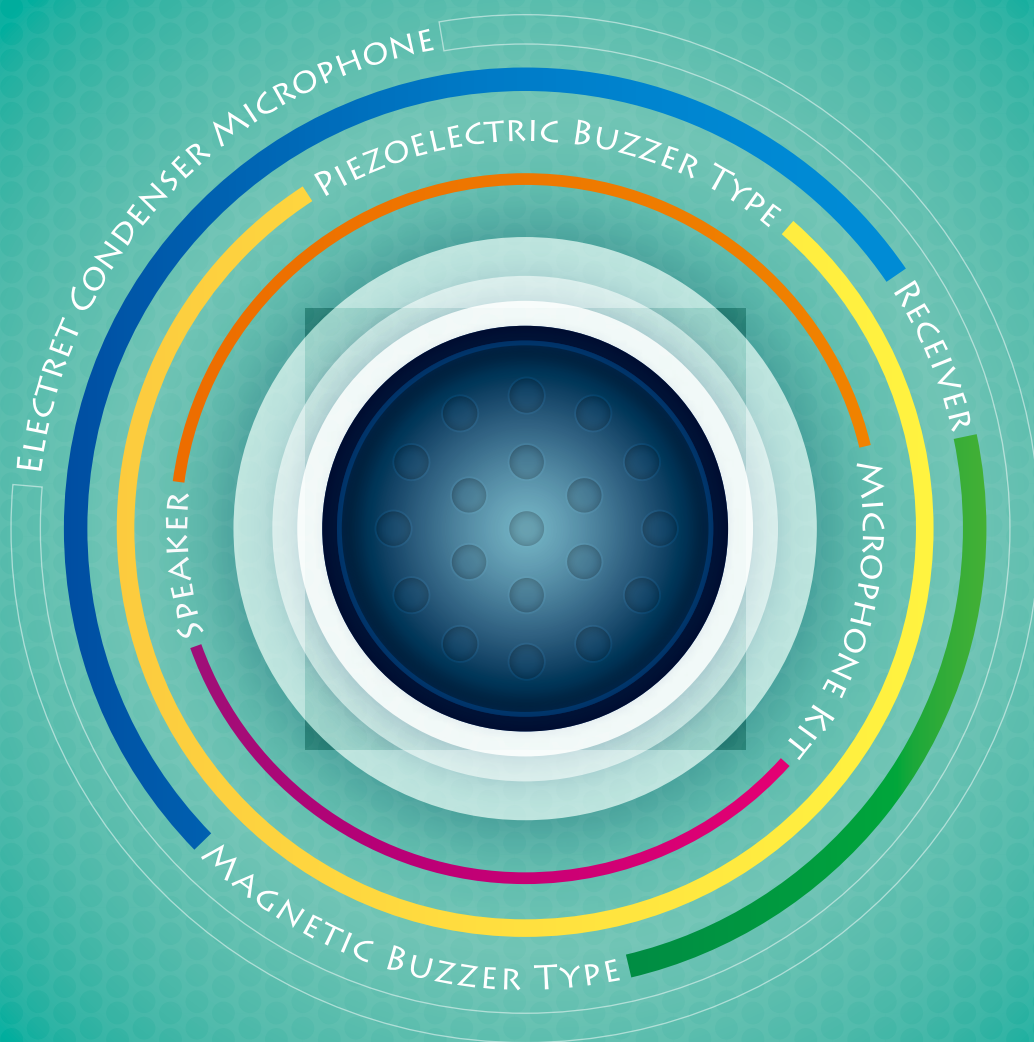




Ariose Electronics Co., Ltd.



Color the **a**coustic World

www.ario.com.tw



COMPANY

公司簡介

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.



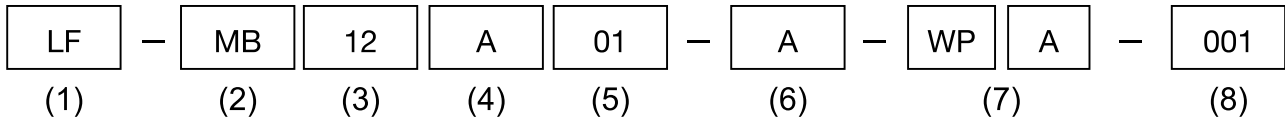
Magnetic Buzzer Type

電磁式蜂鳴器



Magnetic Type

Description of Part No. of Magnetic type series



- (1) LF : Compliant with RoHS requirement.
 : Not compliant with RoHS requirement.

- (2) MB : Magnetic Buzzer (Self-drive type)
 MT : Magnetic Transducer (External drive type)

- (3) Diameter of magnetic type (mm)

- (4) A~Z to stand for different appearances.
 (i.e. : T stands for SMD type)

- (5) Rated voltage or same series
 (i.e. : 1.5 VDC will be indicated as 01; 6.0 VDC will be 06)

- (6) A~Z to stand for different versions.

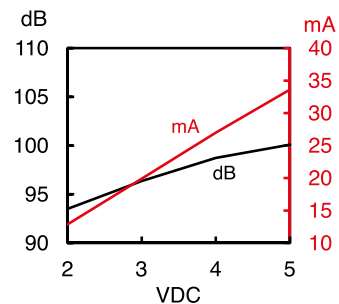
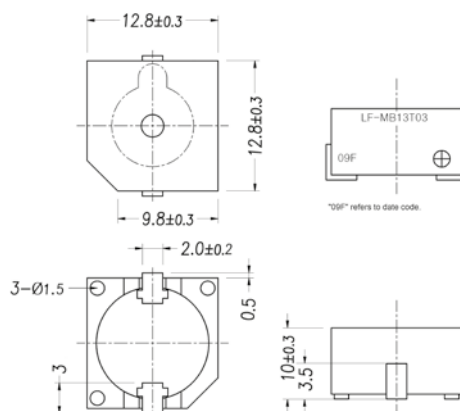
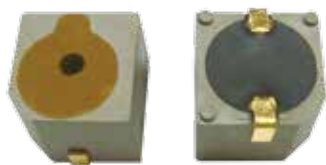
- (7) IP Rating
 Without clearly IP Rating will be marked as “WP” only

- (8) Serial Number

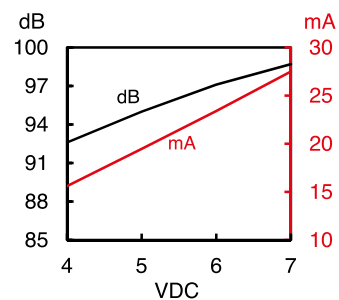
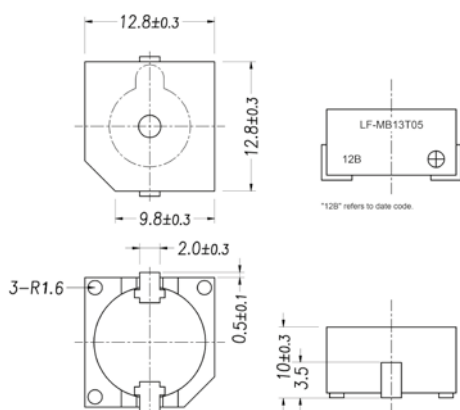
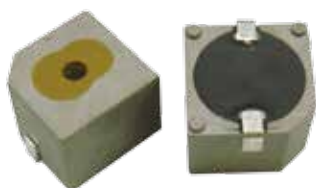
Magnetic Buzzer Type | 電磁式蜂鳴器

+ Magnetic buzzer 自激式

◎ LF-MB13T03



◎ LF-MB13T05



Part No. 型號	Rated Voltage 額定電壓	Operating Voltage 工作電壓	※Current Consumption 消耗電流	※Sound Pressure Level 輸出音壓	Resonant Frequency 諧振頻率	Operating Temp. 工作溫度
LF-MB13T03	3.0 VDC	2.0VDC~5.0VDC	30mA max.	90dB min./10cm	2,300Hz±300Hz	-20°C ~+70°C
LF-MB13T05	5.0 VDC	4.0VDC~7.0VDC	30mA max.	90dB min./10cm	2,400Hz±300Hz	-30°C ~+85°C

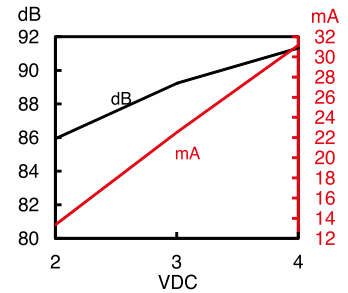
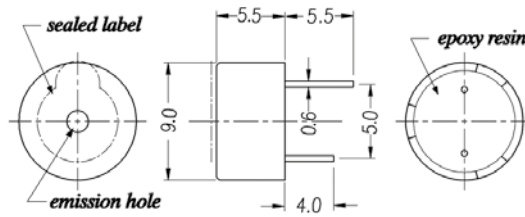
※ Applying rated voltage.

Magnetic Buzzer Type | 電磁式蜂鳴器

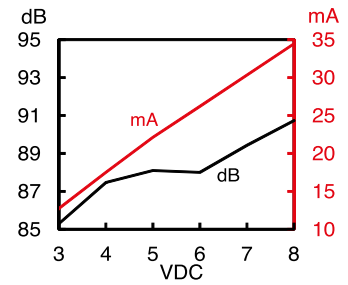
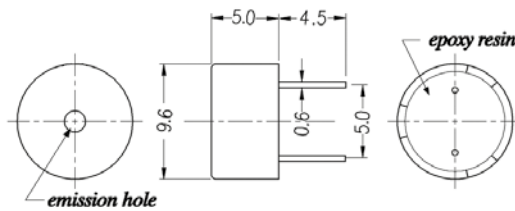
Ariose Electronics Co., Ltd.

+ Magnetic buzzer 自激式

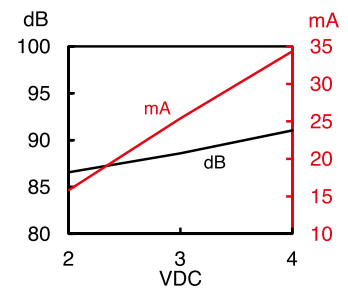
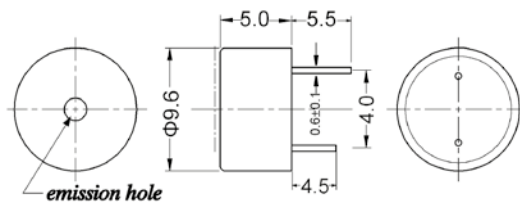
◎ LF-MB09B03-001



◎ LF-MB09B05



◎ LF-MB09D03



Magnetic buzzer 自激式

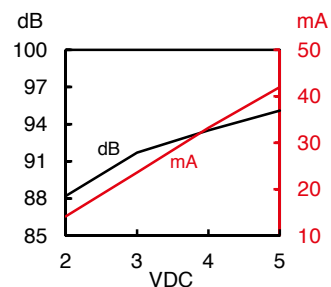
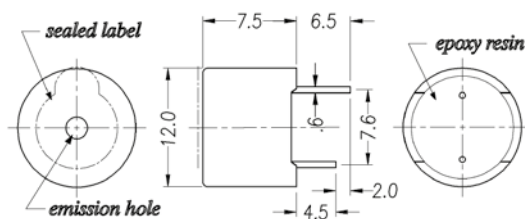
Part No. 型號	Rated Voltage 額定電壓	Operating Voltage 工作電壓	※Current Consumption 消耗電流	※Sound Pressure Level 輸出音壓	Resonant Frequency 諧振頻率	Operating Temp. 工作溫度
LF-MB09B03-001	3.0 VDC	2.0VDC~4.0VDC	30mA max.	80dB min./10cm	2,700Hz±300Hz	-20°C ~+65°C
LF-MB09B05	5.0 VDC	3.0VDC~8.0VDC	30mA max.	85dB min./10cm	2,700Hz±300Hz	-20°C ~+70°C
LF-MB09D03	3.0 VDC	2.0VDC~4.0VDC	30mA max.	80dB min./10cm	2,700Hz±300Hz	-30°C ~+70°C

※ Applying rated voltage

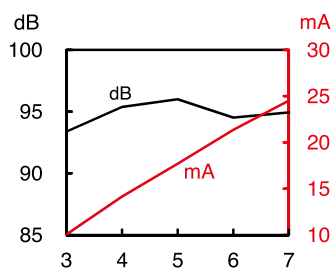
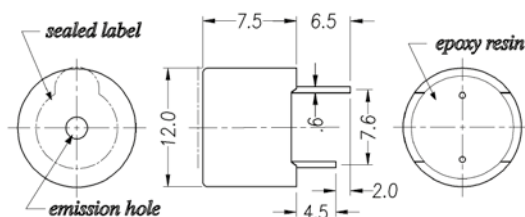
Magnetic Buzzer Type | 電磁式蜂鳴器

+ Magnetic buzzer 自激式

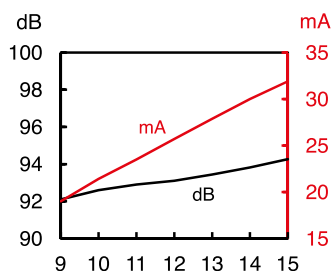
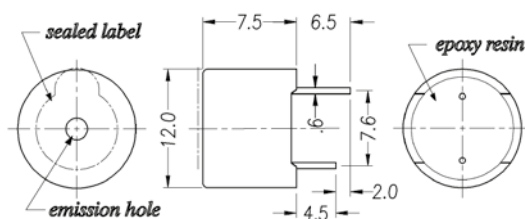
◎ LF-MB12A03



◎ LF-MB12A05



◎ LF-MB12A12



Magnetic buzzer 自激式

Part No. 型號	Rated Voltage 額定電壓	Operating Voltage 工作電壓	※Current Consumption 消耗電流	※Sound Pressure Level 輸出音壓	Resonant Frequency 諧振頻率	Operating Temp. 工作溫度
LF-MB12A03	3.0 VDC	2.0VDC~5.0VDC	30mA max.	82dB min./10cm	2,300Hz±500Hz	-20°C ~+70°C
LF-MB12A05	5.0 VDC	3.0VDC~7.0VDC	30mA max.	83dB min./10cm	2,300Hz±400Hz	-25°C ~+65°C
LF-MB12A12	12.0 VDC	9.0VDC~15.0VDC	30mA max.	83dB min./10cm	2,300Hz±300Hz	-20°C ~+70°C

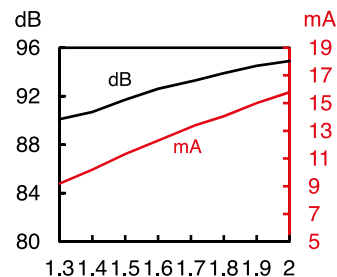
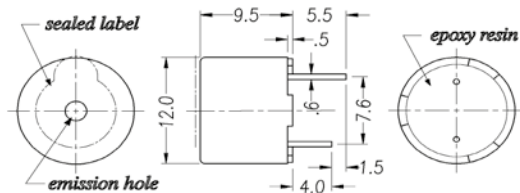
※ Applying rated voltage.

Magnetic Buzzer Type | 電磁式蜂鳴器

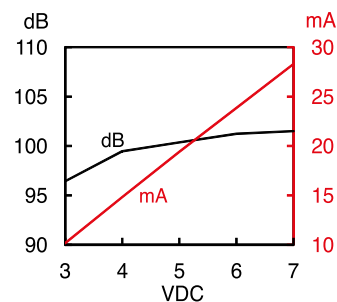
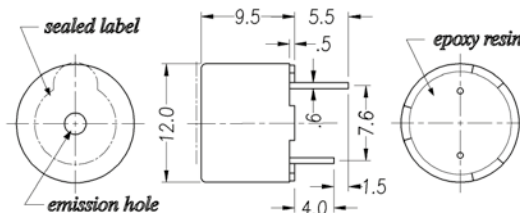
Ariose Electronics Co., Ltd.

+ Magnetic buzzer 自激式

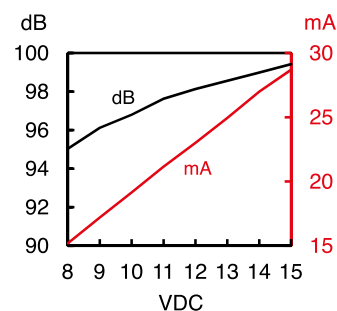
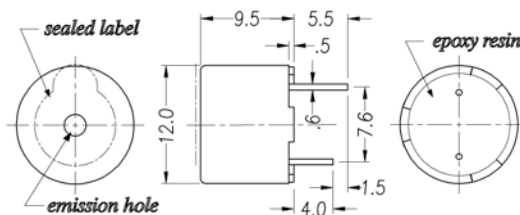
◎ LF-MB12B01



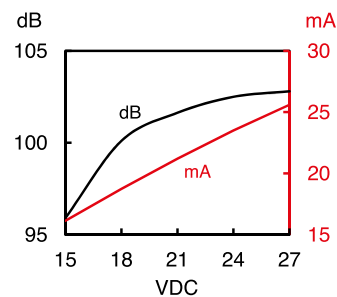
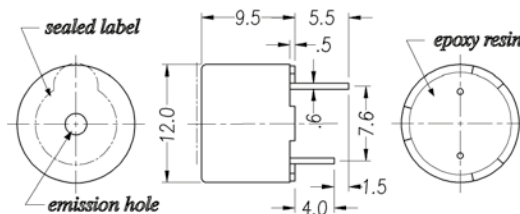
◎ LF-MB12B06



◎ LF-MB12B12



◎ LF-MB12B24



Part No. 型號	Rated Voltage 額定電壓	Operating Voltage 工作電壓	※Current Consumption 消耗電流	※Sound Pressure Level 輸出音壓	Resonant Frequency 諧振頻率	Operating Temp. 工作溫度
LF-MB12B01	1.5 VDC	1.3VDC~2.0VDC	20mA max.	75dB min./10cm	2,300Hz±300Hz	-20°C ~+70°C
LF-MB12B06	5.0 VDC	3.0VDC~7.0VDC	30mA max.	90dB min./10cm	2,300Hz±300Hz	-25°C ~+85°C
LF-MB12B12	12.0 VDC	8.0VDC~15.0VDC	30mA max.	85dB min./10cm	2,300Hz±300Hz	-20°C ~+70°C
LF-MB12B24	24.0 VDC	15.0VDC~27.0VDC	30mA max.	90dB min./10cm	2,300Hz±300Hz	-20°C ~+70°C

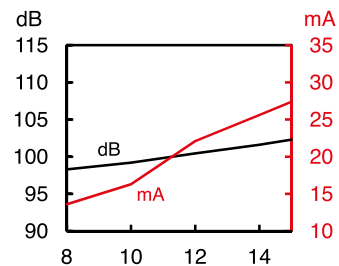
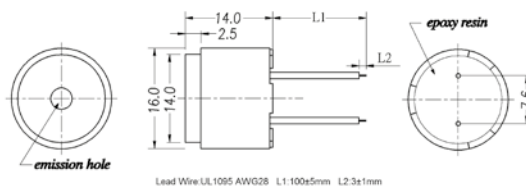
※ Applying rated voltage.

Magnetic buzzer 自激式

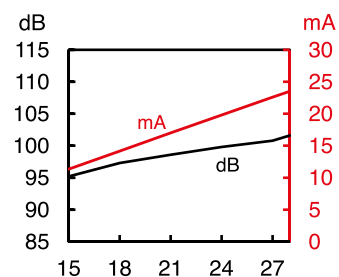
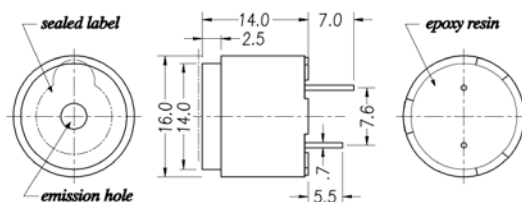
Magnetic Buzzer Type | 電磁式蜂鳴器

+ Magnetic buzzer 自激式

◎ LF-MB16A12-A



◎ LF-MB16A24-A



Magnetic buzzer 自激式

Part No. 型號	Rated Voltage 額定電壓	Operating Voltage 工作電壓	※Current Consumption 消耗電流	※Sound Pressure Level 輸出音壓	Resonant Frequency 諧振頻率	Operating Temp. 工作溫度
LF-MB16A12-A	12.0 VDC	8.0VDC~15.0VDC	30mA max.	85dB min./10cm	2,300Hz±400Hz	-20°C ~+70°C
LF-MB16A24-A	24.0 VDC	15.0VDC~28.0VDC	30mA max.	85dB min./10cm	2,300Hz±400Hz	-20°C ~+70°C

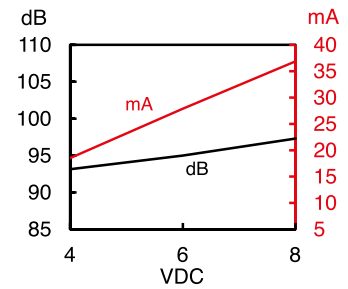
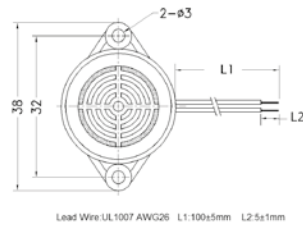
※ Applying rated voltage.

Magnetic Buzzer Type | 電磁式蜂鳴器

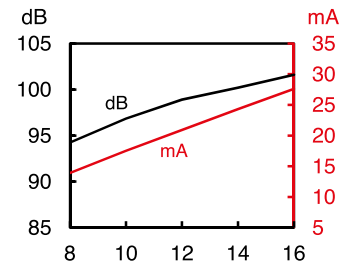
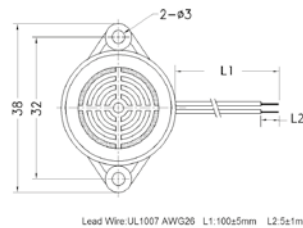
Ariose Electronics Co., Ltd.

+ Magnetic buzzer 自激式

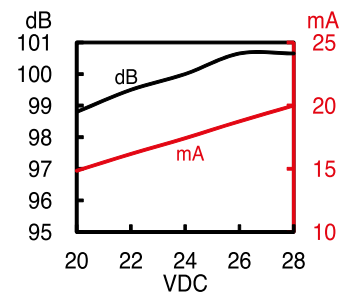
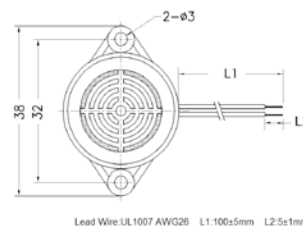
◎ LF-MB26B06



◎ LF-MB26B12



◎ LF-MB26B24



Magnetic buzzer 自激式

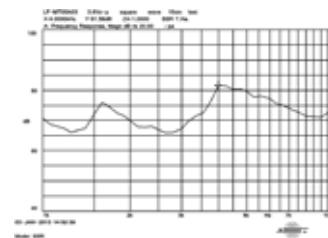
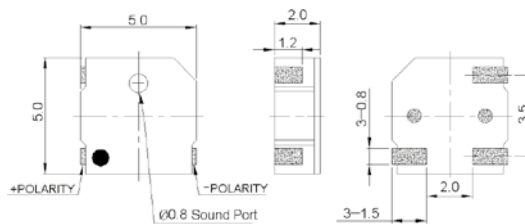
Part No. 型號	Rated Voltage 額定電壓	Operating Voltage 工作電壓	※Current Consumption 消耗電流	※Sound Pressure Level 輸出音壓	Resonant Frequency 諧振頻率	Operating Temp. 工作溫度
LF-MB26B06	6.0 VDC	4.0VDC~8.0VDC	40mA max.	85dB min./10cm	400Hz±100Hz	-20°C ~+60°C
LF-MB26B12	12.0 VDC	8.0VDC~16.0VDC	40mA max.	85dB min./10cm	400Hz±100Hz	-20°C ~+60°C
LF-MB26B24	24.0 VDC	20.0VDC~28.0VDC	40mA max.	85dB min./10cm	400Hz±100Hz	-20°C ~+60°C

※ Applying rated voltage.

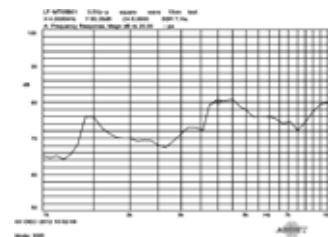
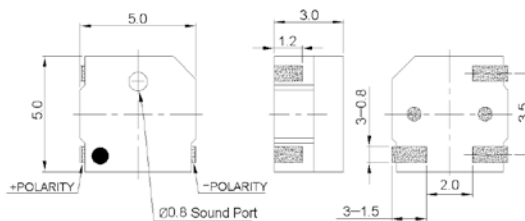
Magnetic Buzzer Type | 電磁式蜂鳴器

+Magnetic transducer 外激式

◎ LF-MT05A03



◎ LF-MT05B01



Magnetic transducer 外激式

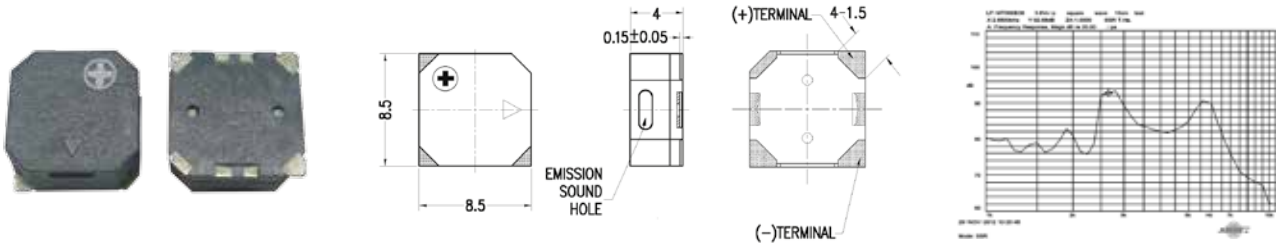
Part No. 型號	Rated Voltage 額定電壓	Operating Voltage 工作電壓	※Current Consumption 消耗電流	Coil Resistance 直流阻抗	※Sound Pressure Level 輸出音壓	Resonant Frequency 諧振頻率	Operating Temp. 工作溫度
LF-MT05A03	3.6Vo-p	2.5Vo-p~4.5Vo-p	130mA max.	12±3Ω	73dB min./10cm	4,000Hz	-20°C ~+60°C
LF-MT05B01	3.0Vo-p	2.0Vo-p~4.0Vo-p	110mA max.	12±3Ω	75dB min./10cm	4,000Hz	-20°C ~+60°C

Magnetic Buzzer Type | 電磁式蜂鳴器

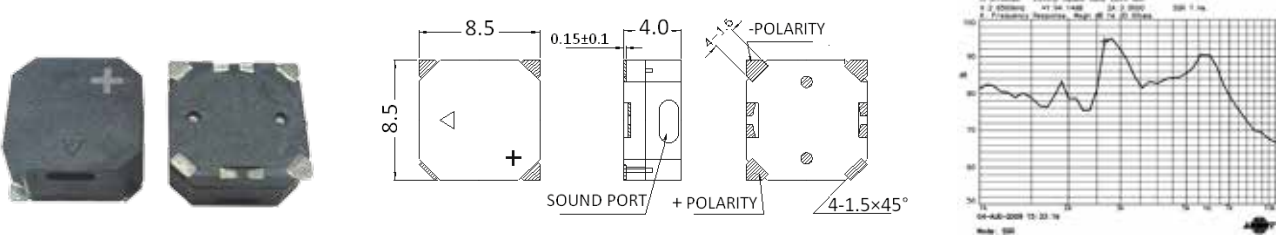
Ariose Electronics Co., Ltd.

+ Magnetic transducer 外激式

◎ LF-MT08SB36



◎ LF-MT08SB6



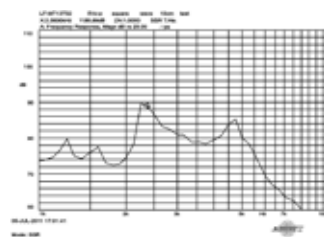
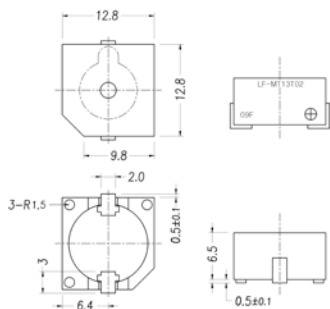
Magnetic transducer 外激式

Part No. 型號	Rated Voltage 額定電壓	Operating Voltage 工作電壓	※Current Consumption 消耗電流	Coil Resistance 直流阻抗	※Sound Pressure Level 輸出音壓	Resonant Frequency 諧振頻率	Operating Temp. 工作溫度
LF-MT08SB36	3.6Vo-p	2.5Vo-p~4.0Vo-p	100mA max.	16±2Ω	85dB min./10cm	2,700Hz	-20°C ~+60°C
LF-MT08SB6	5.0Vo-p	4.0Vo-p~6.0Vo-p	80mA max.	30±5Ω	88dB min./10cm	2,700Hz	-20°C ~+70°C

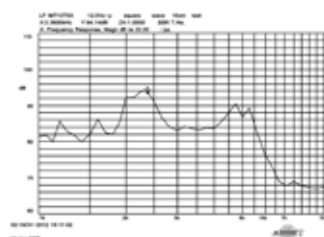
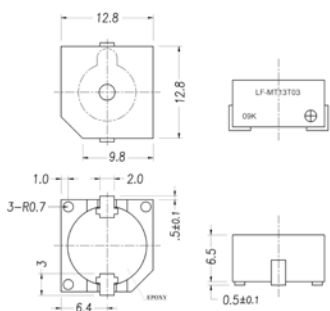
Magnetic Buzzer Type | 電磁式蜂鳴器

+ Magnetic transducer 外激式

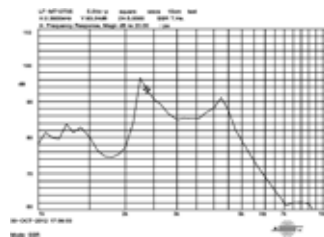
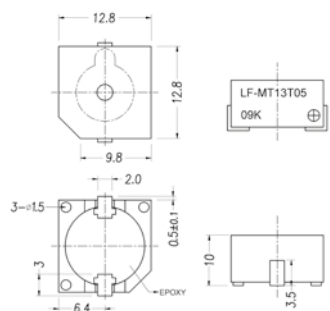
◎ LF-MT13T02



◎ LF-MT13T03



◎ LF-MT13T05



Magnetic transducer 外激式

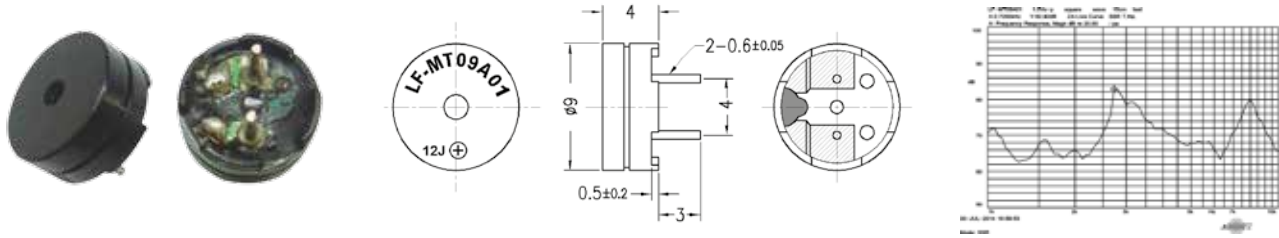
Part No. 型號	Rated Voltage 額定電壓	Operating Voltage 工作電壓	※Current Consumption 消耗電流	Coil Resistance 直流阻抗	※Sound Pressure Level 輸出音壓	Resonant Frequency 諧振頻率	Operating Temp. 工作溫度
LF-MT13T02	5.0Vo-p	4.0Vo-p~7.0Vo-p	50mA max.	45±5Ω	87dB min./10cm	2,400Hz	-20°C ~+70°C
LF-MT13T03	12.0Vo-p	8.0Vo-p~16.0Vo-p	40mA max.	140±14Ω	87dB min./10cm	2,400Hz	-20°C ~+70°C
LF-MT13T05	5.0Vo-p	4.0Vo-p~8.0Vo-p	40mA max.	45±5Ω	85dB min./10cm	2,400Hz	-20°C ~+70°C

Magnetic Buzzer Type | 電磁式蜂鳴器

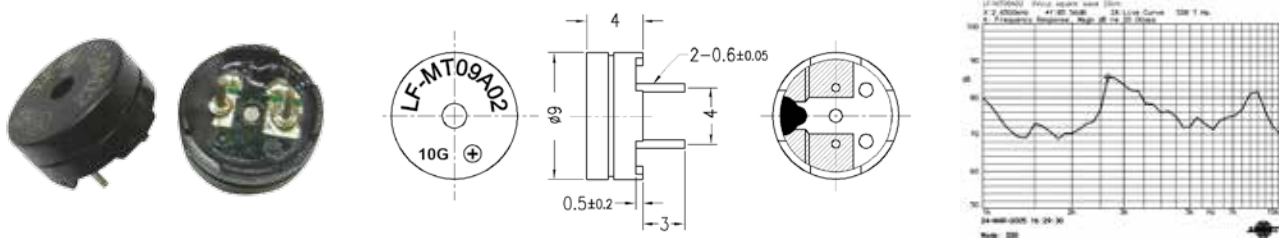
Ariose Electronics Co., Ltd.

+ Magnetic transducer 外激式

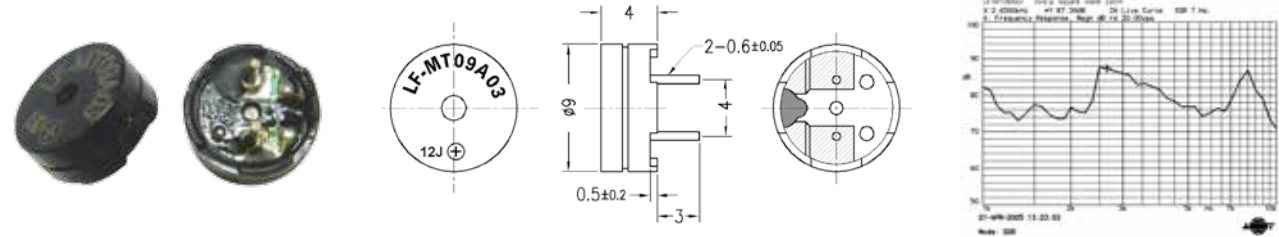
◎ LF-MT09A01



◎ LF-MT09A02



◎ LF-MT09A03



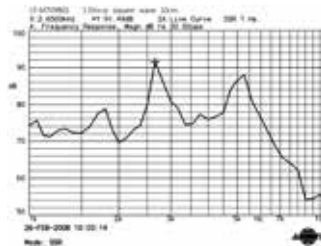
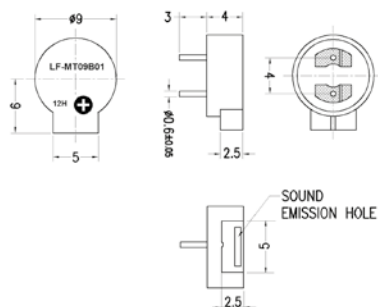
Part No. 型號	Rated Voltage 額定電壓	Operating Voltage 工作電壓	※Current Consumption 消耗電流	Coil Resistance 直流阻抗	※Sound Pressure Level 輸出音壓	Resonant Frequency 諧振頻率	Operating Temp. 工作溫度
LF-MT09A01	1.5Vo-p	1.0Vo-p~2.0Vo-p	80mA max.	5.5±2Ω	80dB min./10cm	2,731Hz	-20°C ~+70°C
LF-MT09A02	3.0Vo-p	2.0Vo-p~5.0Vo-p	70mA max.	25±4Ω	80dB min./10cm	2,731Hz	-20°C ~+70°C
LF-MT09A03	5.0Vo-p	3.0Vo-p~8.0Vo-p	80mA max.	40±4Ω	80dB min./10cm	2,730Hz	-20°C ~+70°C

Magnetic transducer 外激式

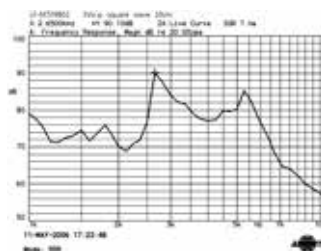
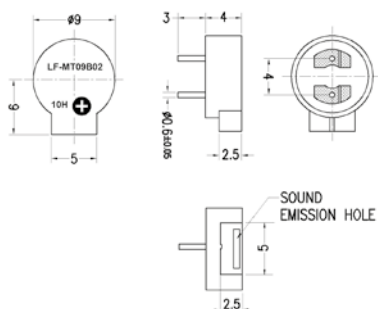
Magnetic Buzzer Type | 電磁式蜂鳴器

+Magnetic transducer 外激式

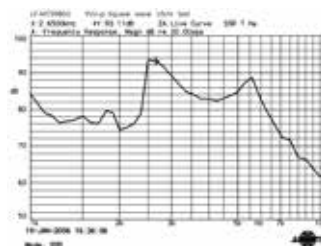
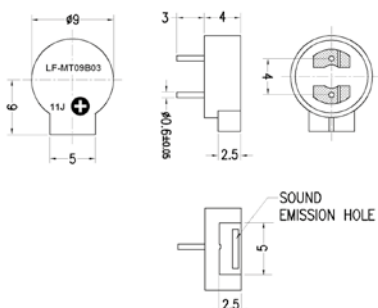
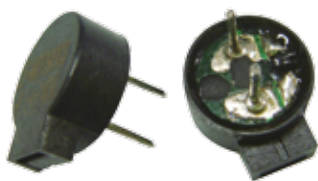
◎ LF-MT09B01



◎ LF-MT09B02



◎ LF-MT09B03



Magnetic transducer 外激式

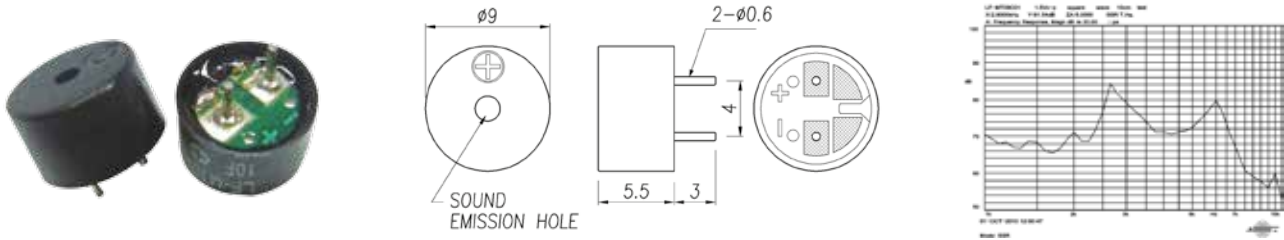
Part No. 型號	Rated Voltage 額定電壓	Operating Voltage 工作電壓	※Current Consumption 消耗電流	Coil Resistance 直流阻抗	※Sound Pressure Level 輸出音壓	Resonant Frequency 諧振頻率	Operating Temp. 工作溫度
LF-MT09B01	1.5Vo-p	1.0Vo-p~3.0Vo-p	80mA max.	5.5±1Ω	80dB min./10cm	2,731Hz	-20°C ~+70°C
LF-MT09B02	3.0Vo-p	2.0Vo-p~4.0Vo-p	70mA max.	25±4Ω	85dB min./10cm	2,731Hz	-20°C ~+60°C
LF-MT09B03	5.0Vo-p	4.0Vo-p~6.0Vo-p	80mA max.	40±4Ω	85dB min./10cm	2,731Hz	-20°C ~+60°C

Magnetic Buzzer Type | 電磁式蜂鳴器

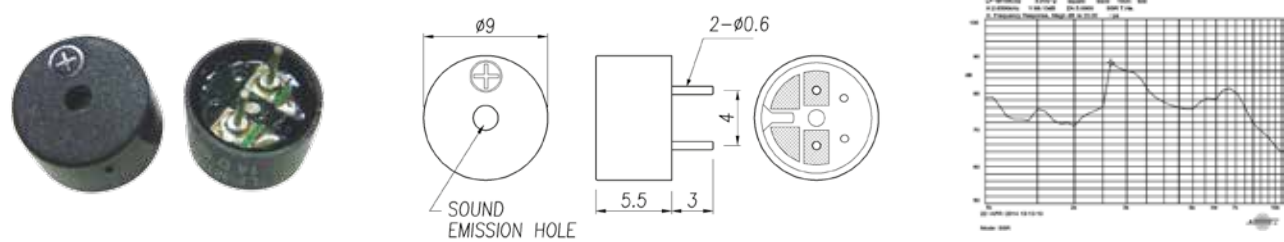
Ariose Electronics Co., Ltd.

+ Magnetic transducer 外激式

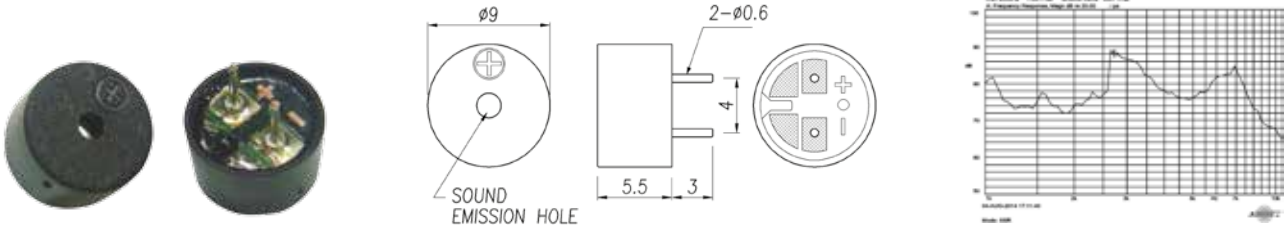
◎ LF-MT09C01



◎ LF-MT09C02



◎ LF-MT09C03

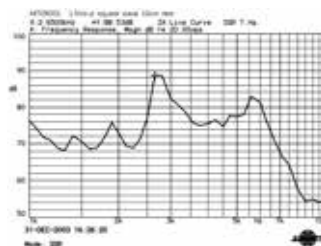
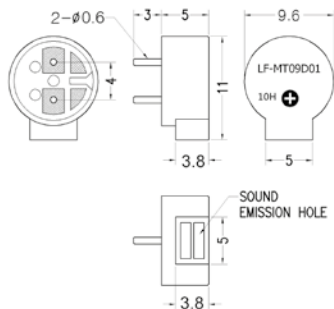


Part No. 型號	Rated Voltage 額定電壓	Operating Voltage 工作電壓	※Current Consumption 消耗電流	Coil Resistance 直流阻抗	※Sound Pressure Level 輸出音壓	Resonant Frequency 諧振頻率	Operating Temp. 工作溫度
LF-MT09C01	1.5Vo-p	1.0Vo-p~3.0Vo-p	80mA max.	5.0±2Ω	80dB min./10cm	2,730Hz	-20°C ~+70°C
LF-MT09C02	3.0Vo-p	2.0Vo-p~4.0Vo-p	70mA max.	25±2Ω	80dB min./10cm	2,730Hz	-20°C ~+70°C
LF-MT09C03	5.0Vo-p	4.0Vo-p~6.0Vo-p	70mA max.	40±4Ω	85dB min./10cm	2,730Hz	-20°C ~+70°C

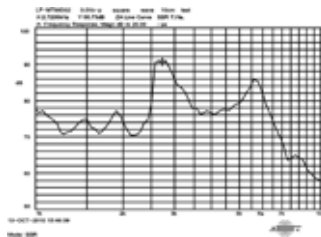
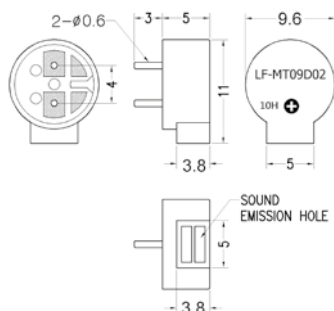
Magnetic Buzzer Type | 電磁式蜂鳴器

+ Magnetic transducer 外激式

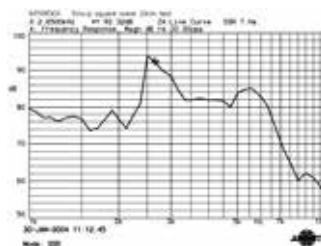
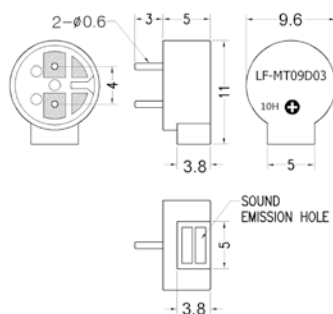
◎ LF-MT09D01



◎ LF-MT09D02



◎ LF-MT09D03



Magnetic transducer 外激式

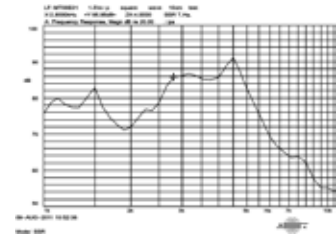
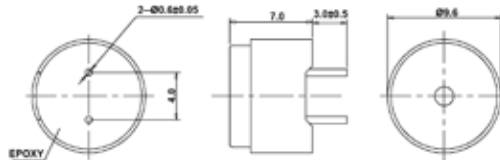
Part No. 型號	Rated Voltage 額定電壓	Operating Voltage 工作電壓	※Current Consumption 消耗電流	Coil Resistance 直流阻抗	※Sound Pressure Level 輸出音壓	Resonant Frequency 諧振頻率	Operating Temp. 工作溫度
LF-MT09D01	1.5Vo-p	1.0Vo-p~2.0Vo-p	80mA max.	5.5±2Ω	80dB min./10cm	2,730Hz	-20°C ~+60°C
LF-MT09D02	3.0Vo-p	2.0Vo-p~4.0Vo-p	60mA max.	25±4Ω	85dB min./10cm	2,730Hz	-20°C ~+70°C
LF-MT09D03	5.0Vo-p	4.0Vo-p~6.0Vo-p	100mA max.	40±6Ω	85dB min./10cm	2,730Hz	-20°C ~+60°C

Magnetic Buzzer Type | 電磁式蜂鳴器

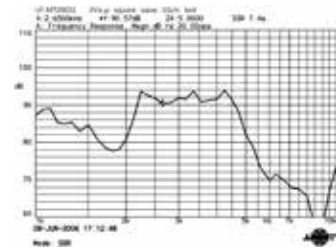
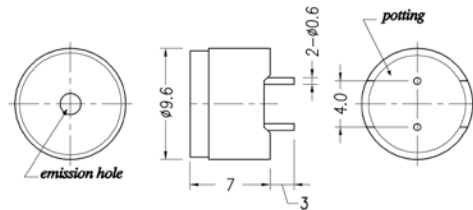
Ariose Electronics Co., Ltd.

+ Magnetic transducer 外激式

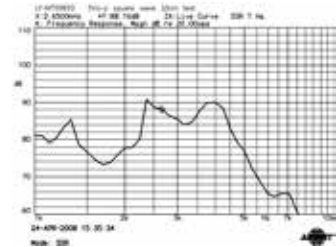
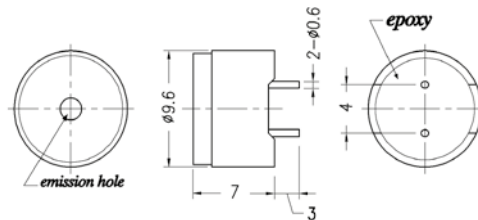
◎ LF-MT09E01



◎ LF-MT09E02



◎ LF-MT09E03

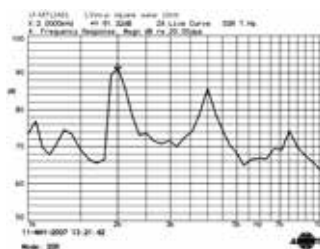
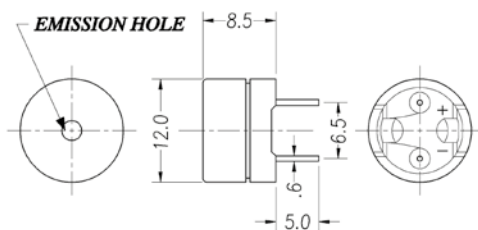


Part No. 型號	Rated Voltage 額定電壓	Operating Voltage 工作電壓	※Current Consumption 消耗電流	Coil Resistance 直流阻抗	※Sound Pressure Level 輸出音壓	Resonant Frequency 諧振頻率	Operating Temp. 工作溫度
LF-MT09E01	1.5Vo-p	1.0Vo-p~3.0Vo-p	80mA max.	5.5±1Ω	85dB min./10cm	2,730Hz	-20°C ~+70°C
LF-MT09E02	3.0Vo-p	2.0Vo-p~5.0Vo-p	80mA max.	27±4Ω	85dB min./10cm	2,730Hz	-20°C ~+70°C
LF-MT09E03	5.0Vo-p	3.0Vo-p~8.0Vo-p	80mA max.	47±5Ω	85dB min./10cm	2,730Hz	-20°C ~+70°C

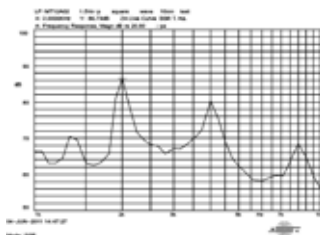
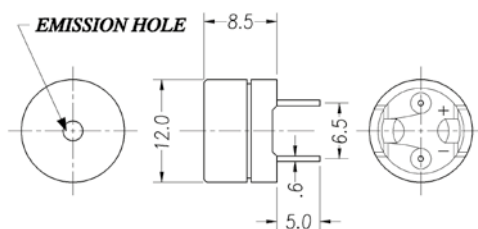
Magnetic Buzzer Type | 電磁式蜂鳴器

+ Magnetic transducer 外激式

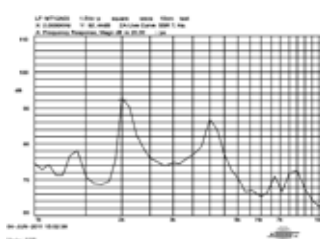
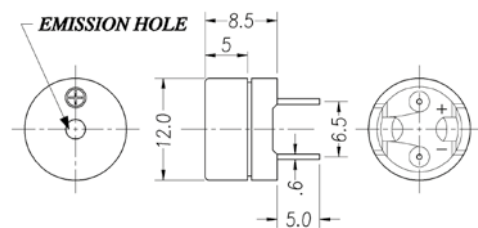
◎ LF-MT12A01



◎ LF-MT12A02



◎ LF-MT12A03



Magnetic transducer 外激式

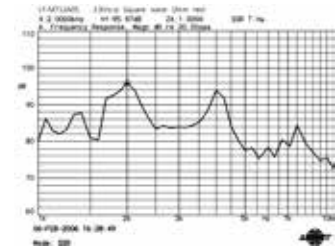
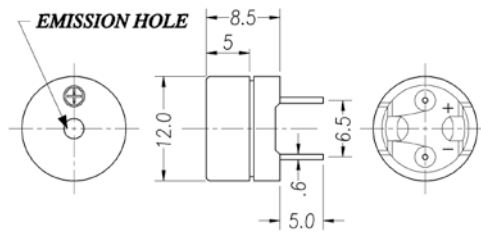
Part No. 型號	Rated Voltage 額定電壓	Operating Voltage 工作電壓	※Current Consumption 消耗電流	Coil Resistance 直流阻抗	※Sound Pressure Level 輸出音壓	Resonant Frequency 諧振頻率	Operating Temp. 工作溫度
LF-MT12A01	1.5Vo-p	1.0Vo-p~3.0Vo-p	30mA max.	16±4.5Ω	85dB min./10cm	2,048Hz	-20°C ~+70°C
LF-MT12A02	1.5Vo-p	1.0Vo-p~3.0Vo-p	15mA max.	42±6Ω	80dB min./10cm	2,048Hz	-20°C ~+70°C
LF-MT12A03	1.5Vo-p	1.0Vo-p~3.0Vo-p	60mA max.	8±1Ω	85dB min./10cm	2,048Hz	-20°C ~+70°C

Magnetic Buzzer Type | 電磁式蜂鳴器

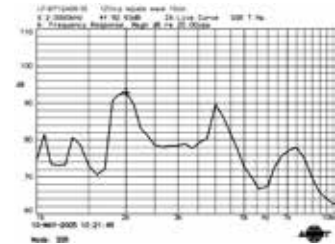
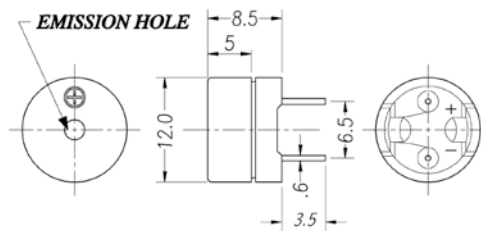
Ariose Electronics Co., Ltd.

+ Magnetic transducer 外激式

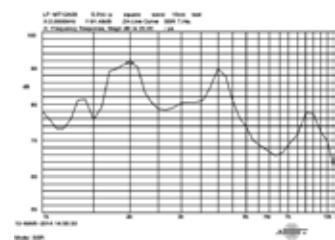
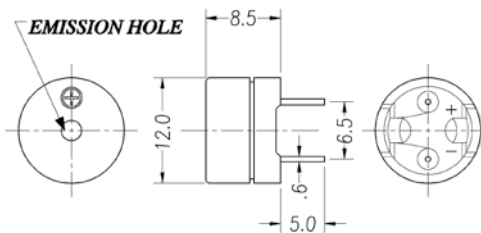
◎ LF-MT12A05



◎ LF-MT12A06-35



◎ LF-MT12A08



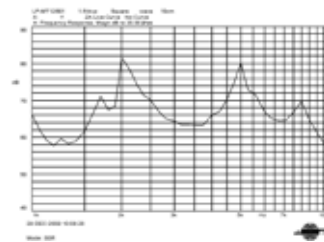
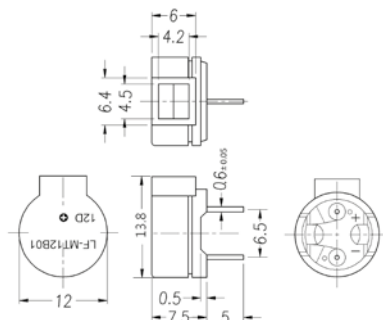
Magnetic transducer 外激式

Part No. 型號	Rated Voltage 額定電壓	Operating Voltage 工作電壓	※Current Consumption 消耗電流	Coil Resistance 直流阻抗	※Sound Pressure Level 輸出音壓	Resonant Frequency 諧振頻率	Operating Temp. 工作溫度
LF-MT12A05	3.6Vo-p	2.0Vo-p~5.0Vo-p	80mA max.	16±4Ω	85dB min./10cm	2,048Hz	-20°C ~+70°C
LF-MT12A06-35	12.0Vo-p	9.0Vo-p~15.0Vo-p	50mA max.	115±13Ω	85dB min./10cm	2,048Hz	-20°C ~+70°C
LF-MT12A08	5.0Vo-p	4.0Vo-p~8.0Vo-p	50mA max.	42±5Ω	88dB min./10cm	2,048Hz	-20°C ~+70°C

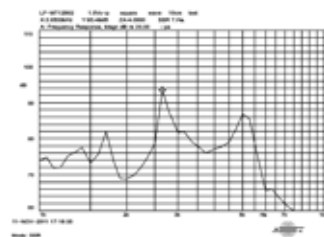
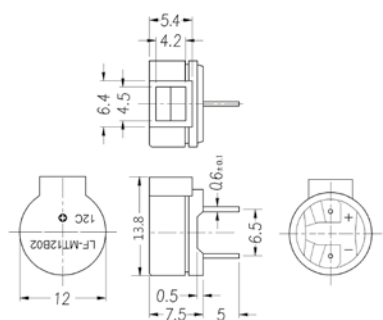
Magnetic Buzzer Type | 電磁式蜂鳴器

+ Magnetic transducer 外激式

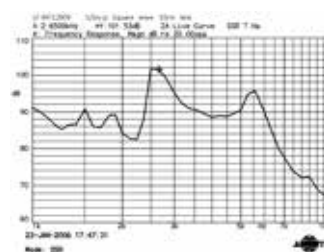
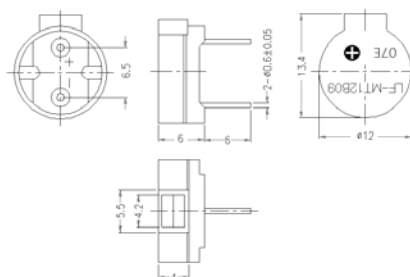
◎ LF-MT12B01



◎ LF-MT12B02



◎ LF-MT12B09



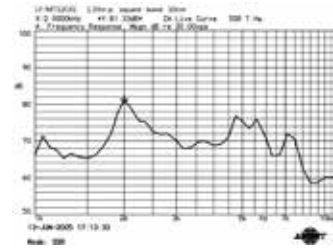
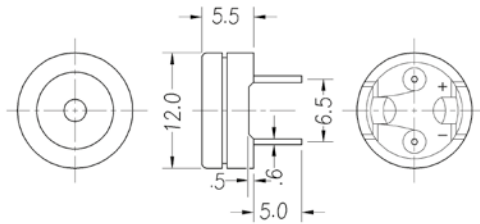
Part No. 型號	Rated Voltage 額定電壓	Operating Voltage 工作電壓	※Current Consumption 消耗電流	Coil Resistance 直流阻抗	※Sound Pressure Level 輸出音壓	Resonant Frequency 諧振頻率	Operating Temp. 工作溫度
LF-MT12B01	1.5Vo-p	1.0Vo-p~2.0Vo-p	30mA max.	15±4.5Ω	80dB min./10cm	2,048Hz	-30°C ~+70°C
LF-MT12B02	1.5Vo-p	1.0Vo-p~3.0Vo-p	70mA max.	6.5±1Ω	85dB min./10cm	2,731Hz	-20°C ~+70°C
LF-MT12B09	12.0Vo-p	6.0Vo-p~15.0Vo-p	40mA max.	115±10Ω	88dB min./10cm	2,730Hz	-20°C ~+70°C

Magnetic Buzzer Type | 電磁式蜂鳴器

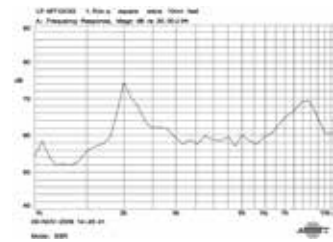
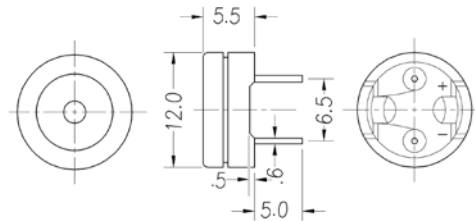
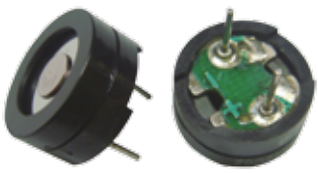
Ariose Electronics Co., Ltd.

+ Magnetic transducer 外激式

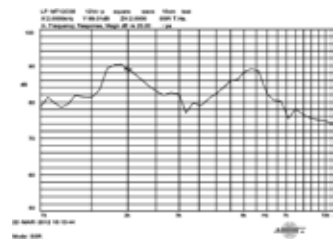
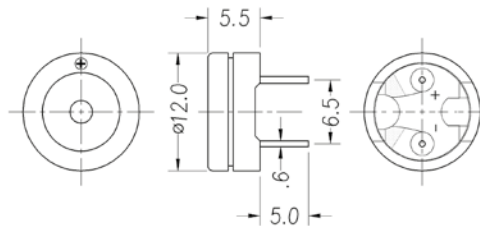
◎ LF-MT12C01



◎ LF-MT12C02



◎ LF-MT12C08



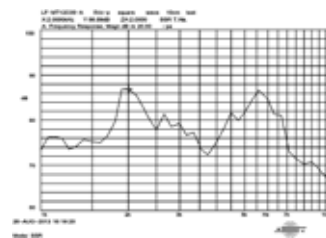
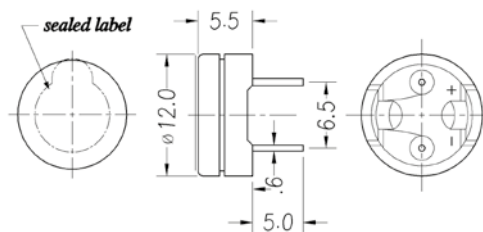
Magnetic transducer 外激式

Part No. 型號	Rated Voltage 額定電壓	Operating Voltage 工作電壓	※Current Consumption 消耗電流	Coil Resistance 直流阻抗	※Sound Pressure Level 輸出音壓	Resonant Frequency 諧振頻率	Operating Temp. 工作溫度
LF-MT12C01	1.5Vo-p	1.0Vo-p~3.0Vo-p	30mA max.	16±4Ω	75dB min./10cm	2,048Hz	-20°C ~+70°C
LF-MT12C02	1.5Vo-p	1.0Vo-p~3.0Vo-p	15mA max.	42±5Ω	75dB min./10cm	2,048Hz	-25°C ~+65°C
LF-MT12C08	12.0Vo-p	9.0Vo-p~15.0Vo-p	60mA max.	85±5Ω	75dB min./10cm	2,048Hz	-20°C ~+70°C

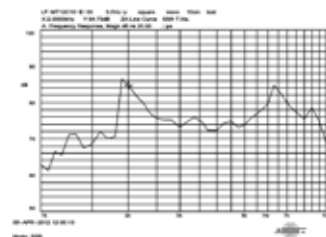
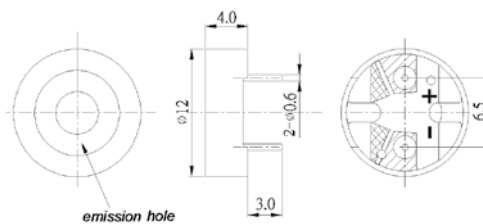
Magnetic Buzzer Type | 電磁式蜂鳴器

+ Magnetic transducer 外激式

◎ LF-MT12C09-A



◎ LF-MT12C10-E-30



Magnetic transducer 外激式

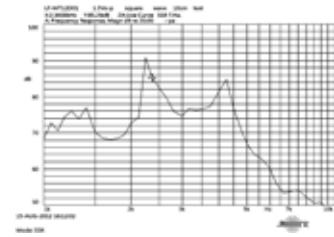
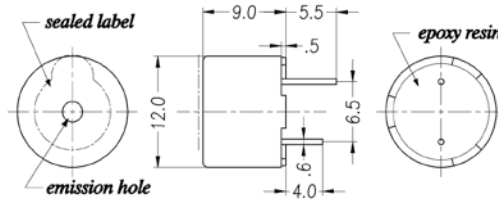
Part No. 型號	Rated Voltage 額定電壓	Operating Voltage 工作電壓	※Current Consumption 消耗電流	Coil Resistance 直流阻抗	※Sound Pressure Level 輸出音壓	Resonant Frequency 諧振頻率	Operating Temp. 工作溫度
LF-MT12C09-A	5Vo-p	4.0Vo-p~7.0Vo-p	50mA max.	40±3Ω	75dB min./10cm	2,048Hz	-25°C ~+70°C
LF-MT12C10-E-30	3Vo-p	2.0Vo-p~4.0Vo-p	90mA max.	15±2Ω	80dB min./10cm	2,000Hz	-20°C ~+70°C

Magnetic Buzzer Type | 電磁式蜂鳴器

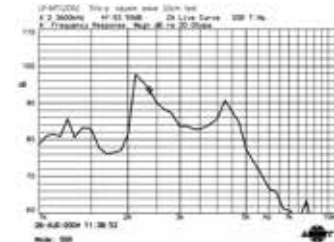
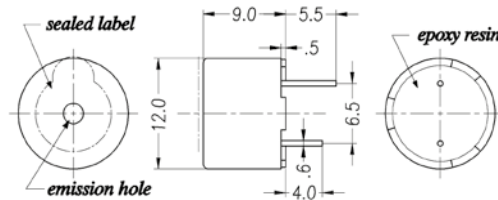
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+ Magnetic transducer 外激式

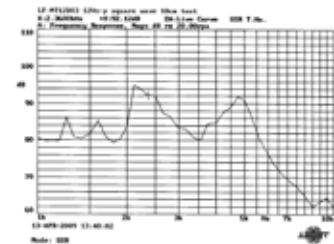
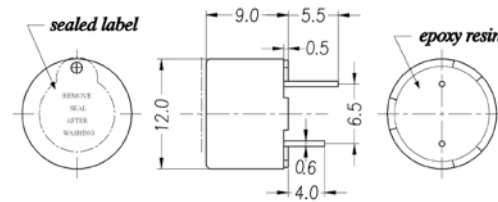
◎ LF-MT12D01



◎ LF-MT12D02



◎ LF-MT12D03



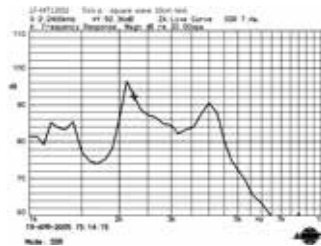
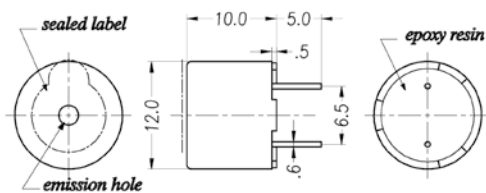
Part No. 型號	Rated Voltage 額定電壓	Operating Voltage 工作電壓	※Current Consumption 消耗電流	Coil Resistance 直流阻抗	※Sound Pressure Level 輸出音壓	Resonant Frequency 諧振頻率	Operating Temp. 工作溫度
LF-MT12D01	1.5Vo-p	1.0Vo-p~2.0Vo-p	30mA max.	16±4.5Ω	80dB min./10cm	2,400Hz	-20°C ~+70°C
LF-MT12D02	5.0Vo-p	3.0Vo-p~8.0Vo-p	40mA max.	47±5.2Ω	85dB min./10cm	2,400Hz	-40°C ~+85°C
LF-MT12D03	12.0Vo-p	6.0Vo-p~15.0Vo-p	40mA max.	140±14Ω	85dB min./10cm	2,400Hz	-20°C ~+70°C

Magnetic transducer 外激式

Magnetic Buzzer Type | 電磁式蜂鳴器

+Magnetic transducer 外激式

◎ LF-MT12E02



Magnetic transducer 外激式

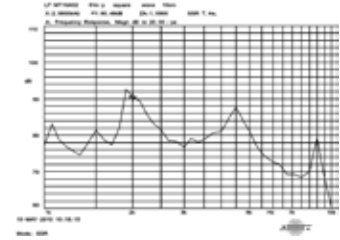
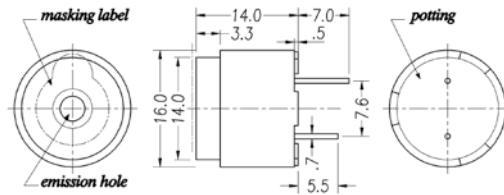
Part No. 型號	Rated Voltage 額定電壓	Operating Voltage 工作電壓	※Current Consumption 消耗電流	Coil Resistance 直流阻抗	※Sound Pressure Level 輸出音壓	Resonant Frequency 諧振頻率	Operating Temp. 工作溫度
LF-MT12E02	5.0V _{o-p}	3.0V _{o-p} ~8.0V _{o-p}	50mA max.	40±6.0Ω	85dB min./10cm	2,300Hz	-20°C ~+70°C

Magnetic Buzzer Type | 電磁式蜂鳴器

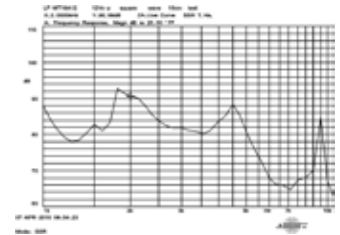
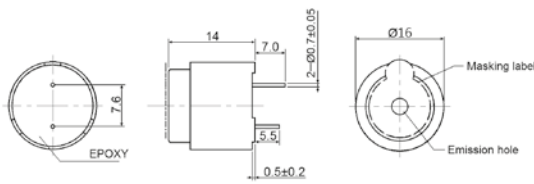
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+ Magnetic transducer 外激式

◎ LF-MT16A02



◎ LF-MT16A12



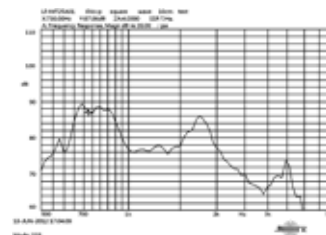
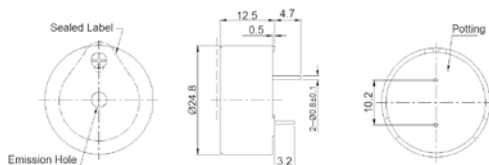
Magnetic transducer 外激式

Part No. 型號	Rated Voltage 額定電壓	Operating Voltage 工作電壓	※Current Consumption 消耗電流	Coil Resistance 直流阻抗	※Sound Pressure Level 輸出音壓	Resonant Frequency 諧振頻率	Operating Temp. 工作溫度
LF-MT16A02	6Vo-p	4.0Vo-p~8.0Vo-p	40mA max.	50±7Ω	85dB min./10cm	2,048Hz	-40°C ~+85°C
LF-MT16A12	12Vo-p	9.0Vo-p~15.0Vo-p	40mA max.	115±12Ω	85dB min./10cm	2,048Hz	-30°C ~+70°C

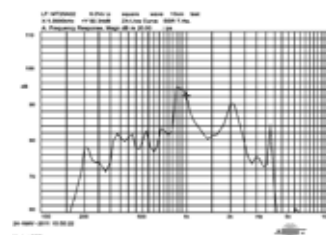
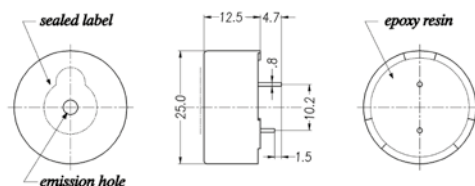
Magnetic Buzzer Type | 電磁式蜂鳴器

+ Magnetic transducer 外激式

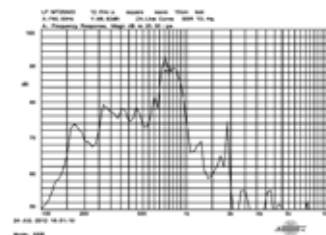
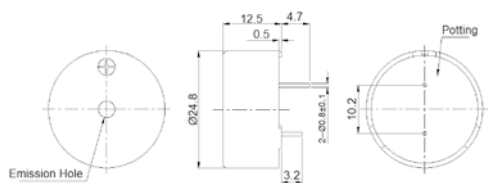
◎ LF-MT25A01



◎ LF-MT25A02



◎ LF-MT25A03



Magnetic transducer 外激式

Part No. 型號	Rated Voltage 額定電壓	Operating Voltage 工作電壓	※Current Consumption 消耗電流	Coil Resistance 直流阻抗	※Sound Pressure Level 輸出音壓	Resonant Frequency 諧振頻率	Operating Temp. 工作溫度
LF-MT25A01	6Vo-p	4.0Vo-p~8.0Vo-p	70mA max.	36±6Ω	85dB min./10cm	730Hz	-20°C ~+70°C
LF-MT25A02	6Vo-p	3.0Vo-p~8.0Vo-p	70mA max.	36±6Ω	85dB min./10cm	1,000Hz	-20°C ~+70°C
LF-MT25A03	12Vo-p	8.0Vo-p~15.0Vo-p	50mA max.	120±12Ω	85dB min./10cm	730Hz	-20°C ~+70°C



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