SMD CERAMIC (5x 3.2) 2P 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

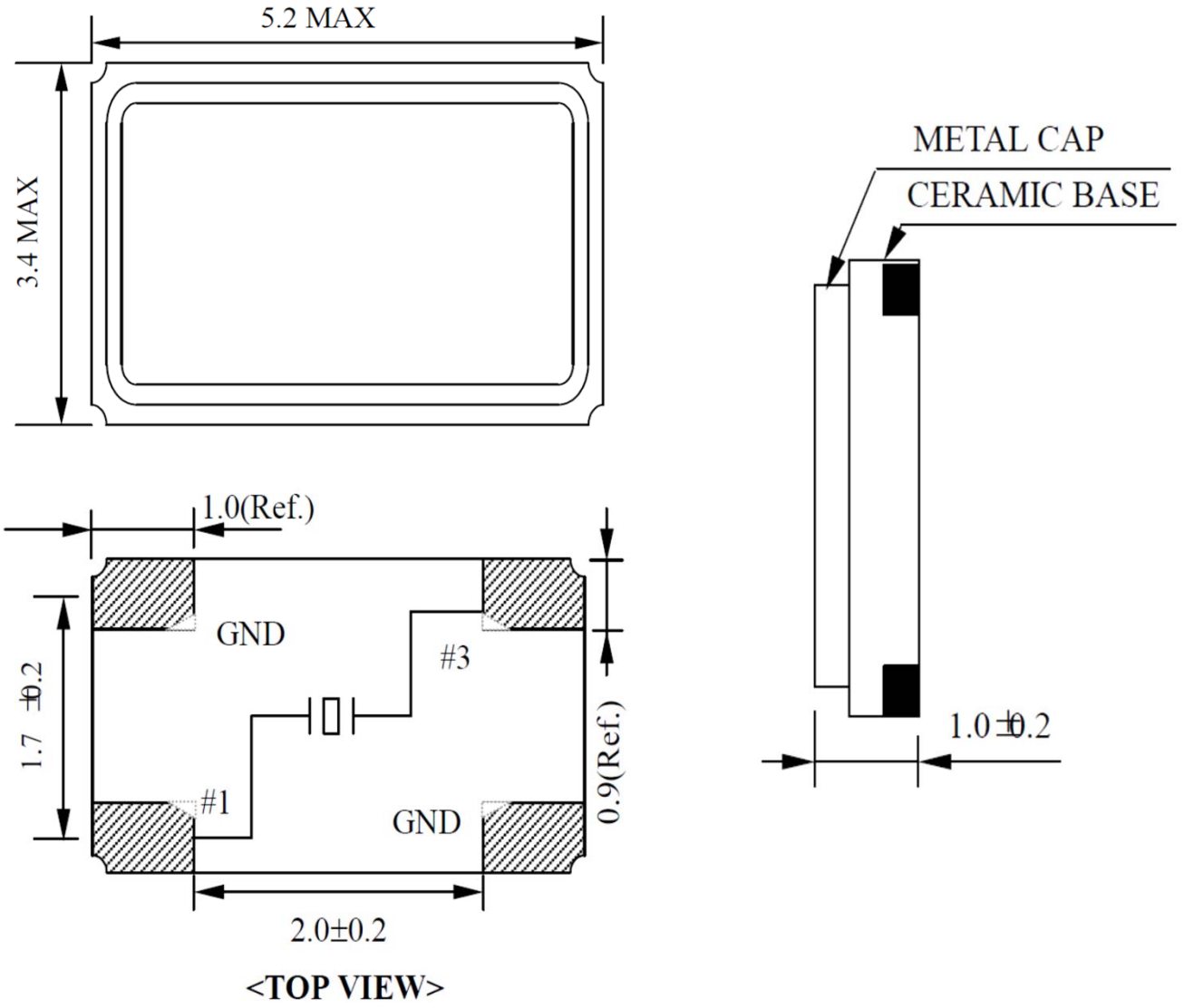
NO	Model	SMD CERAMIC (5x 3.2) 2P TYPE
1	Frequency Range	8.0 ~ 60 MHz
2	Frequency Tolerance at 25°C±2°C	±5 ~ ±30 ppm ,or Specify
3	Frequency Stability Over Operating Range	±10 (-20~ +70°C) ; ±30 (-40~ +85°C)
4	Operating Temp Range	-40°C~ +125°
5	Load Capacitance	6 pF ~ ∞
6	Shunt Capacitance	< 5pf
7	Drive 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 Rate	±3ppm/year

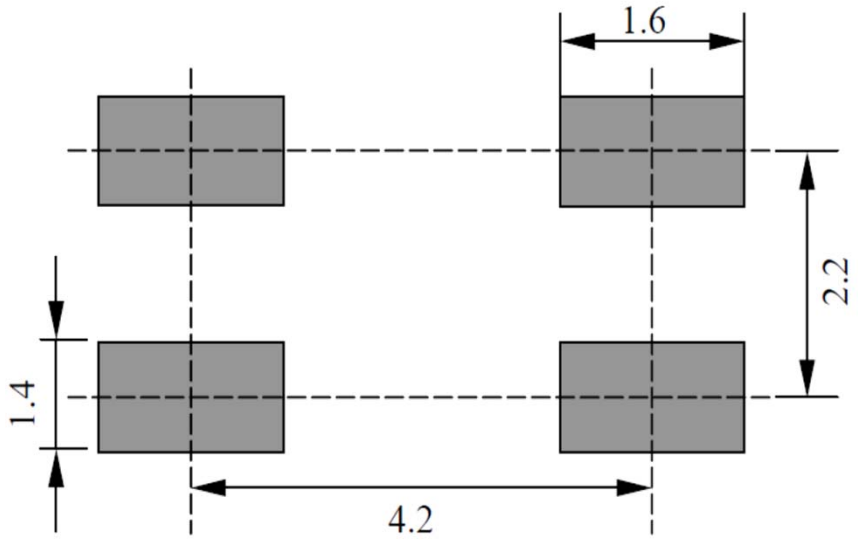
Equivalent Ser ies Resistance(ESR) VS Frequency

NO	Frequency (MHz)	Oscillation Mode	SMD CERAMIC (5x 3.2) 2P TYPE
1	6.0 ~20.0	Fundamental	200Ω MAX
2	20.0~40.0	Fundamental	150Ω MAX
3	40.0~80.0	3rd overtone	60Ω MAX

SMD CERAMIC (5x 3.2) 2P SIZE

Dimensions (mm):



<TOP VIEW>

Recommended Land Pattern: