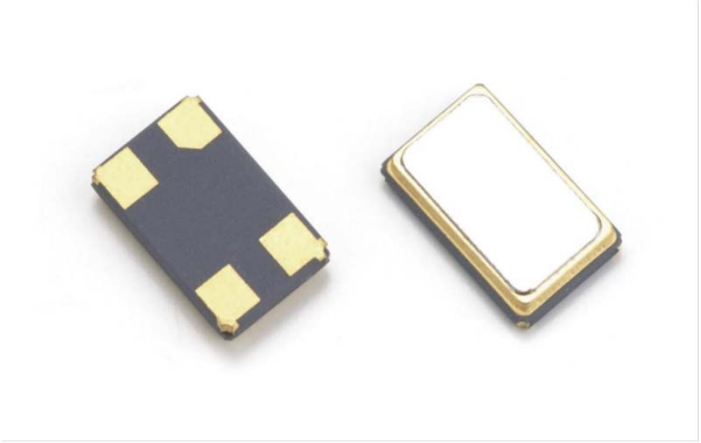
SMD TYPE CERAMIC (5x 3.2) TYPE

■ Application of Crystal

- ► Radio communication
- ► Blue tooth
- ► Office automation equipment
- ► Digital camera
- ► Wireless Lan



■ Features

- ► 1.1mm thickness is equal to SMD-type IC
- ► Excellent reliability and environment capability
- ► High-density mounting-type SMD
- ► Excellent vibration resistance & shock resistance
- ► available
- ► Rohs compliant / Pb free

RoHS

Electr ical Specification

NO	Model	SMD TYPE CERAMIC (5x 3.2) TYPE
1	Frequency Range	6.0 ~ 125.0 MHz
2	Frequency Tolerance at 25°C	±10 ~(-20°C~ +70°C); ±30 ~(-40°C~ +85°C)
3	Operating Temperature Range	-40°C~ +125°C
4	Storage Time Range	-55°C~ +125°C
5	Load Capacitance	6 pF ~ ∞
6	Shunt Capacitance	< 5 pf
7	Drive Level	10uW ~ 300uW
8	Insulation Resistance	500MΩ At DC 200V
9	Equivalent Series Resistance (ESR)	See Table
10	Measure Instrument	S&A 250B
11	Aging (Year)	±3ppm (year)

Equivalent Ser ies Resistance(ESR) VS Frequency

NO	Frequency (MHz)	Oscillation Mode	SMD TYPE CERAMIC (5x 3.2)TYPE
1	6.0 ~	Fundamental	500Ω MAX
2	6.0~20.0	Fundamental	80Ω MAX
3	20.0~40.0	Fundamental	40Ω MAX
4	40.0~80.0	3rd overtone	60Ω MAX

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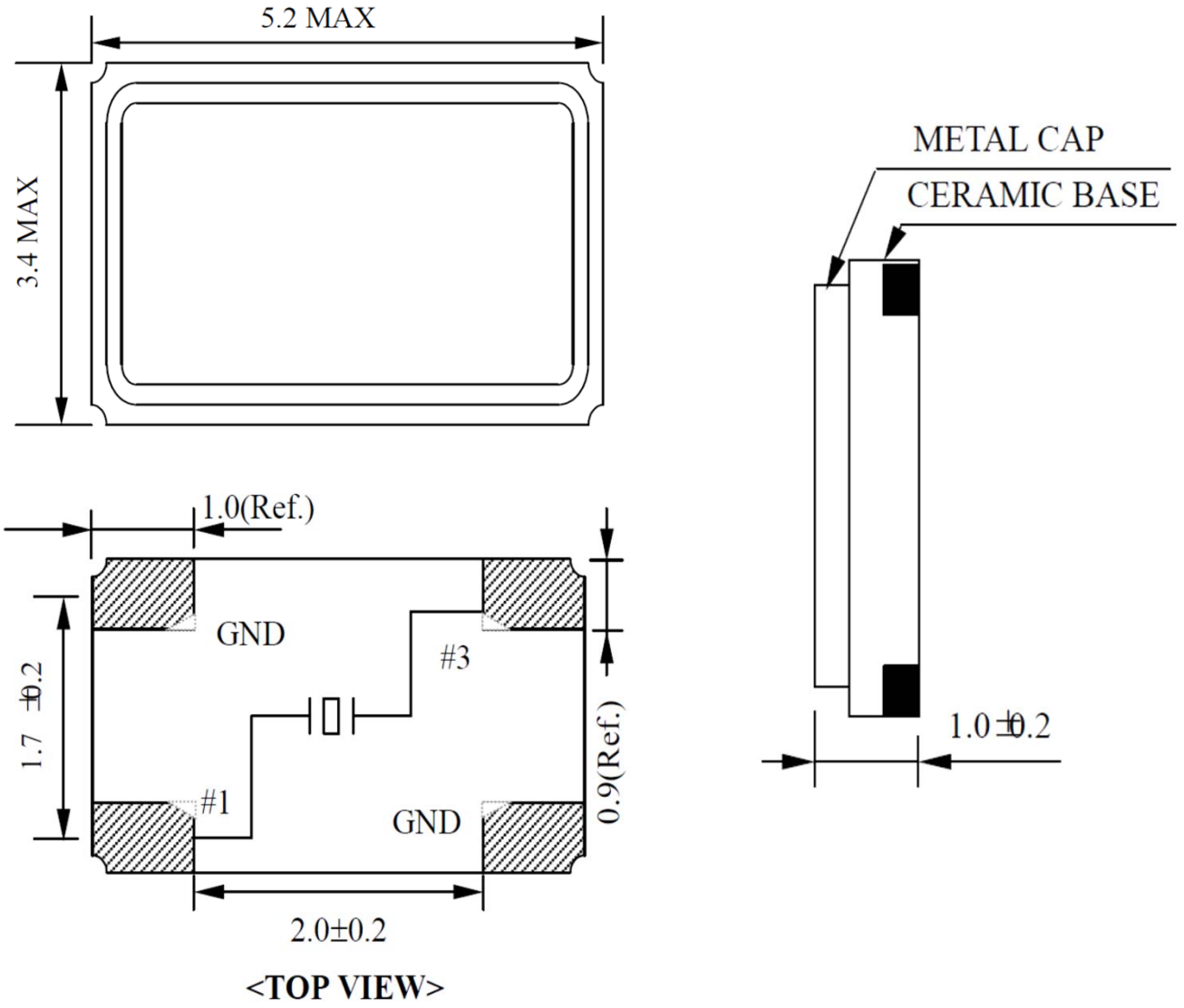
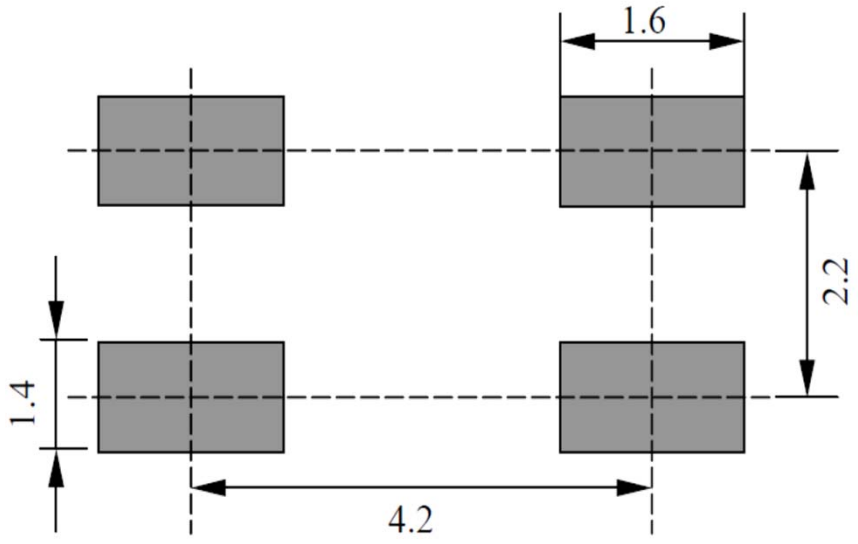
Dimensions (mm):



<TOP VIEW>

Recommended Land Pattern: