

Note: This datasheet may be out of date. Please download the latest datasheet of PKM13EPYH4002-B0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=PKM13EPYH4002-B0

## PKM13EPYH4002-B0









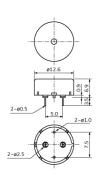
## **Applications**

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
-B0	Bulk	1980



## **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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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.





## Product Search Data Sheet

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# **Specifications**

Oscillation circuits	Not built-in	
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Size	φ12.6×6.9 mm	
Frequency	4.0kHz	
Sound Pressure Level	78dB (typ.)	
Sound Pressure Level	70dB (min.)	
Measure Condition of Sound Pressure Level	[±1.5Vo-p,4.0kHz,square wave, 10cm]	
Capacitance	5.5nF	
Capacitance Tolerance	±30%	
Measurement Condition of Capacitance	[1kHz]	
Maximum input voltage	±15.0Vo-p max.	
Operating Temperature Range	-40°C to 85°C	
Storage Temperature Range	-40°C to 85°C	
Shape	Lead	
Lead Shape	Pin type	
Lead length	Lead length:3.5mm	
Drive Type	External Drive	
EIAJ Part Number	PS-RP2-C13-40	
Mass	692.8mg	

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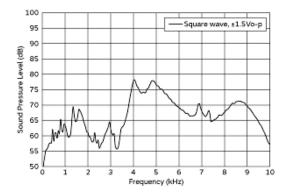
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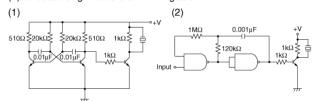
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The following are examples of externally driven circuits.

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



Frequency Response

Recommended Circuit

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