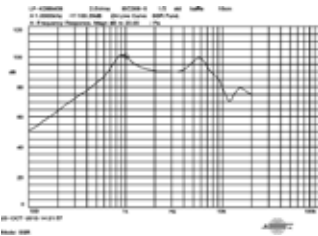
Unit: mm



SPECIFICATIONS

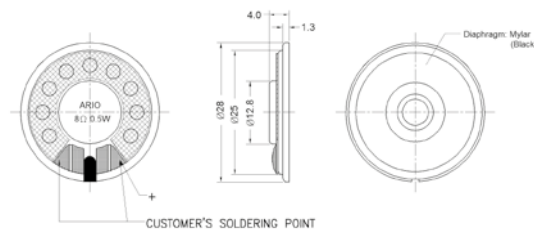
Nominal Impedance	額定阻抗	Ω	4Ω±15%
Resonant Frequency	諧振頻率	Hz	540Hz±150Hz
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	89±3dB/10cm
Input Power (Nom./Max.)	可承受輸入功率	W	2.0W/2.5W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +50°C

◎ LF-K28B40B



DIMENSIONS :

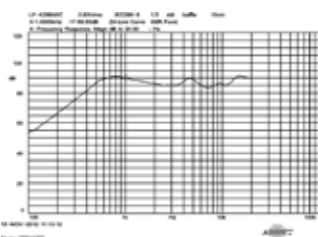
Unit: mm



SPECIFICATIONS

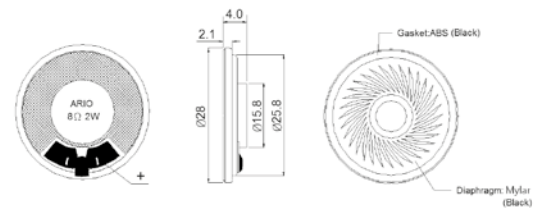
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	940Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	89±3dB/10cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.5W/1.0W
Distortion	諧波失真率	Hz	5%max. at 2KHz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

◎ LF-K28B40C



DIMENSIONS :

Unit: mm



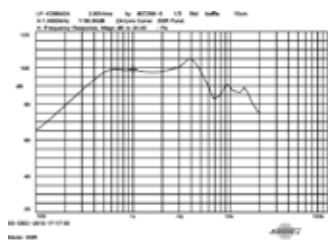
SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	540Hz±150Hz
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	88±3dB/10cm
Input Power (Nom./Max.)	可承受輸入功率	W	2.0W/2.5W
Distortion	諧波失真率	Hz	10%max. at 1KHz
Operating Temp.	工作溫度	°C	-25°C ~ +60°C

Speaker | 喇叭

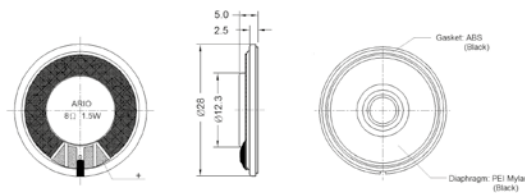
+ Micro speaker 微型喇叭

◎ LF-K28B42A



DIMENSIONS :

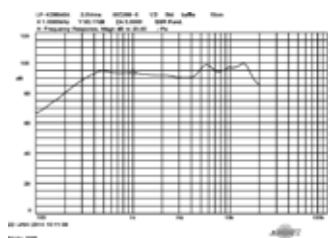
Unit: mm



SPECIFICATIONS

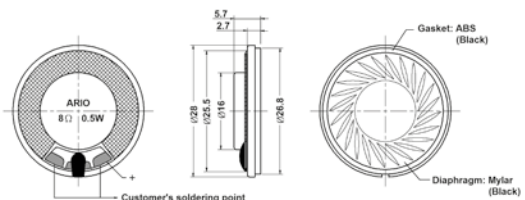
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	550Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~5KHz
Sound Pressure Level	輸出音壓	dB	98±3dB/10cm
Input Power (Nom./Max.)	可承受輸入功率	W	1.5W/2.0W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-25°C ~ +85°C

◎ LF-K28B45A



DIMENSIONS :

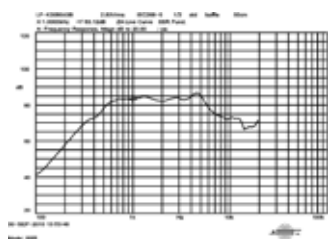
Unit: mm



SPECIFICATIONS

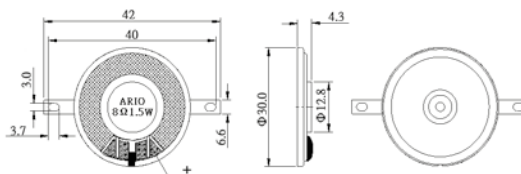
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	400Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	90±3dB/10cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.5W/1.0W
Distortion	諧波失真率	Hz	10%max. at 2KHz
Operating Temp.	工作溫度	°C	-25°C ~ +60°C

◎ LF-K30B043B



DIMENSIONS :

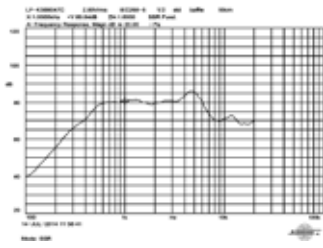
Unit: mm



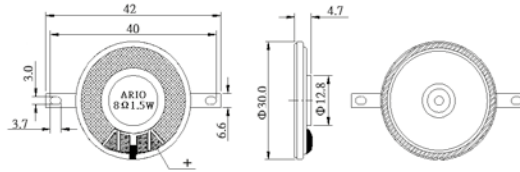
SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	750Hz±150Hz
Effective Freq. Range	頻響範圍	Hz	500~10KHz
Sound Pressure Level	輸出音壓	dB	83±3dB/ 50cm
Input Power (Nom./Max.)	可承受輸入功率	W	1.5W/ 2.0W
Distortion	諧波失真率	Hz	5%max. at 2.4KHz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

◎ LF-K30B047C



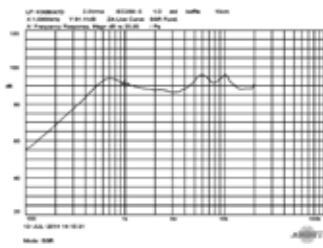
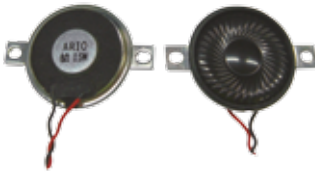
DIMENSIONS :
Unit: mm



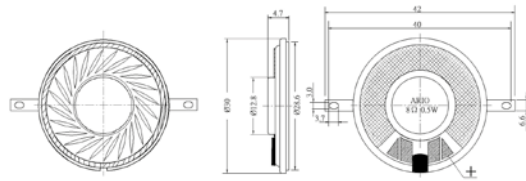
SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	750Hz±150Hz
Effective Freq. Range	頻響範圍	Hz	500~15KHz
Sound Pressure Level	輸出音壓	dB	80±3dB/ 50cm
Input Power (Nom./Max.)	可承受輸入功率	W	1.5W/ 2.0W
Distortion	諧波失真率	Hz	5%max. at 2.4KHz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

◎ LF-K30B047D



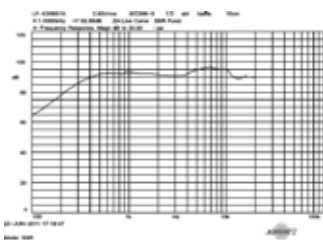
DIMENSIONS :
Unit: mm



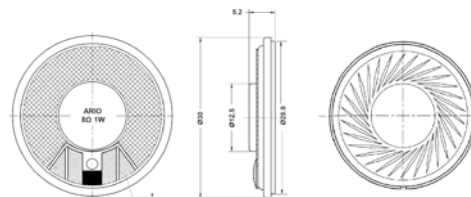
SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	650Hz±150Hz
Effective Freq. Range	頻響範圍	Hz	Fo~18KHz
Sound Pressure Level	輸出音壓	dB	92±3dB/ 10cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.5W/ 1.0W
Distortion	諧波失真率	Hz	10%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +55°C

◎ LF-K30B51A



DIMENSIONS :
Unit: mm



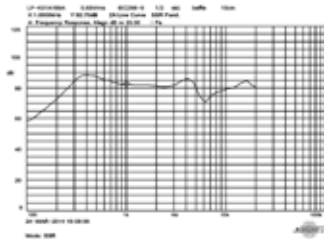
SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	370Hz±150Hz
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	92±3dB/ 10cm
Input Power (Nom./Max.)	可承受輸入功率	W	1.0W/ 1.5W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-25°C ~ +60°C

Speaker | 喇叭

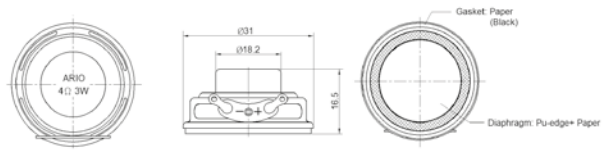
+ Micro speaker 微型喇叭

◎ LF-K31A165A



DIMENSIONS :

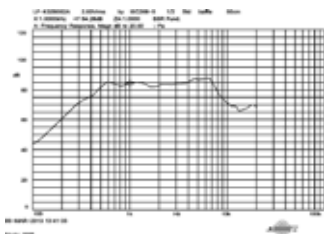
Unit: mm



SPECIFICATIONS

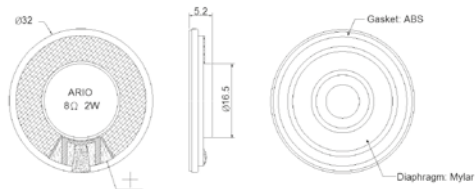
Nominal Impedance	額定阻抗	Ω	4Ω±15%
Resonant Frequency	諧振頻率	Hz	380Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~5KHz
Sound Pressure Level	輸出音壓	dB	85±3dB/ 10cm
Input Power (Nom./Max.)	可承受輸入功率	W	3.0W/ 4.0W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-30°C ~ +70°C

◎ LF-K32B052A



DIMENSIONS :

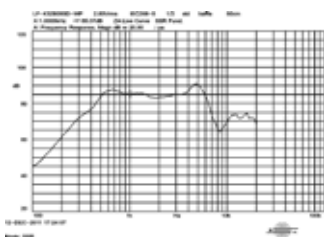
Unit: mm



SPECIFICATIONS

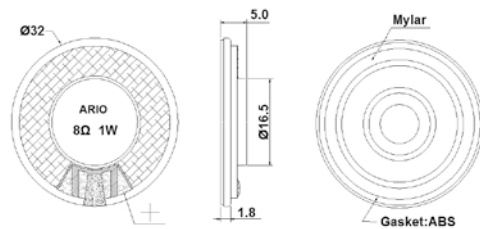
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	680Hz±150Hz
Effective Freq. Range	頻響範圍	Hz	Fo~6KHz
Sound Pressure Level	輸出音壓	dB	83±3dB/ 50cm
Input Power (Nom./Max.)	可承受輸入功率	W	2.0W/ 2.5W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +50°C

◎ LF-K32B050D-WP



DIMENSIONS :

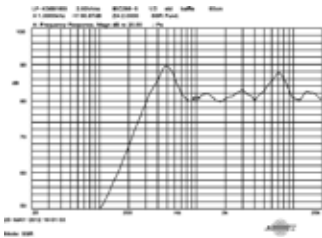
Unit: mm



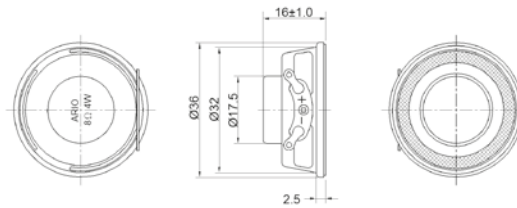
SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	680Hz±150Hz
Effective Freq. Range	頻響範圍	Hz	Fo~6KHz
Sound Pressure Level	輸出音壓	dB	85±3dB/ 50cm
Input Power (Nom./Max.)	可承受輸入功率	W	1.0W/ 1.5W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +50°C

◎ LF-K36B160I

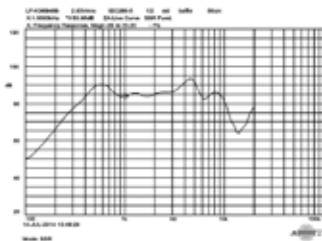


DIMENSIONS :
Unit: mm

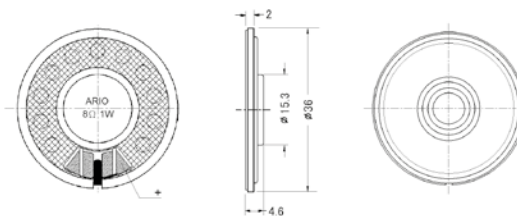


SPECIFICATIONS			
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	450Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	82±3dB/ 50cm
Input Power (Nom./Max.)	可承受輸入功率	W	4.0W/ 6.0W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-30°C ~ +70°C

◎ LF-K36B46B

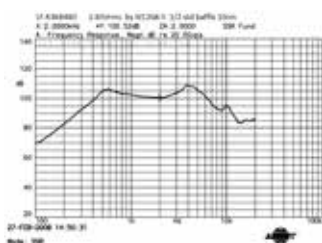


DIMENSIONS :
Unit: mm

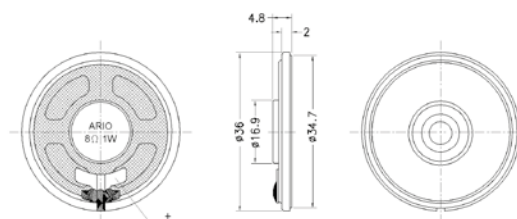


SPECIFICATIONS			
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	500Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~6.0KHz
Sound Pressure Level	輸出音壓	dB	86±3dB/ 50cm
Input Power (Nom./Max.)	可承受輸入功率	W	1.0W/ 1.5W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

◎ LF-K36B48D



DIMENSIONS :
Unit: mm

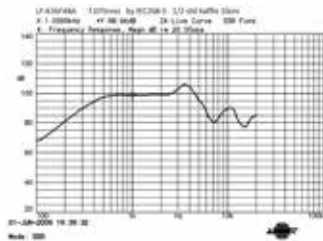


SPECIFICATIONS			
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	550Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~5KHz
Sound Pressure Level	輸出音壓	dB	102±3dB/ 10cm
Input Power (Nom./Max.)	可承受輸入功率	W	1.0W/ 1.5W
Distortion	諧波失真率	Hz	10%max. at 2KHz
Operating Temp.	工作溫度	°C	-25°C ~ +85°C

Speaker | 喇叭

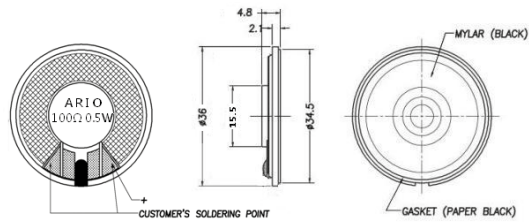
+ Micro speaker 微型喇叭

◎ LF-K36F48A



DIMENSIONS :

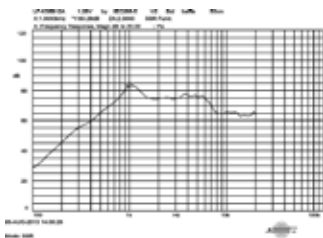
Unit: mm



SPECIFICATIONS

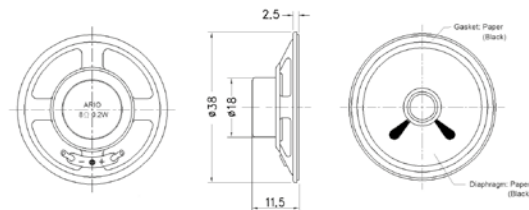
Nominal Impedance	額定阻抗	Ω	100Ω±15%
Resonant Frequency	諧振頻率	Hz	540Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	98±3dB/ 10cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.5W/ 1.0W
Distortion	諧波失真率	Hz	10%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

◎ LF-K38B12A



DIMENSIONS :

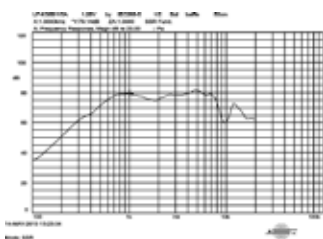
Unit: mm



SPECIFICATIONS

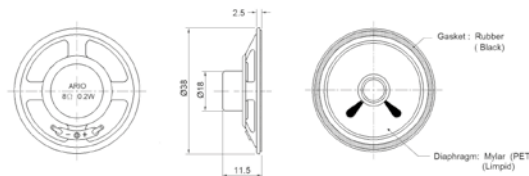
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	900Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~4KHz
Sound Pressure Level	輸出音壓	dB	77±3dB/ 50cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.2W/ 0.3W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +55°C

◎ LF-K38B115A



DIMENSIONS :

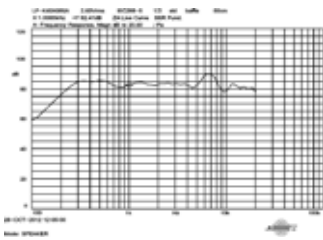
Unit: mm



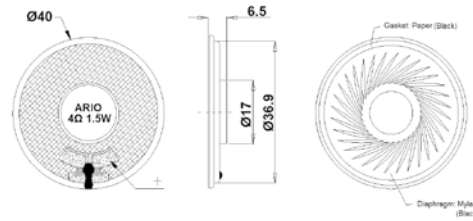
SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	850Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~8KHz
Sound Pressure Level	輸出音壓	dB	78±3dB/ 50cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.2W/ 0.3W
Distortion	諧波失真率	Hz	5%max. at 800Hz
Operating Temp.	工作溫度	°C	-20°C ~ +70°C

◎ LF-K40A065A



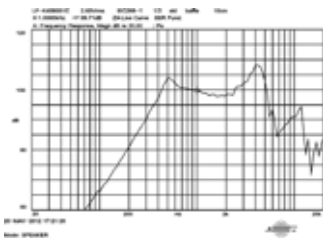
DIMENSIONS :
Unit: mm



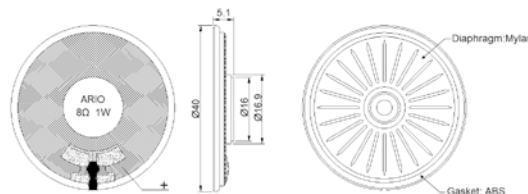
SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	4Ω±15%
Resonant Frequency	諧振頻率	Hz	310Hz±100Hz
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	83±3dB/ 50cm
Input Power (Nom./Max.)	可承受輸入功率	W	1.5W/ 2.0W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +85°C

◎ LF-K40B051C



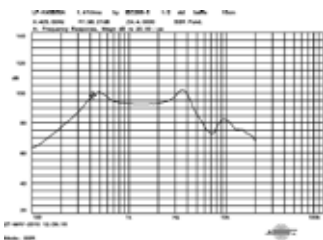
DIMENSIONS :
Unit: mm



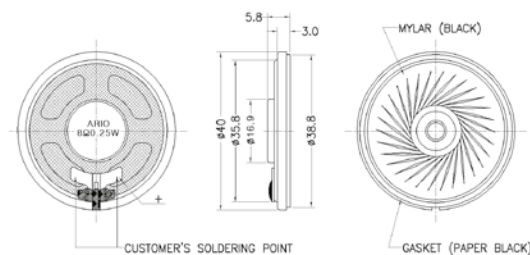
SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	520Hz±150Hz
Effective Freq. Range	頻響範圍	Hz	400~20KHz
Sound Pressure Level	輸出音壓	dB	100±3dB/10cm
Input Power (Nom./Max.)	可承受輸入功率	W	1.0W/ 1.5W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

◎ LF-K40B58A



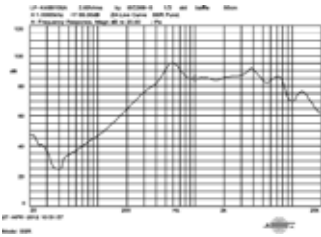
DIMENSIONS :
Unit: mm



SPECIFICATIONS

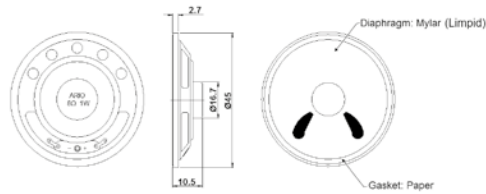
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	430Hz±20%
Effective Freq. Range	頻響範圍	Hz	300~5KHz
Sound Pressure Level	輸出音壓	dB	94±3dB/10cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.25W/ 0.4W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

◎ LF-K45B105A



DIMENSIONS :

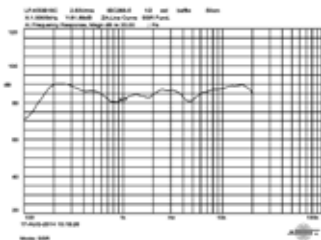
Unit: mm



SPECIFICATIONS

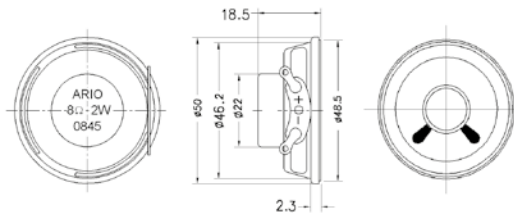
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	600Hz±150Hz
Effective Freq. Range	頻響範圍	Hz	Fo~5KHz
Sound Pressure Level	輸出音壓	dB	87±3dB/50cm
Input Power (Nom./Max.)	可承受輸入功率	W	1.0W/ 1.5W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +55°C

◎ LF-K50B18C



DIMENSIONS :

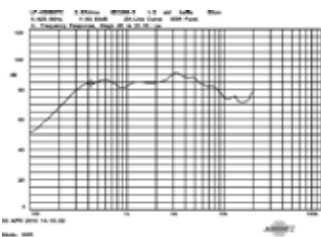
Unit: mm



SPECIFICATIONS

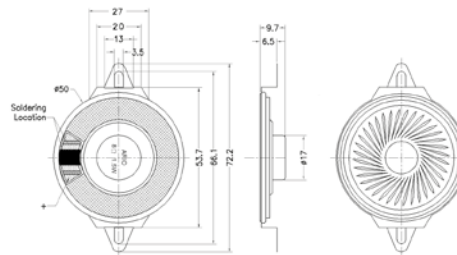
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	190Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	86±3dB/50cm
Input Power (Nom./Max.)	可承受輸入功率	W	2.0W/ 3.0W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

◎ LF-K50B97C



DIMENSIONS :

Unit: mm



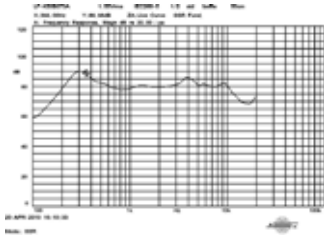
SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	420Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~9KHz
Sound Pressure Level	輸出音壓	dB	85±3dB/50cm
Input Power (Nom./Max.)	可承受輸入功率	W	1.5W/ 2.0W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +50°C

Speaker | 喇叭

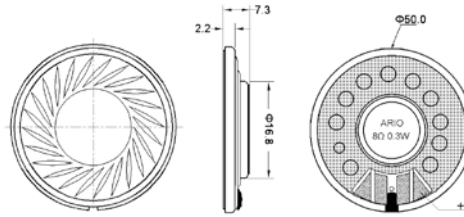
+ Micro speaker 微型喇叭

◎ LF-K50B073A



DIMENSIONS :

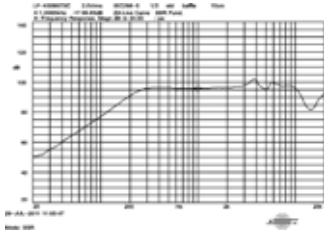
Unit: mm



SPECIFICATIONS

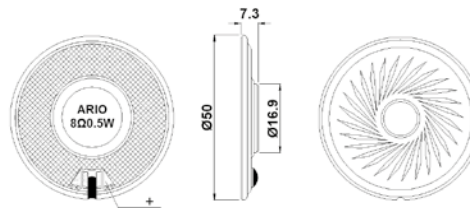
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	350Hz±100Hz
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	82±3dB/50cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.3W/ 0.5W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

◎ LF-K50B073C



DIMENSIONS :

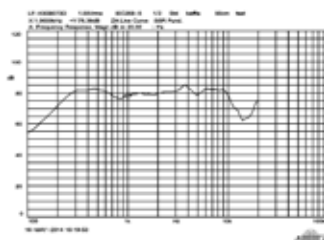
Unit: mm



SPECIFICATIONS

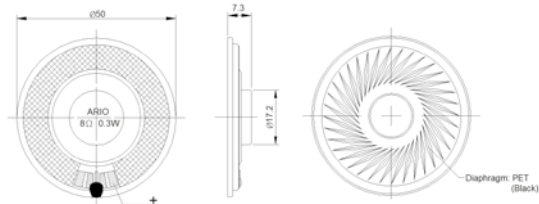
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	300Hz±100Hz
Effective Freq. Range	頻響範圍	Hz	250~20KHz
Sound Pressure Level	輸出音壓	dB	97±3dB/10cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.5W/ 1.0W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +50°C

◎ LF-K50B073D



DIMENSIONS :

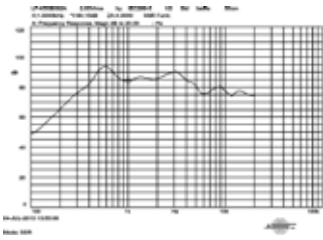
Unit: mm



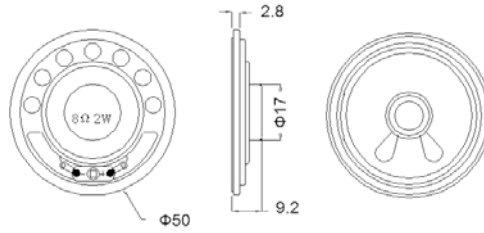
SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	350Hz±100Hz
Effective Freq. Range	頻響範圍	Hz	FO~10KHz
Sound Pressure Level	輸出音壓	dB	80±3dB/50cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.3W/ 0.5W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

LF-K50B092A

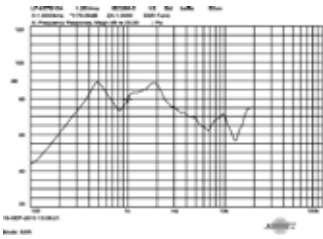


DIMENSIONS :
Unit: mm

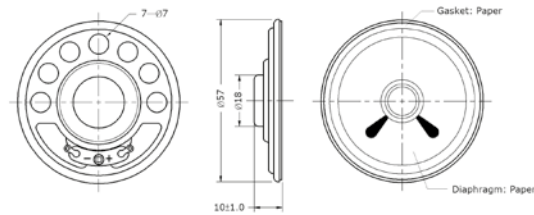


SPECIFICATIONS			
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	600Hz±120Hz
Effective Freq. Range	頻響範圍	Hz	300~4KHz
Sound Pressure Level	輸出音壓	dB	87±3dB/50cm
Input Power (Nom./Max.)	可承受輸入功率	W	2.0W/ 3.0W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-25°C ~ +50°C

LF-K57B10A

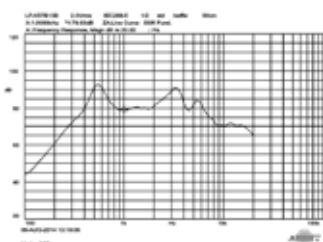


DIMENSIONS :
Unit: mm

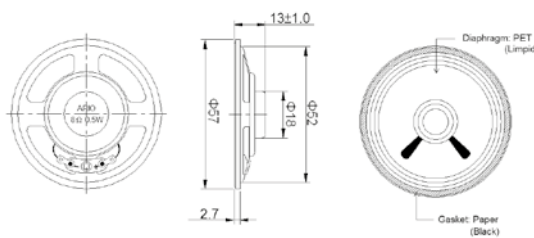


SPECIFICATIONS			
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	500Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~6KHz
Sound Pressure Level	輸出音壓	dB	83±3dB/50cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.2W/ 0.5W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

LF-K57B13B



DIMENSIONS :
Unit: mm

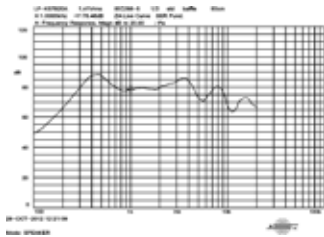


SPECIFICATIONS			
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	560Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~5KHz
Sound Pressure Level	輸出音壓	dB	84±3dB/ 50cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.5W/ 1.0W
Distortion	諧波失真率	Hz	7%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +55°C

Speaker | 喇叭

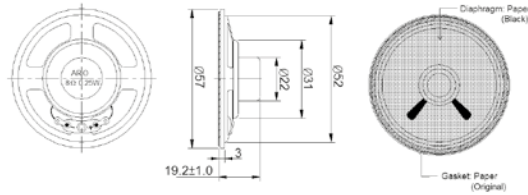
+ Micro speaker 微型喇叭

◎ LF-K57B20A



DIMENSIONS :

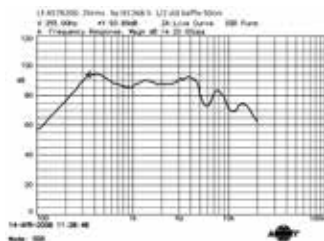
Unit: mm



SPECIFICATIONS

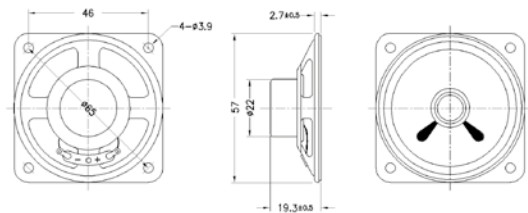
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	450Hz±90Hz
Effective Freq. Range	頻響範圍	Hz	F ₀ ~10KHz
Sound Pressure Level	輸出音壓	dB	83±3dB/ 50cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.25W/ 0.5W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +55°C

◎ LF-K57B20D



DIMENSIONS :

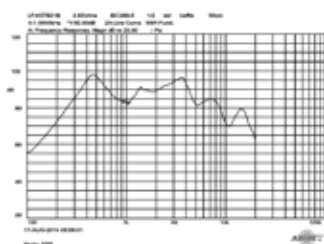
Unit: mm



SPECIFICATIONS

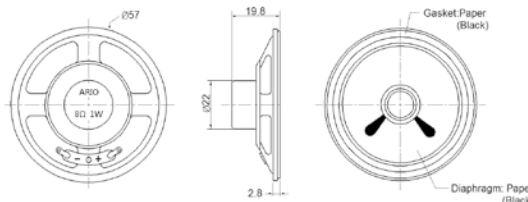
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	350Hz±20%
Effective Freq. Range	頻響範圍	Hz	F ₀ ~4.9KHz
Sound Pressure Level	輸出音壓	dB	88±3dB/ 50cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.5W/ 1.0W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

◎ LF-K57B21B



DIMENSIONS :

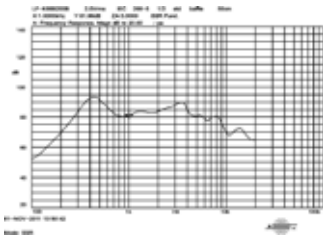
Unit: mm



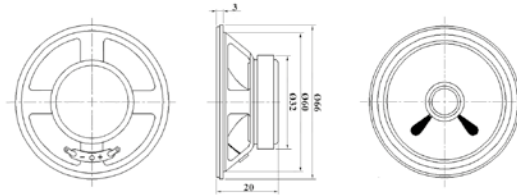
SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	480Hz±100Hz
Effective Freq. Range	頻響範圍	Hz	F ₀ ~10KHz
Sound Pressure Level	輸出音壓	dB	89±3dB/ 50cm
Input Power (Nom./Max.)	可承受輸入功率	W	1.0W/ 2.0W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

◎ LF-K66B200B

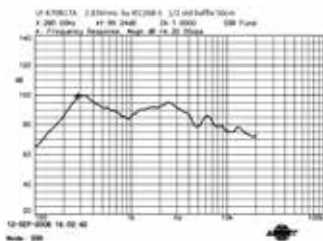


DIMENSIONS :
Unit: mm

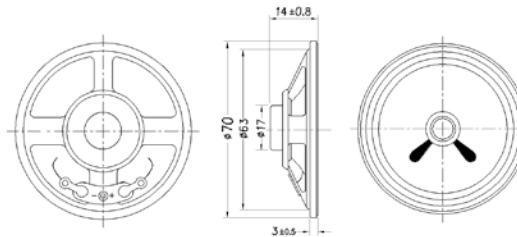


SPECIFICATIONS			
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	420Hz±20%
Effective Freq. Range	頻響範圍	Hz	400~4KHz
Sound Pressure Level	輸出音壓	dB	86±3dB/ 50cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.5W/ 1.0W
Distortion	諧波失真率	Hz	5%max. at 800Hz
Operating Temp.	工作溫度	°C	-20°C ~ +55°C

◎ LF-K70B17A

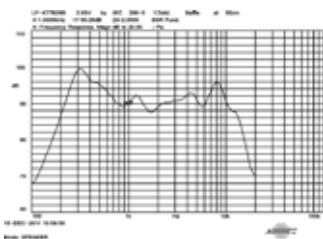


DIMENSIONS :
Unit: mm

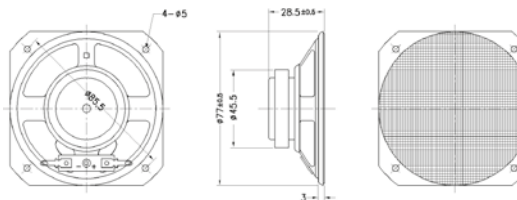


SPECIFICATIONS			
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	280Hz±56Hz
Effective Freq. Range	頻響範圍	Hz	Fo~4KHz
Sound Pressure Level	輸出音壓	dB	96±3dB/ 50cm
Input Power (Nom./Max.)	可承受輸入功率	W	3.0W/ 4.0W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

◎ LF-K77B28B(方形)



DIMENSIONS :
Unit: mm

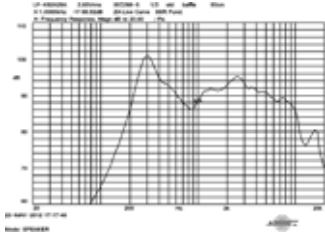


SPECIFICATIONS			
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	300Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~3.2KHz
Sound Pressure Level	輸出音壓	dB	93±3dB/ 50cm
Input Power (Nom./Max.)	可承受輸入功率	W	2.0W/ 3.0W
Distortion	諧波失真率	Hz	5%max. at 800Hz
Operating Temp.	工作溫度	°C	-20°C ~ +55°C

Speaker | 喇叭

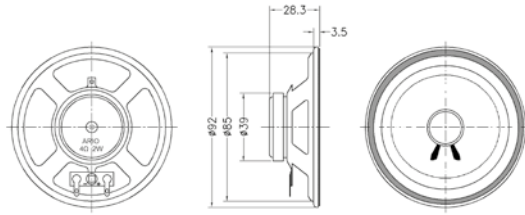
+ Micro speaker 微型喇叭

◎ LF-K92A29A



DIMENSIONS :

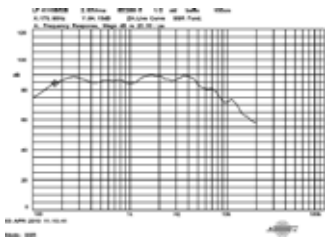
Unit: mm



SPECIFICATIONS

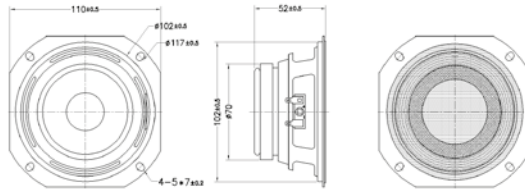
Nominal Impedance	額定阻抗	Ω	4Ω±15%
Resonant Frequency	諧振頻率	Hz	250Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~3.2KHz
Sound Pressure Level	輸出音壓	dB	93±3dB/ 50cm
Input Power (Nom./Max.)	可承受輸入功率	W	2.0W/ 4.0W
Distortion	諧波失真率	Hz	5%max. at 800Hz
Operating Temp.	工作溫度	°C	-20°C ~ +55°C

◎ LF-K110B52B



DIMENSIONS :

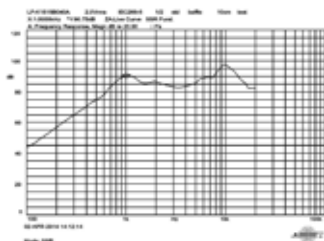
Unit: mm



SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	105Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~5KHz
Sound Pressure Level	輸出音壓	dB	87±3dB/ 100cm
Input Power (Nom./Max.)	可承受輸入功率	W	7.0W/ 10W
Distortion	諧波失真率	Hz	5%max. at 1Hz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

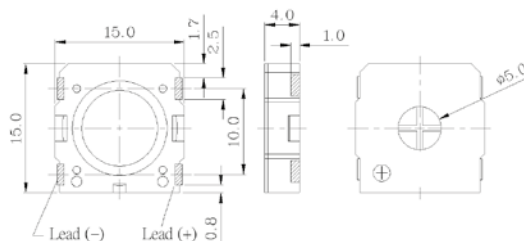
◎ LF-K1515B040A



(SMD Type)

DIMENSIONS :

Unit: mm



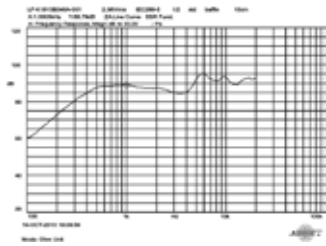
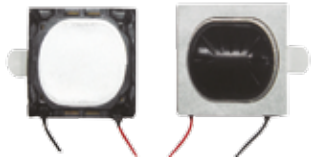
SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	850Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	87±3dB/ 10cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.5W/ 0.8W
Distortion	諧波失真率	Hz	5%max. at 2KHz
Operating Temp.	工作溫度	°C	-30°C ~ +85°C

Speaker | 喇叭

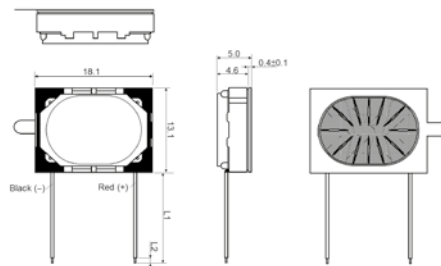
+ Micro speaker 微型喇叭

◎ LF-K1813B046A-001



DIMENSIONS :

Unit: mm

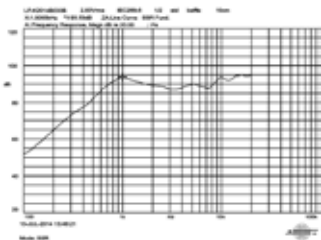


Lead Wire: UL1571 AWG32 L1:93±5mm L2:1.5±0.5mm

SPECIFICATIONS

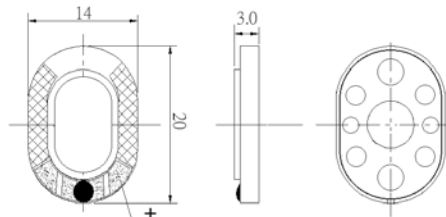
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	450Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	83±3dB/ 10cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.7W/ 1.0W
Distortion	諧波失真率	Hz	15%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

◎ LF-K2014B030B



DIMENSIONS :

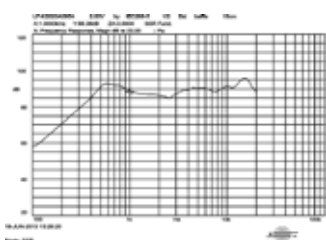
Unit: mm



SPECIFICATIONS

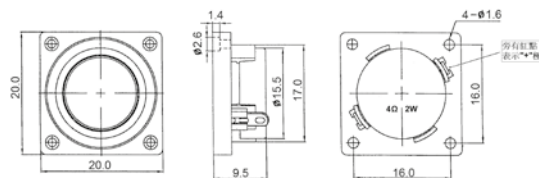
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	900Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	90±3dB/ 10cm
Input Power (Nom./Max.)	可承受輸入功率	W	1.0W/ 1.5W
Distortion	諧波失真率	Hz	10%max. at 2KHz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

◎ LF-K2020A095A



DIMENSIONS :

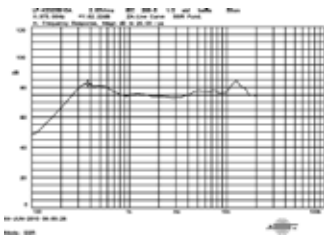
Unit: mm



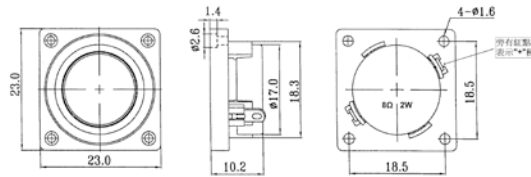
SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	4Ω±15%
Resonant Frequency	諧振頻率	Hz	485Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	88±3dB/ 10cm
Input Power (Nom./Max.)	可承受輸入功率	W	2.0W/ 4.0W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

LF-K2323B10A



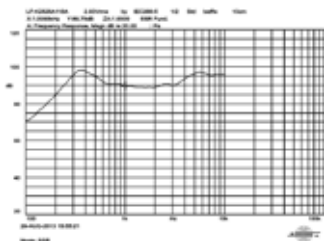
DIMENSIONS :
Unit: mm



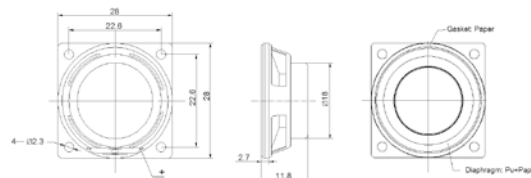
SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	380Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	77±3dB/ 50cm
Input Power (Nom./Max.)	可承受輸入功率	W	2.0W/ 4.0W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-25°C ~ +60°C

LF-K2828A118A



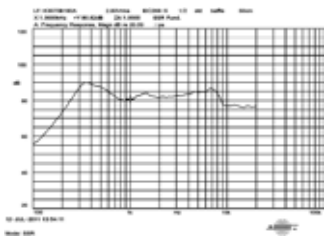
DIMENSIONS :
Unit: mm



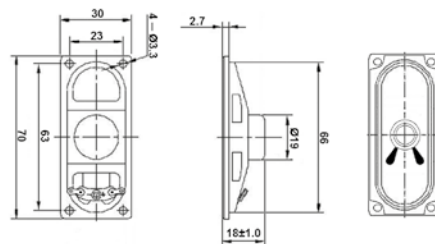
SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	4Ω±15%
Resonant Frequency	諧振頻率	Hz	350Hz±70Hz
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	94±3dB/ 10cm
Input Power (Nom./Max.)	可承受輸入功率	W	2.0W/ 3.0W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-30°C ~ +70°C

LF-K3070B180A



DIMENSIONS :
Unit: mm



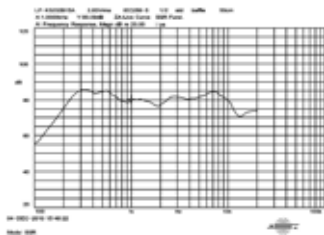
SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	400Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	84±3dB/ 50cm
Input Power (Nom./Max.)	可承受輸入功率	W	2.0W/ 3.0W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-30°C ~ +70°C

Speaker | 喇叭

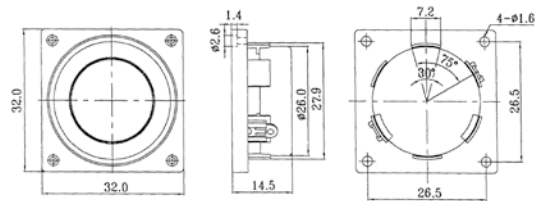
+ Micro speaker 微型喇叭

◎ LF-K3232B15A



DIMENSIONS :

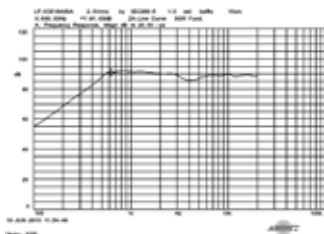
Unit: mm



SPECIFICATIONS

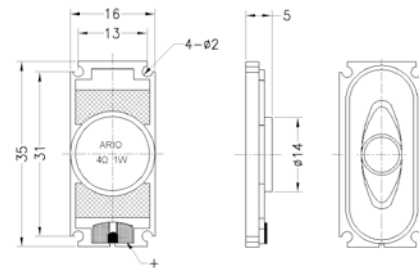
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	250Hz±20%
Effective Freq. Range	頻響範圍	Hz	F ₀ ~20KHz
Sound Pressure Level	輸出音壓	dB	80±3dB/ 50cm
Input Power (Nom./Max.)	可承受輸入功率	W	2.0W/ 4.0W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-25°C ~ +60°C

◎ LF-K3516A50A



DIMENSIONS :

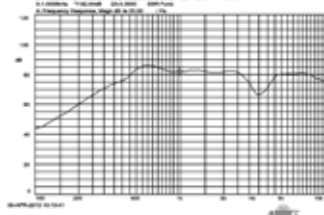
Unit: mm



SPECIFICATIONS

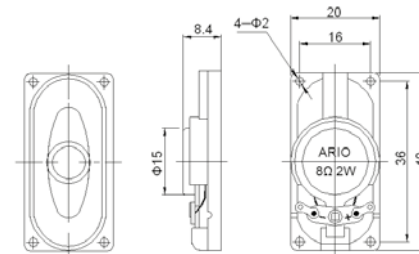
Nominal Impedance	額定阻抗	Ω	4Ω±15%
Resonant Frequency	諧振頻率	Hz	650Hz±150Hz
Effective Freq. Range	頻響範圍	Hz	400~20KHz
Sound Pressure Level	輸出音壓	dB	91±3dB/ 10cm
Input Power (Nom./Max.)	可承受輸入功率	W	1.0W/ 2.0W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +50°C

◎ LF-K4020B084B



DIMENSIONS :

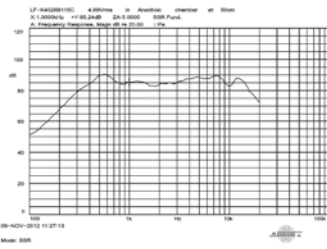
Unit: mm



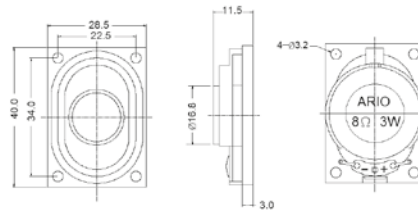
SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	550Hz±20%
Effective Freq. Range	頻響範圍	Hz	F ₀ ~10KHz
Sound Pressure Level	輸出音壓	dB	82±3dB/ 50cm
Input Power (Nom./Max.)	可承受輸入功率	W	2.0W/ 3.0W
Distortion	諧波失真率	Hz	7%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +70°C

LF-K4028B115C



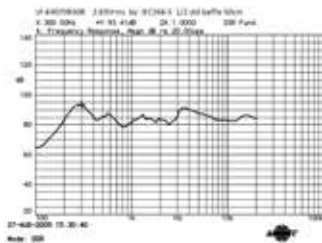
DIMENSIONS :
Unit: mm



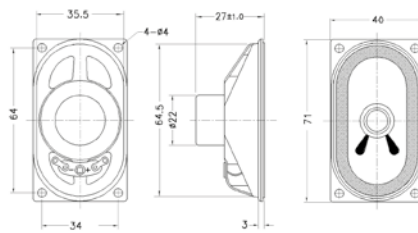
SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	8Ω±30%
Resonant Frequency	諧振頻率	Hz	550Hz±150Hz
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	84±3dB/ 50cm
Input Power (Nom./Max.)	可承受輸入功率	W	3.0W/ 5.0W
Distortion	諧波失真率	Hz	10%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +55°C

LF-K4070B30B



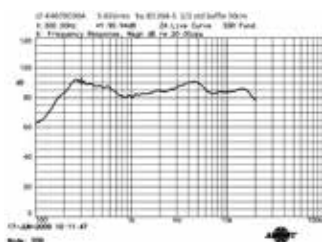
DIMENSIONS :
Unit: mm



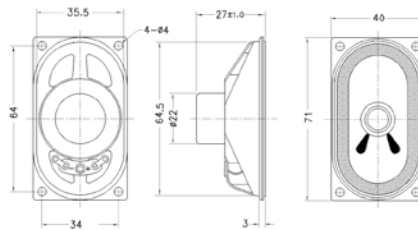
SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	270Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	85±3dB/ 50cm
Input Power (Nom./Max.)	可承受輸入功率	W	3.0W/ 4.0W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

LF-K4070D30A



DIMENSIONS :
Unit: mm



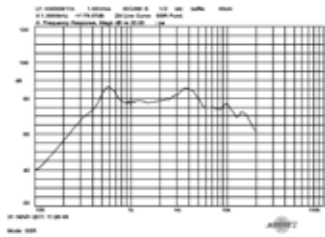
SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	32Ω±15%
Resonant Frequency	諧振頻率	Hz	300Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	85±3dB/ 50cm
Input Power (Nom./Max.)	可承受輸入功率	W	3.0W/ 4.0W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

Speaker | 喇叭

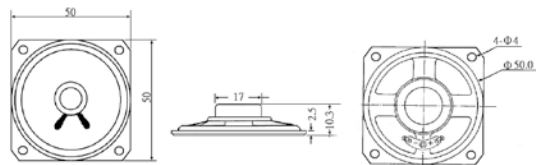
+ Micro speaker 微型喇叭

◎ LF-K5050B11A



DIMENSIONS :

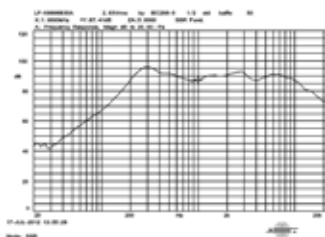
Unit: mm



SPECIFICATIONS

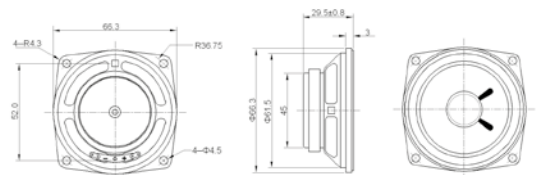
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	550Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~10KHz
Sound Pressure Level	輸出音壓	dB	77±3dB/50cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.3W/ 0.5W
Distortion	諧波失真率	Hz	5%max. at 800Hz
Operating Temp.	工作溫度	°C	-20°C ~ +55°C

◎ LF-K6666B30A



DIMENSIONS :

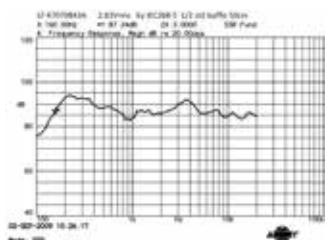
Unit: mm



SPECIFICATIONS

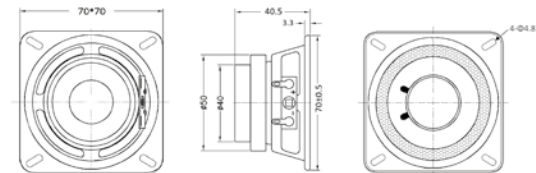
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	240Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~10KHz
Sound Pressure Level	輸出音壓	dB	91±3dB/ 50cm
Input Power (Nom./Max.)	可承受輸入功率	W	10W/ 15W
Distortion	諧波失真率	Hz	5%max. at 800Hz
Operating Temp.	工作溫度	°C	-20°C ~ +55°C

◎ LF-K7070B43A



DIMENSIONS :

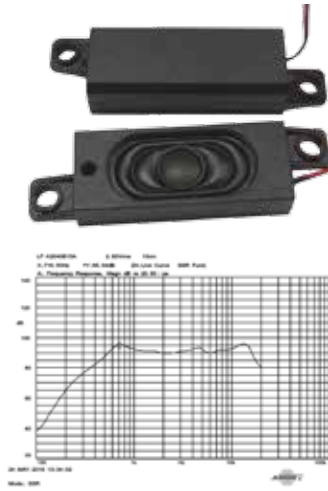
Unit: mm



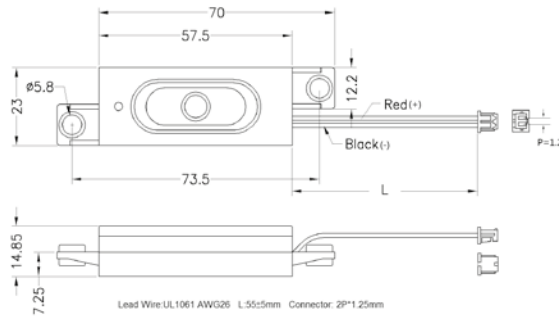
SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	166Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	87±3dB/ 50cm
Input Power (Nom./Max.)	可承受輸入功率	W	15W/ 20W
Distortion	諧波失真率	Hz	5%max. at 500Hz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

LF-K2040B15A

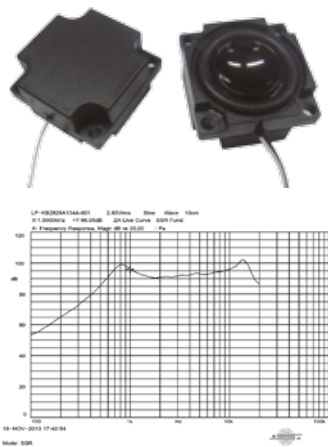


DIMENSIONS :
Unit: mm

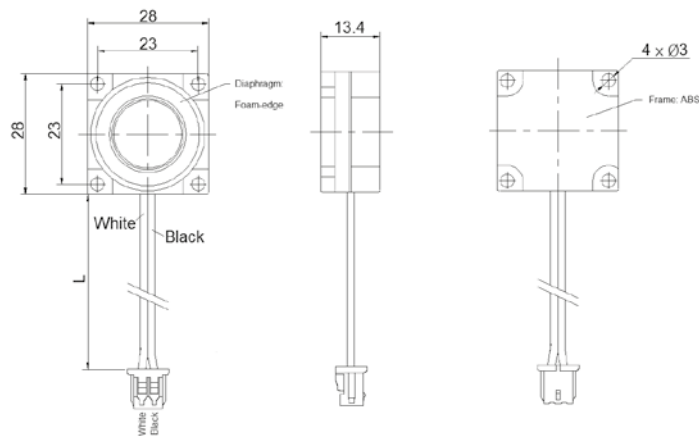


SPECIFICATIONS			
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	700Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	91±3dB/ 10cm
Input Power (Nom./Max.)	可承受輸入功率	W	1.0W/ 2.0W
Distortion	諧波失真率	Hz	10%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

LF-KB2828A134A-001



DIMENSIONS :
Unit: mm

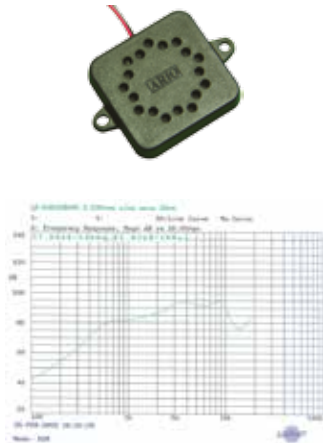


SPECIFICATIONS			
Nominal Impedance	額定阻抗	Ω	4Ω±15%
Resonant Frequency	諧振頻率	Hz	750Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~16KHz
Sound Pressure Level	輸出音壓	dB	93±3dB/ 10cm
Input Power (Nom./Max.)	可承受輸入功率	W	2.5W/ 3.0W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

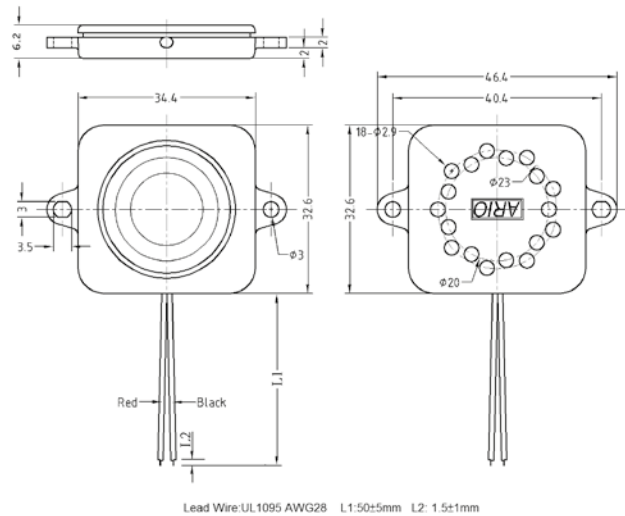
Speaker | 喇叭

+ Micro speaker 微型喇叭

◎ LF-K3532B60A



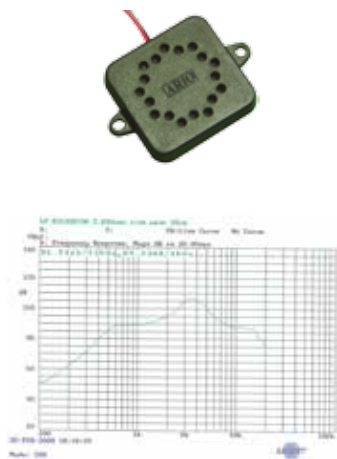
DIMENSIONS :
Unit: mm



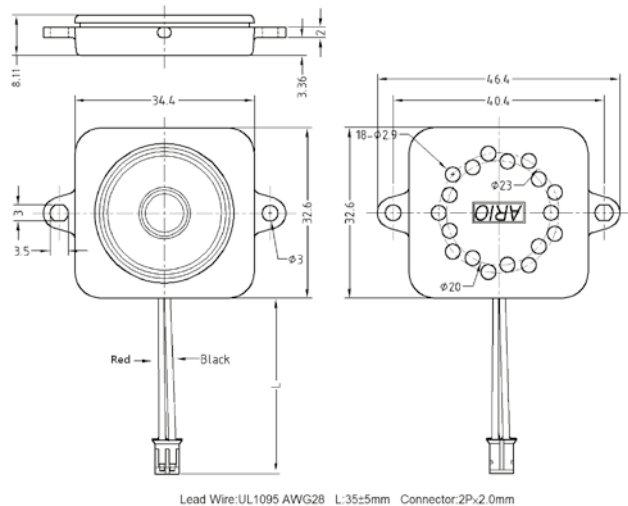
SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	540Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	82±3dB/ 10cm
Input Power (Nom./Max.)	可承受輸入功率	W	2.0W/ 2.5W
Distortion	諧波失真率	Hz	10%max. at 1KHz
Operating Temp.	工作溫度	°C	-25°C ~ +60°C

◎ LF-K3532B73A



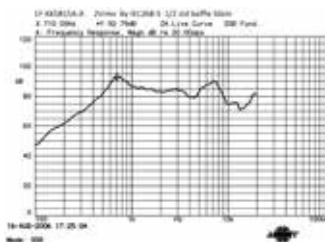
DIMENSIONS :
Unit: mm



SPECIFICATIONS

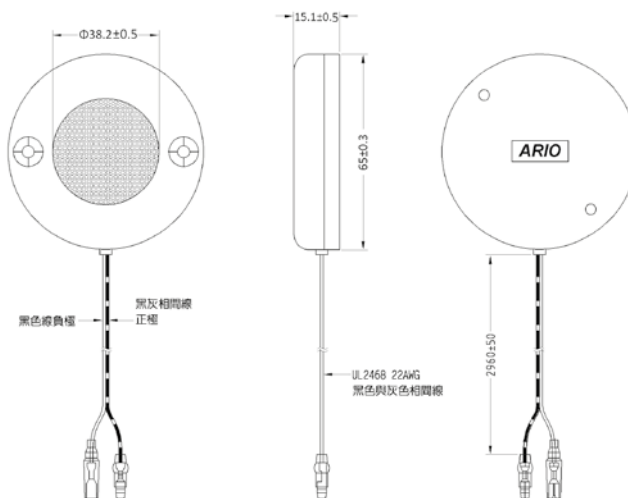
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	550Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~17KHz
Sound Pressure Level	輸出音壓	dB	89±3dB/ 10cm
Input Power (Nom./Max.)	可承受輸入功率	W	1.5W/ 2.0W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-25°C ~ +85°C

◎ LF-K65B15A-A



DIMENSIONS :

Unit: mm



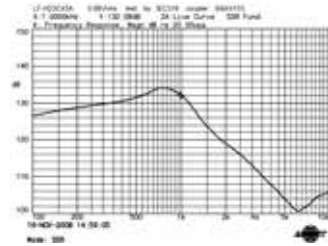
SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	140Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	86±3dB/ 50cm
Input Power (Nom./Max.)	可承受輸入功率	W	0.5W/ 1.0W
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +60°C

Speaker | 喇叭

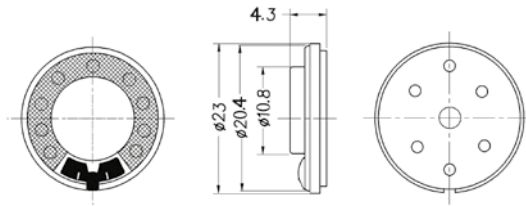
+ Earphone speaker 耳機喇叭

◎ LF-H23C43A



DIMENSIONS :

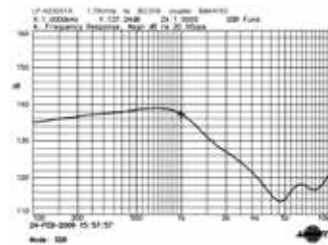
Unit: mm



SPECIFICATIONS

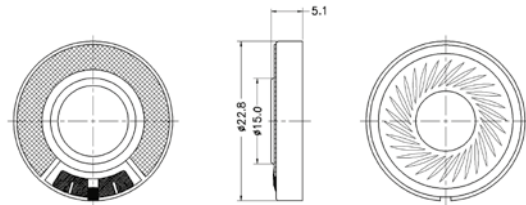
Nominal Impedance	額定阻抗	Ω	16Ω±15%
Resonant Frequency	諧振頻率	Hz	400Hz±150Hz
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	132±3dB
Input Power (Nom./Max.)	可承受輸入功率	W	60mW/150mW
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +50°C

◎ LF-H23D51A



DIMENSIONS :

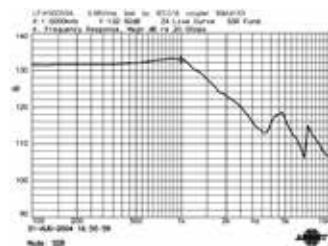
Unit: mm



SPECIFICATIONS

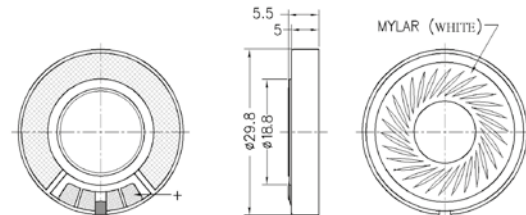
Nominal Impedance	額定阻抗	Ω	32Ω±15%
Resonant Frequency	諧振頻率	Hz	350Hz±100Hz
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	132±3dB
Input Power (Nom./Max.)	可承受輸入功率	W	100mW/200mW
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +50°C

◎ LF-H30D55A



DIMENSIONS :

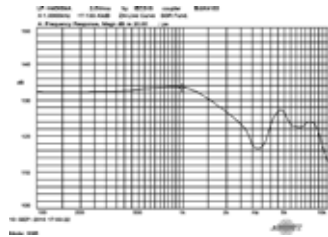
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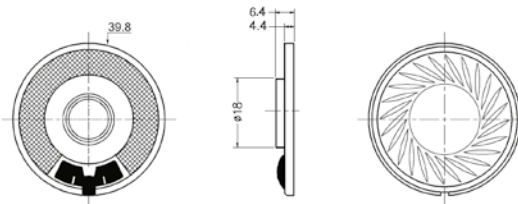
SPECIFICATIONS

Nominal Impedance	額定阻抗	Ω	32Ω±15%
Resonant Frequency	諧振頻率	Hz	155Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~20KHz
Sound Pressure Level	輸出音壓	dB	133±3dB
Input Power (Nom./Max.)	可承受輸入功率	W	30mW/40mW
Distortion	諧波失真率	Hz	10%max. at 1KHz
Operating Temp.	工作溫度	°C	-25°C ~ +60°C

LF-H40K64A

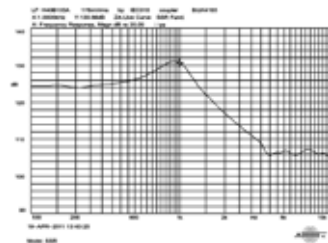


DIMENSIONS :
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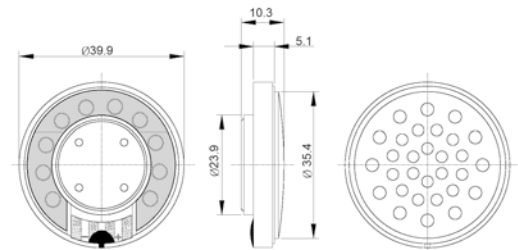


SPECIFICATIONS			
Nominal Impedance	額定阻抗	Ω	40Ω±15%
Resonant Frequency	諧振頻率	Hz	100Hz±20%
Effective Freq. Range	頻響範圍	Hz	Fo~3KHz
Sound Pressure Level	輸出音壓	dB	135±3dB
Input Power (Nom./Max.)	可承受輸入功率	W	100mW/200mW
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +50°C

LF-H40B103A

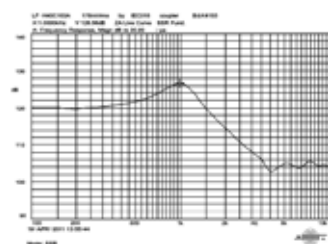


DIMENSIONS :
Unit: mm

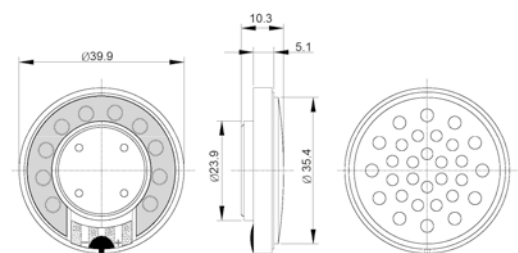


SPECIFICATIONS			
Nominal Impedance	額定阻抗	Ω	8Ω±15%
Resonant Frequency	諧振頻率	Hz	100Hz±50Hz
Effective Freq. Range	頻響範圍	Hz	Fo~5KHz
Sound Pressure Level	輸出音壓	dB	130±3dB
Input Power (Nom./Max.)	可承受輸入功率	W	10mW/40mW
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +55°C

LF-H40C103A



DIMENSIONS :
Unit: mm



SPECIFICATIONS			
Nominal Impedance	額定阻抗	Ω	16Ω±15%
Resonant Frequency	諧振頻率	Hz	100Hz±50Hz
Effective Freq. Range	頻響範圍	Hz	Fo~5KHz
Sound Pressure Level	輸出音壓	dB	126±3dB
Input Power (Nom./Max.)	可承受輸入功率	W	10mW/40mW
Distortion	諧波失真率	Hz	5%max. at 1KHz
Operating Temp.	工作溫度	°C	-20°C ~ +55°C



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