

Crystal Unit

SMD2016



Applications

- OA / AV Equipment / Bluetooth / Wireless LAN

Features

- Ultra thin / Dimensions (2.0×1.6×0.55)
- Ceramic Package
- High Reliability and High Stability



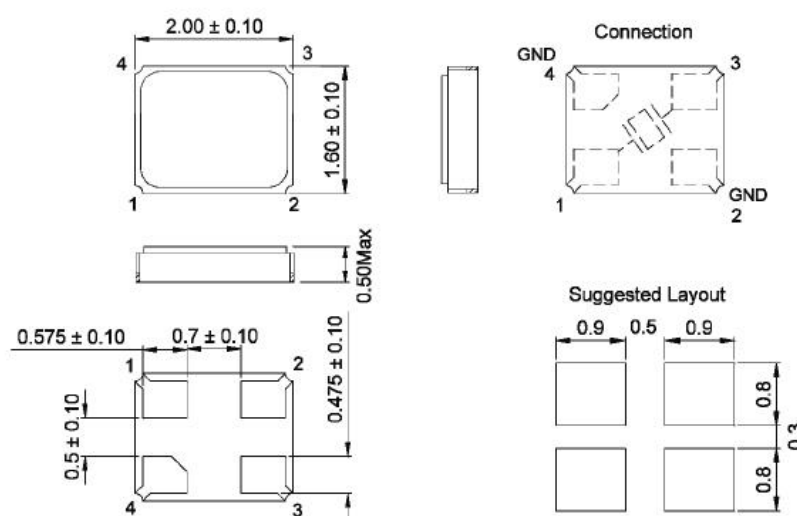
Electrical Specifications

Item / Type	
Frequency Range	16 ~ 54 MHz
Frequency Tolerance (at 25 °C)	± 10 ppm, ± 20 ppm, or specify
Frequency Stability Over Operating Temperature Range	± 10 ppm, ± 20 ppm, or specify
Operating Temperature Range	-10 ~ + 70 °C, or specify
Shunt Capacitance (C0)	3 pF Max.
Drive Level	1 ~ 200 μW (50 μW typical)
Load Capacitance	8 pF, 10 pF, 12 pF, or specify
Aging (at 25 °C)	± 3 ppm / year Max.
Storage Temperature Range	- 40 ~ + 85 °C

Equivalent Series Resistance(ESR)

Fundamental	
16 ~ 19.2 MHz	200 Ω Max.
19.2 ~ 30 MHz	100 Ω Max.
30 ~ 54 MHz	80 Ω Max.

Dimensions



Units: mm