

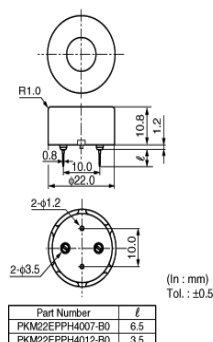
PKM22EPPH4012-B0

In Production

RoHS

REACH

Appearance & Shape



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 contacts therefore, no noise and highly reliable

Applications

Other Usage	Consumer/Industrial
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Packaging Information

Packaging	Specifications	Minimum Order Quantity
-B0	Bulk	750

Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its specifications are subject to change or our products 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

Shape	Lead
Lead length	Lead length:3.5mm
Lead Shape	Pin type
Drive Type	External Drive
Sound Frequency	4.0kHz
Sound Pressure Level(Min.)	85dB
Measure Condition of Sound Pressure Level	[±1.5Vo-p,4.0kHz,square wave,10cm]
Operating Voltage Range	30Vdc to
Operating Temperature Range	-20°C to 70°C
Storage Temperature Range	-30.0°C to 80.0°C
Capacitance	12nF
Tolerance	±30%
Measurement Condition of Capacitance	[1kHz]
EIAJ Part Number	PS-RP2-C22-40

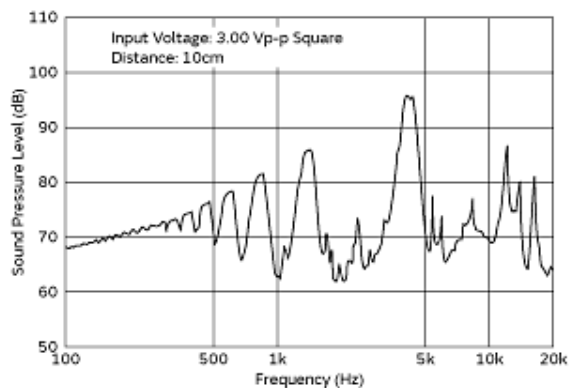
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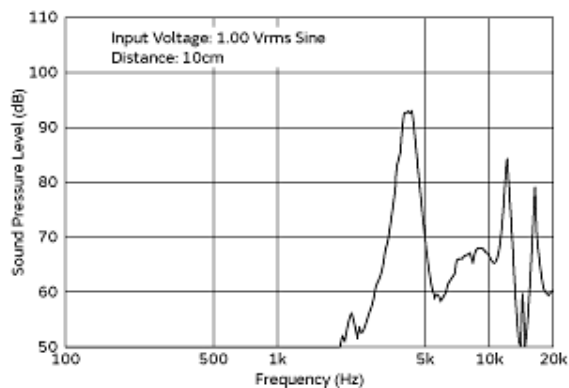
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Product Data



Frequency Characteristics (sine wave)

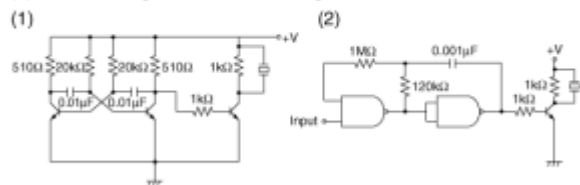


Frequency Characteristics (square wave)

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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