

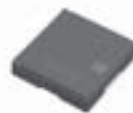
Piezoelectric Sound Components

Piezoelectric Sounders External Drive SMD Type

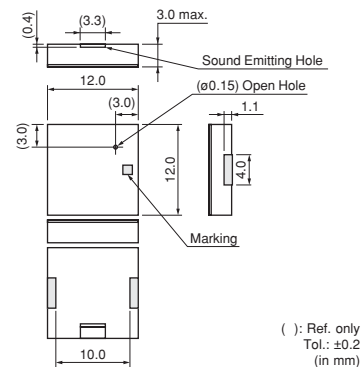
Taking advantage of extensive acoustic and mechanical design technology and high performance ceramics, Murata has developed SMD piezoelectric sounders that suit the thin, high-density design of electronic equipment.

■ Features

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



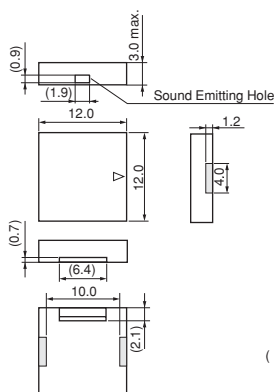
PKLCS1212E2400-R1
PKLCS1212E24A0-R1



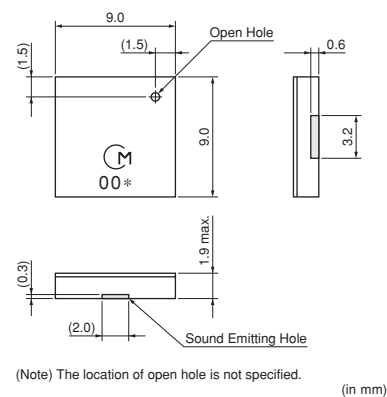
(Note) The location of open hole is not specified.



PKLCS1212E4001-R1
PKLCS1212E40A1-R1



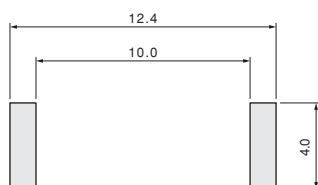
PKMCS0909E4000-R1



Part Number	Sound Pressure Level (dB)	Operating Voltage Range	Operating Temp. Range (°C)	Storage Temp. Range (°C)	Use
PKLCS1212E2400-R1	75 min.[±1.5 Vo-p,2.4kHz,square wave,10cm]	±12.5 Vo-p max.	-20 to +70	-30 to +80	For consumer electronics
PKLCS1212E24A0-R1	75 min.[±1.5 Vo-p,2.4kHz,square wave,10cm]	±12.5 Vo-p max.	-40 to +85	-40 to +85	For automotive electronics
PKLCS1212E4001-R1	75 min.[3Vp-p,4kHz,square wave,10cm]	25 Vp-p max.	-20 to +70	-30 to +80	For consumer electronics
PKLCS1212E40A1-R1	75 min.[3Vp-p,4kHz,square wave,10cm]	25 Vp-p max.	-40 to +85	-40 to +85	For automotive electronics
PKMCS0909E4000-R1	65 min.[±1.5 Vo-p,4kHz,square wave,10cm]	±12.5 Vo-p max.	-40 to +85	-40 to +85	For consumer electronics

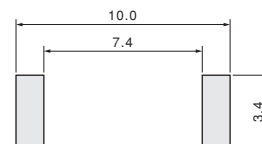
■ Standard Land Pattern Dimensions

PKLCS Series



(in mm)

PKMCS Series



(in mm)