

# PKM22EPPH2002-B0

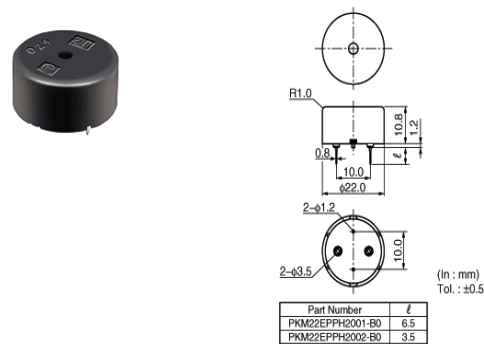
In Production

RoHS

REACH

< List of part numbers with package codes >  
 PKM22EPPH2002-B0

## 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**  
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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.

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## Specifications

Shape	Lead
Lead Shape	Pin type
Drive Type	External Drive
Sound Pressure Level(Min.)	70dB
Measure Condition of Sound Pressure Level	[3.0Vp-p,2.0kHz,square wave,10cm]
Operating Voltage Range	30Vdc to
Operating Temperature Range	-20°C to 70°C
Capacitance	19nF
Tolerance	±30%
Measurement Condition of Capacitance	[120Hz]
EIAJ Part Number	PS-RP2-C22-20

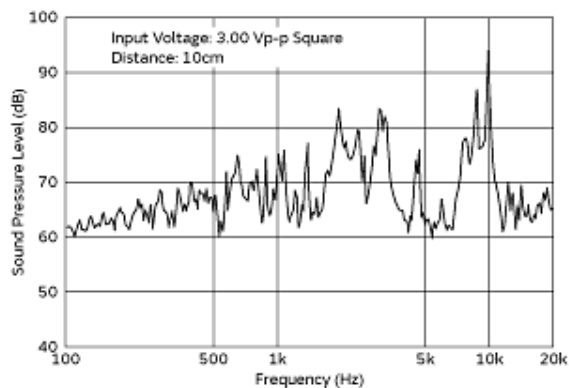
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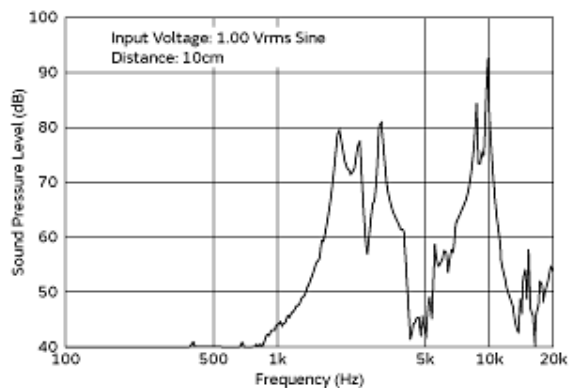
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## Product Data



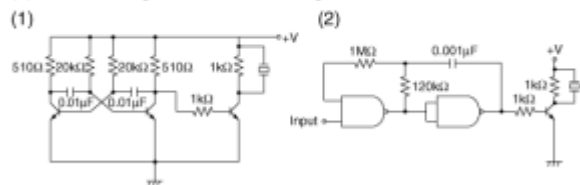
Frequency Characteristics (sine wave)



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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