

Product Search Data Sheet

PKM22EPH2003

Note: This datasheet may be out of date. Please download the latest datasheet of PKM22EPH2003 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=PKM22EPH2003

Discontinued RoHS

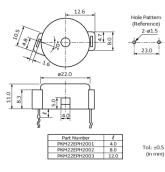
OHS REACH

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





Packaging Information

Packaging	Specifications	Standard Packing Quantity
-	Bulk	270



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



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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Oscillation circuits	Not built-in
Size	φ22.0×11.0 mm
Frequency	2.0kHz
Sound Pressure Level	85dB (typ.)
Sound Pressure Level	75dB (min.)
Measure Condition of Sound Pressure Level	[±1.5Vo-p,2.0kHz,square wave, 10cm]
Capacitance	17nF
Capacitance Tolerance	±30%
Measurement Condition of Capacitance	[120Hz]
Maximum input voltage	±12.5Vo-p max.
Operating Temperature Range	-20°C to 70°C
Storage Temperature Range	-30℃ to 80℃
Shape	Lead
Lead Shape	Pin type
Lead length	Lead length:12.0mm
Drive Type	External Drive
EIAJ Part Number	PS-RP2-C22-20
Mass	3050mg

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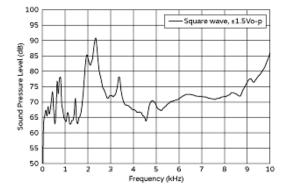


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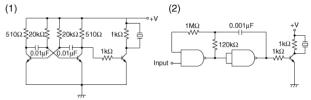
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Product Data



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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