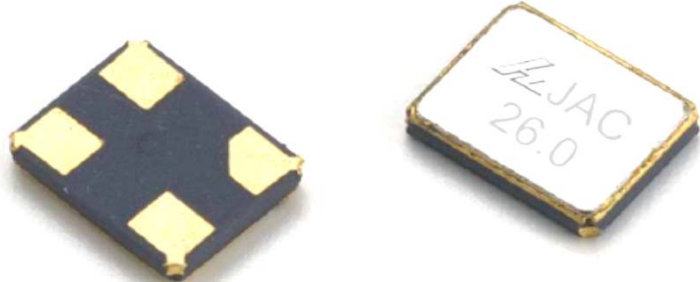


SMD TYPE CERAMIC (1.6 x 1.2)



Application of Crystal

- ▶ Radio communication
- ▶ TCXO
- ▶ Office automation equipment
- ▶ GPS
- ▶ Audio-visual equipment



Features

- ▶ Seam welding
- ▶ Excellent solderability
- ▶ Automatic and perfect packing due to emboss taping
- ▶ Excellent vibration resistance & shock resistance
- ▶ available
- ▶ Rohs compliant / Pb free



Electrical Specification

NO	Model	SMD TYPE CERAMIC (1.6 x 1.2) TYPE
1	Frequency Range	24.000 ~ 48.000 MHz
2	Frequency Tolerance at 25°C±2°C	±10 ~ ±50 ppm (TYP.)
3	Frequency Stability Over Oper Temp Range	±10 ~ ±50 ppm (TYP.)
4	Operating Temp Range	-10°C~ +60°C,-20°C~ +70°C or customer requirement
5	Load Capacitance	6 pF ~ 32 pF, series or special
6	Shunt Capacitance	7 pF Max.
7	Drive Level	0.1uW ~ 1000uW(TYP: 100uW)
8	Insulation Resistance	500MΩ min / DC 100V±15V
9	Oscillation Mode	Fundamental, 3rd & 5th overtone
10	Measure Instrument	S&A 250B
11	Aging Rate	±3ppm/year

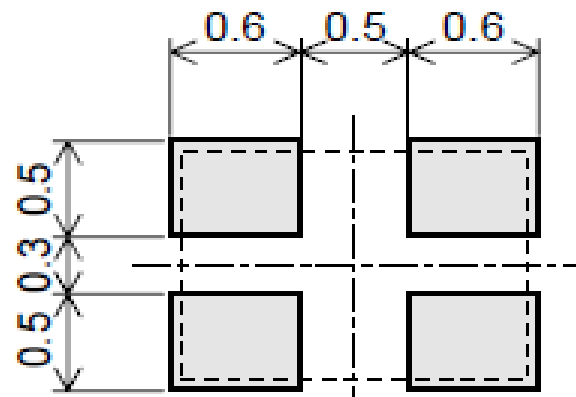
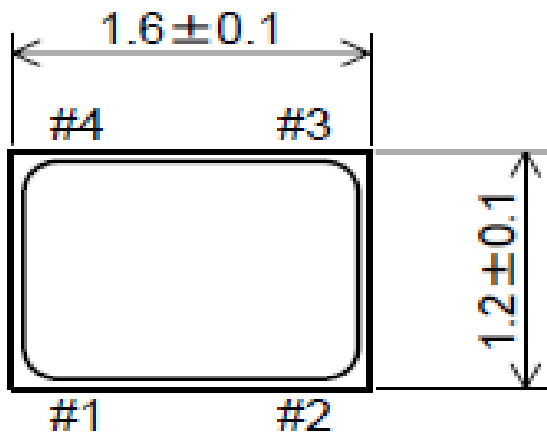
Equivalent Series Resistance(ESR) VS Frequency

NO	Frequency (MHz)	Fundamental	SMD TYPE CERAMIC (1.6x 1.2) TYPE
1	24.000 ~ 48.000	Fundamental	80Ω MAX

SMD TYPE CERAMIC (2 x 1.6)

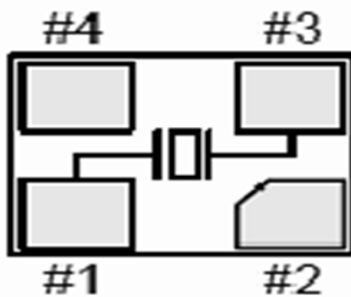


Dimensions (mm):



Land dimensions

Internal connection



#2 is connected to the metal lid (※1).
(Please connect to GND)
#4:NC

< Top view >

