

4.0 X 2.5mm SMD Crystal

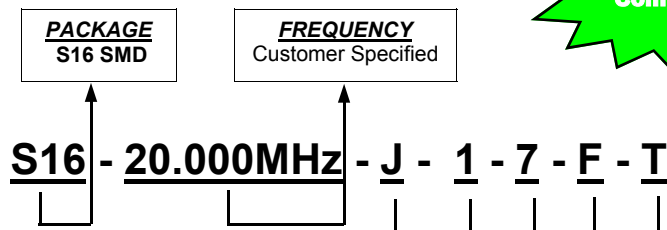
S16 Series



Features of the S16 series Crystal:

- RoHS compliant (Pb free)
- Small package (4.0 x 2.5 x 0.75mm)
- Performance optimized for mobile phones & Bluetooth applications

Part Number Guide

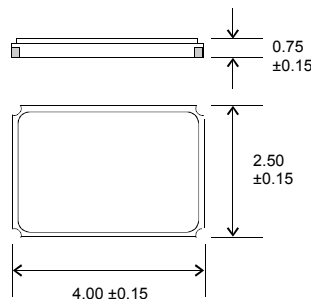
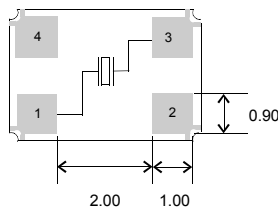


TOLERANCE/STABILITY vs. TEMP J ... Production Specified (see table below)	OPERATING TEMPERATURE 1.... 0°C to +70°C 5.... Customer Specified	LOAD CAPACITANCE 7.... 10 pF X ... Customer Specified	MODE OF OPERATION F Fundamental	OPTIONS T.... Tape & Reel R ... RoHS Compliant
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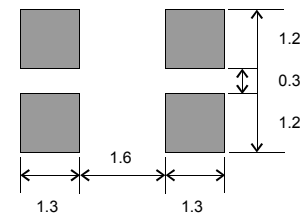
Electrical Specifications

Frequency Range	12.000 MHz ~ 40.000 MHz
Standard Frequencies	13.000MHz, 16.000MHz, 26.000MHz & 32.000MHz
Mode	Fundamental, AT cut
Frequency Tolerance	±10ppm Min ~ ±30ppm Max (±15ppm typical) @ 25°C
Temperature Tolerance	±10 ~ ±30ppm (-10°C to +70°C Ref. to 25°C)
Storage Temperature	-40°C ~ +85°C
ESR	12.0MHz ~ 19.999MHz > 80Ω Max 20.0MHz ~ 25.999MHz > 70Ω Max 26.0MHz ~ 40.0MHz > 50Ω Max
Shunt Capacitance	3pF Max.
Load Capacitance	8pF Min to 12pF Max
Drive Level	10μW ~ 300μW , 100μW Typical
Aging	±2ppm Max. (25°C ±3°C)/ (1 st year)

Mechanical Specifications



Land Pattern



Unit : mm



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