Note: This datasheet may be out of date.

Please download the latest datasheet of PKLCS1212E4001-R1 from the official website of Murata Manufacturing

Co., Ltd.

https://www.murata.com/en-us/products/productdetail?partno=PKLCS1212E4001-R1

PKLCS1212E4001-R1



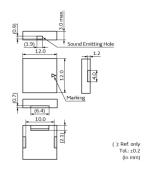






Appearance & Shape







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



Other Usage

Consumer/Industrial



Packaging Information

Packaging	Specifications	Minimum Order Quantity
-R1	Embossed Tape	1000

1 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



URL: https://www.murata.com/

Last updated : 2019/01/19



Note: This datasheet may be out of date

Please download the latest datasheet of PKLCS1212E4001-R1 from the official website of Murata Manufacturing

 $\underline{\text{Co., Ltd.}} \\ \text{https://www.murata.com/en-us/products/productdetail?partno=PKLCS1212E4001-R1} \\$

PKLCS1212E4001-R1



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°C to 80°C	
Shape	SMD	
Drive Type	External Drive	

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



URL: https://www.murata.com/

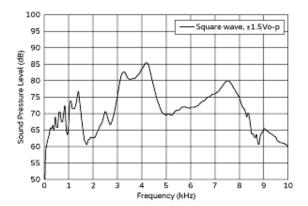
Last updated :2019/01/19

Note: This datasheet may be out of date

Please download the latest datasheet of PKLCS1212E4001-R1 from the official website of Murata Manufacturing $\begin{tabular}{ll} \hline Co., Ltd. \\ \hline https://www.murata.com/en-us/products/productdetail?partno=PKLCS1212E4001-R1 \\ \hline \end{tabular}$

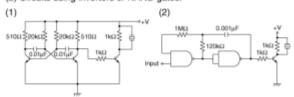
PKLCS1212E4001-R1





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

