

Product Search Data Sheet

# PKM22EPH2002

Note: This datasheet may be out of date. Please download the latest datasheet of PKM22EPH2002 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=PKM22EPH2002

Discontinued RoHS

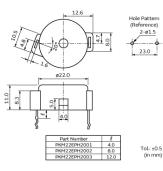
IS REACH

### 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.	

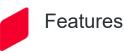
### Appearance & Shape





## 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.





# PKM22EPH2002

Note: This datasheet may be out of date. Please download the latest datasheet of PKM22EPH2002 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=PKM22EPH2002



#### 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 [±1.5Vo-p,2.0kHz,square wave, Pressure Level 10cm] Capacitance 17nF Capacitance Tolerance ±30% Measurement Condition of [120Hz] Capacitance Maximum input voltage ±12.5Vo-p max. **Operating Temperature** -20°C to 70°C Range Storage Temperature Range -30°C to 80°C Shape Lead Lead Shape Pin type Lead length Lead length:8.0mm Drive Type External Drive EIAJ Part Number PS-RP2-C22-20 Mass 2987mg

2 of 3

#### 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.





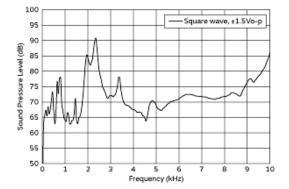


# PKM22EPH2002

Note: This datasheet may be out of date. Please download the latest datasheet of PKM22EPH2002 from the official website of Murata Manufacturing Co., Ltd.

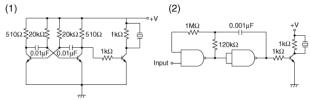
http://www.murata.com/en/products/productdetail?partno=PKM22EPH2002

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** 

3 of 3

#### 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.

