Magnetic Buzzer Type

電磁式蜂鳴器
Magnetic Type

Description of Part No. of Magnetic type series

<table>
<thead>
<tr>
<th>LF</th>
<th>MB</th>
<th>12</th>
<th>A</th>
<th>01</th>
<th>A</th>
<th>WP</th>
<th>A</th>
<th>001</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>(2)</td>
<td>(3)</td>
<td>(4)</td>
<td>(5)</td>
<td>(6)</td>
<td>(7)</td>
<td>(8)</td>
<td></td>
</tr>
</tbody>
</table>

(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  

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Rated Voltage</th>
<th>Operating Voltage</th>
<th>※Current Consumption</th>
<th>※Sound Pressure Level</th>
<th>Resonant Frequency</th>
<th>Operating Temp.</th>
</tr>
</thead>
<tbody>
<tr>
<td>LF-MB13T03</td>
<td>3.0 VDC</td>
<td>2.0VDC–5.0VDC</td>
<td>30mA max.</td>
<td>90dB min./10cm</td>
<td>2,300Hz±300Hz</td>
<td>-20°C ~ +70°C</td>
</tr>
<tr>
<td>LF-MB13T05</td>
<td>5.0 VDC</td>
<td>4.0VDC–7.0VDC</td>
<td>30mA max.</td>
<td>90dB min./10cm</td>
<td>2,400Hz±300Hz</td>
<td>-30°C ~ +85°C</td>
</tr>
</tbody>
</table>

※ Applying rated voltage.
<table>
<thead>
<tr>
<th>Part No. 型號</th>
<th>Rated Voltage 預定電壓</th>
<th>Operating Voltage 工作電壓</th>
<th>※Current Consumption 消耗電流</th>
<th>※Sound Pressure Level 輸出音壓</th>
<th>Resonant Frequency 調諧頻率</th>
<th>Operating Temp. 工作溫度</th>
</tr>
</thead>
<tbody>
<tr>
<td>LF-MB09B03-001</td>
<td>3.0 VDC</td>
<td>2.0VDC~4.0VDC</td>
<td>30mA max.</td>
<td>80dB min./10cm</td>
<td>2,700Hz±300Hz</td>
<td>-20°C ~ +65°C</td>
</tr>
<tr>
<td>LF-MB09B05</td>
<td>5.0 VDC</td>
<td>3.0VDC~8.0VDC</td>
<td>30mA max.</td>
<td>85dB min./10cm</td>
<td>2,700Hz±300Hz</td>
<td>-20°C ~ +70°C</td>
</tr>
<tr>
<td>LF-MB09D03</td>
<td>3.0 VDC</td>
<td>2.0VDC~4.0VDC</td>
<td>30mA max.</td>
<td>80dB min./10cm</td>
<td>2,700Hz±300Hz</td>
<td>-30°C ~ +70°C</td>
</tr>
</tbody>
</table>

※ Applying rated voltage
Magnetic Buzzer Type

LF-MB12A03

Part No. | Rated Voltage | Operating Voltage | ※Current Consumption | ※Sound Pressure Level | Resonant Frequency | Operating Temp.
---|---|---|---|---|---|---
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

- **Magnetic Buzzer**

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**Ariose Electronics Co., Ltd.**

#### LF-MB12B01

- **Magnetic Buzzer**

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<table>
<thead>
<tr>
<th>Part No.</th>
<th>Rated Voltage</th>
<th>Operating Voltage</th>
<th>Current Consumption</th>
<th>Operating Temp.</th>
</tr>
</thead>
<tbody>
<tr>
<td>LF-MB12B01</td>
<td>1.5 VDC</td>
<td>1.3VDC~2.0VDC</td>
<td>20mA max.</td>
<td>-20°C ~ +70°C</td>
</tr>
<tr>
<td>LF-MB12B06</td>
<td>5.0 VDC</td>
<td>3.0VDC~7.0VDC</td>
<td>30mA max.</td>
<td>-25°C ~ +85°C</td>
</tr>
<tr>
<td>LF-MB12B12</td>
<td>12.0 VDC</td>
<td>8.0VDC~15.0VDC</td>
<td>30mA max.</td>
<td>-20°C ~ +70°C</td>
</tr>
<tr>
<td>LF-MB12B24</td>
<td>24.0 VDC</td>
<td>15.0VDC~27.0VDC</td>
<td>30mA max.</td>
<td>-20°C ~ +70°C</td>
</tr>
</tbody>
</table>

※ Applying rated voltage.
Magnetic Buzzer Type | 電磁式蜂鳴器

+ Magnetic buzzer 自激式

**LF-MB16A12-A**

![Image of LF-MB16A12-A](image)

- **Part No.** LF-MB16A12-A
- **Rated Voltage** 12.0 VDC
- **Operating Voltage** 8.0VDC–15.0VDC
- **Operating Voltage** 8.0VDC–15.0VDC
- **Current Consumption** 30mA max.
- **Sound Pressure Level** 85dB min./10cm
- **Resonant Frequency** 2,300Hz
- **Operating Temp.** -20°C ~+70°C

**LF-MB16A24-A**

![Image of LF-MB16A24-A](image)

- **Part No.** LF-MB16A24-A
- **Rated Voltage** 24.0 VDC
- **Operating Voltage** 15.0VDC–28.0VDC
- **Current Consumption** 30mA max.
- **Sound Pressure Level** 85dB min./10cm
- **Resonant Frequency** 2,300Hz
- **Operating Temp.** -20°C ~+70°C

※ Applying rated voltage.
### Magnetic Buzzer Type

**LF-MB26B06**

- **Operating Voltage**: 6.0 VDC
- **Rated Voltage**: 4.0VDC~8.0VDC
- **Current Consumption**: 40mA max.
- **Sound Pressure Level**: 85dB min./10cm
- **Resonant Frequency**: 400Hz ±100Hz
- **Operating Temp.**: -20°C ~+60°C

**LF-MB26B12**

- **Operating Voltage**: 12.0 VDC
- **Rated Voltage**: 8.0VDC~16.0VDC
- **Current Consumption**: 40mA max.
- **Sound Pressure Level**: 85dB min./10cm
- **Resonant Frequency**: 400Hz ±100Hz
- **Operating Temp.**: -20°C ~+60°C

**LF-MB26B24**

- **Operating Voltage**: 24.0 VDC
- **Rated Voltage**: 20.0VDC~28.0VDC
- **Current Consumption**: 40mA max.
- **Sound Pressure Level**: 85dB min./10cm
- **Resonant Frequency**: 400Hz ±100Hz
- **Operating Temp.**: -20°C ~+60°C

※ Applying rated voltage.