

Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of PKM17EWH4000 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=PKM17EWH4000

PKM17EWH4000









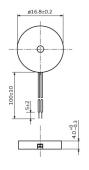
Applications

| Unsuitable | Please be sure to read and comply with | | |
|--------------|--|--|--|
| Applications | these "Precautions for use." | | |
| | Consumer equipment,Industrial | | |
| | Equipment | | |
| | Please refer to Our Website and | | |
| | specifications, etc. for information about | | |
| Specific | the performance, functions, quality, | | |
| Applications | management, and safety required for | | |
| | the above applications, and use | | |
| | Products after confirming the | | |
| | performance and reliability of the actual | | |
| | Product. | | |



Appearance & Shape







Packaging Information

| Packaging | Specifications | Standard Packing Quantity |
|-----------|----------------|---------------------------------|
| - | Bulk | 500 |



Features

Externally driven piezoelectric sounders are used in digital watches, electronic calculators, telephones and other equipment. They are driven by a signal (ex.: 2048Hz or 4096Hz) from an LSI and provide melodious sound.

Features

- 1. Low power consumption
- 2. No noise and high reliability

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Specifications

| Oscillation circuits | Not built-in |
|--|---------------------------------------|
| Size | φ16.8×4.3 mm |
| Frequency | 4.0kHz |
| Sound Pressure Level | 88dB (typ.) |
| Sound Pressure Level | 75dB (min.) |
| Measure Condition of Sound Pressure Level | [3.0Vp-p,4.0kHz,square wave, 10cm] |
| Capacitance | 9.5nF |
| Capacitance Tolerance | ±30% |
| Measurement Condition of Capacitance | [1kHz] |
| Maximum input voltage | ±12.5Vo-p max. |
| Operating Temperature Range | -20°C to 70°C |
| Storage Temperature Range | -30°C to 80°C |
| Shape | Lead |
| Lead Shape | Lead Wire type |
| Lead length | Lead wire length:100mm |
| Drive Type | External Drive |
| EIAJ Part Number | PS-RW2-C17-40 |
| Mass | 863mg |

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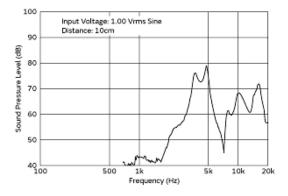


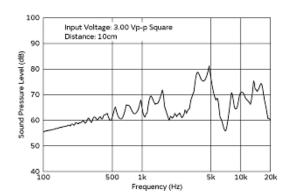
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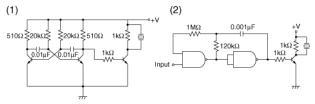


Frequency Characteristics (sine wave)

Frequency Characteristics (square wave)

The following are examples of externally driven circuits.

- (1) Unstable multi-vibrator using Tr.
- (2) Circuits using inverters or NAND gates.



Recommended Circuit

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