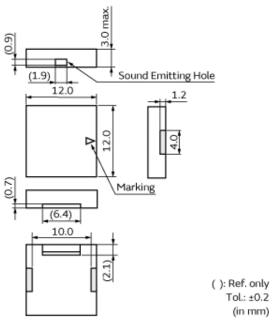
# PKLCS1212E4001-R1

To be discontinued RoHS REACH

## Applications

| | |
|---|---|
| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use." |
| Specific Applications | Consumer equipment,Industrial Equipment<br>Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, 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 |
|---|---|---|
| -R1 | Embossed Tape | 1000 |

## Features

Taking advantage of extensive acoustic and mechanical design technology and high performance ceramics, Murata has developed SMD piezoelectric sounders that suit the thin, high-density design of electronic equipment.

Features
1. Small, thin and lightweight
2. High sound pressure level and clear sound
3. Reflowable
4. Tape & Reel supply

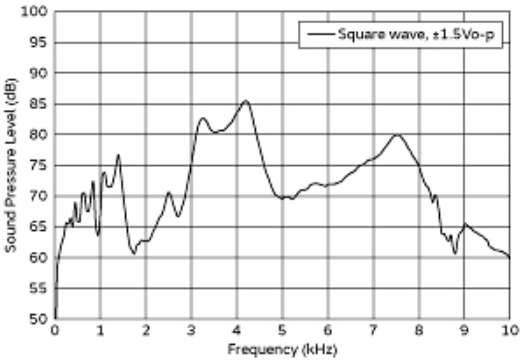
# PKLCS1212E4001-R1

## Specifications

| | |
|---|---|
| Oscillation circuits | Not built-in |
| Size | 12.0×12.0×3.0 mm |
| Frequency | 4.0kHz |
| Sound Pressure Level | 84dB (typ.) |
| Sound Pressure Level | 75dB (min.) |
| Measure Condition of Sound Pressure Level | [±1.5Vo-p,4.0kHz,square wave, 10cm] |
| Maximum input voltage | ±12.5Vo-p max. |
| Operating Temperature Range | -20℃ to 70℃ |
| Storage Temperature Range | -30℃ to 80℃ |
| Shape | SMD |
| Drive Type | External Drive |
| Mass | 360mg |

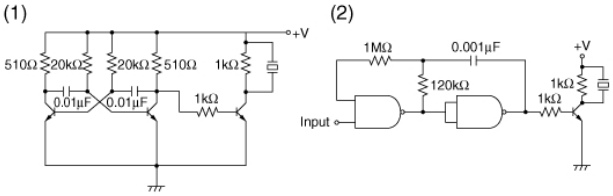
# PKLCS1212E4001-R1

## Product Data




Frequency Response

The following are examples of externally driven circuits.
(1) Unstable multi-vibrator using Tr.
(2) Circuits using inverters or NAND gates.




Recommended Circuit