

Φ2 x 6mm SMD Crystal

Feature

- Small size Φ2 x 6mm
- Wide frequency range: 30kHz~350kHz
- High reliability and high frequency stability
- Suited for automatic mounting and reflow soldering
- Environmentally friendly products, RoHS certified



Electrical Specifications

Item	Specifications
Frequency Range (kHz)	30~40 40~60 60~70 70~200 200~350
Load Capacitance (CL)	6~12.5pF, or specify
Frequency Tolerance(at 25°C)	±5ppm ~ ±100ppm
Operating Temperature Range	-20~+70°C or specify
Turnover Temperature	25 ± 5°C
Frequency Temperature Curve	$(-0.035 \pm 10\%) \times 10^{-6} / ^\circ\text{C}^2$
Equivalent Series Resistance (ESR) Max.	40kΩ 30kΩ 25kΩ 22kΩ 20kΩ
Driver Level (Typical)	0.1μW
Driver Level(Max)	1μW
Shunt Capacitance (C ₀)	1.45 pF Typ.
Insulation Resistance	More than 500Mohms at DC100V
Storage Temperature Range	-40°C~+85°C
Aging @25 °C 1st Year (Max)	±5 ppm/year

Dimension(mm)

