

Cylinder Crystal (2X6) TYPE



Application of Crystal

- ▶ Radio communication
- ▶ MP3
- ▶ Office automation equipment
- ▶ Notebook
- ▶ Telephone



Features

- ▶ High stability assured with tight vacuum sealing
- ▶ High vibration and shock resistance
- ▶ Excellent environmental capability
- ▶ Low Cost
- ▶ available
- ▶ Rohs compliant / Pb free



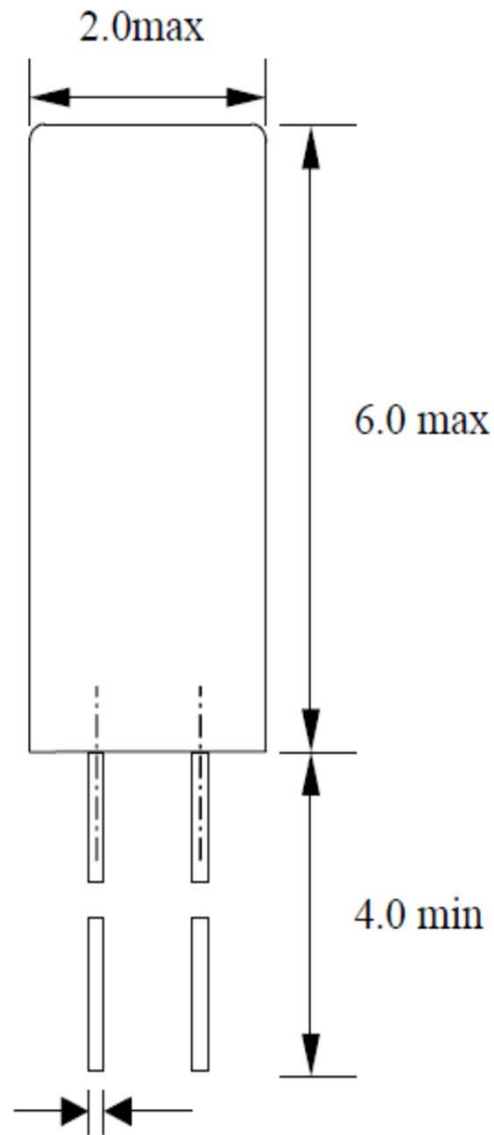
Electrical Specification

NO	Model	Cylinder Crystal (2X6) SIZE
1	Frequency Range	6.000 ~ 30.000 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 (2X6) Type
1	6.000~8.000	Fundamental	120Ω MAX
2	8.000~12.000	Fundamental	80Ω MAX
3	12.000~30.000	Fundamental	60Ω MAX

Dimensions (mm):



Recommended Land Pattern:

