

Product Search Data Sheet

## PKM22EPPH2002-B0

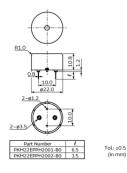
In Production RoHS REACH

### 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





Note: This datasheet may be out of date. Please download the latest datasheet of PKM22EPPH2002-B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=PKM22EPPH2002-B0

## Packaging Information

Packaging	Specifications	Standard Packing Quantity
-B0	Bulk	750



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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#### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued

without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.





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## Specifications

Oscillation circuits	Not built-in
Size	φ22.0×12.0 mm
Frequency	2.0kHz
Sound Pressure Level	79dB (typ.)
Sound Pressure Level	70dB (min.)
Measure Condition of Sound Pressure Level	[±1.5Vo-p,2.0kHz,square wave, 10cm]
Capacitance	19nF
Capacitance Tolerance	±30%
Measurement Condition of Capacitance	[120Hz]
Maximum input voltage	±15.0Vo-p max.
Operating Temperature Range	-20°C to 70°C
Storage Temperature Range	-30°C to 80°C
Shape	Lead
Lead Shape	Pin type
Lead length	Lead length:3.5mm
Drive Type	External Drive
EIAJ Part Number	PS-RP2-C22-20
Mass	2990mg

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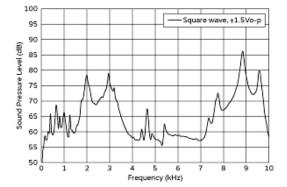
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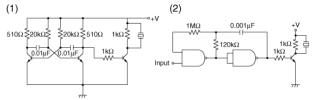
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The following are examples of externally driven circuits. (1) Unstable multi-vibrator using Tr.

(2) Circuits using inverters or NAND gates.



**Frequency Response** 

**Recommended Circuit** 

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