



2.5 x 2.0mm SMD Crystal Resonator

Pb-Free & RoHS Compliant

Standard Specifications

Parameter	Condition	Specification
Frequency Range (MHz)		16.00 ~ 50.00
Frequency Tolerance	at 25°C	±10PPM ~ ±50PPM
Frequency Stability	Over Operating Temp. Range	±10PPM ~ ±50PPM
Operating Temperature Range		-10°C to +60°C
Storage Temperature Range		-40°C to +85°C
Drive-Level		0.1mW Max.
Shunt Capacitance (C ₀)		7.0pF Max.
Ageing	per year at 25°C	±2.0PPM

ESR vs Frequency Range

Frequency Range (MHz)	Oscillation Mode	Max. ESR
16.000 ~ 19.999	Fundamental	100 Ω
20.000 ~ 29.999	Fundamental	80 Ω
30.000 ~ 50.000	Fundamental	60 Ω

Dimensions (mm)

