

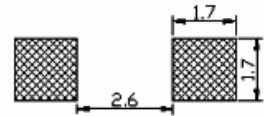
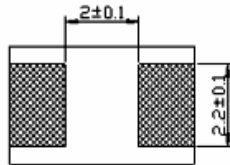
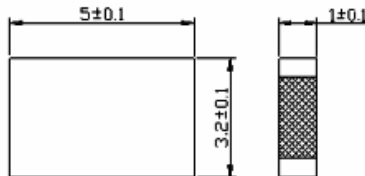
石英谐振器 (CRYSTAL)

CERAMIC SMD TYPE

Parameter	Specification
Frequency Range	10.000 - 50.000 MHz
Operation Mode	See Operation Mode and ESR Table
Load Capacitance (CL)	20pF Std., >10pF and Series available
Frequency Tolerance (at 25°C)	±30 ppm Std.
Temperature Tolerance	±50 ppm Std.
Operating Temperature	-10 to +60°C Std.
Storage Temperature	-40 to +85°C
Equivalent Series Resistance (ESR)	See Operation Mode and ESR Table
Shunt Capacitance (C0)	7.0pF max.
Drive Level	100 uW max.
Aging (at 25°C)	±5 ppm per year max.

OPERATION MODE AND ESR TABLE

Frequency (MHz)	Mode	ESR (Ohm) max.
10.000 - 14.999	Fundamental	70
15.000 - 19.999	Fundamental	60
20.000 - 34.999	Fundamental	50
> 35.000	3rd Overtone	80



Suggested Layout