

6.9 x 1.4 x 1.3 mm SMD Package

Feature

- Ultra small size 6.9x1.4x1.3 mm
- High reliability environmental performance
- High frequency stability and high precision
- Designed for automatic mounting and reflow soldering
- RoHS Compliant / Pb Free



Electrical Specifications

Item	Specifications
Frequency	32.768kHz
Load Capacitance (CL)	6pF, 7pF, 9pF, 12.5pF
Frequency Tolerance(at 25°C)	±5ppm, ±10ppm, ±20ppm
Operating Temperature Range	-40~+85°C
Turnover Temperature	25 ± 5°C
Frequency Temperature Curve	$(-0.033 \pm 10\%) \times 10^{-6} / ^\circ\text{C}^2$
Equivalent Series Resistance (ESR) max.	65kΩ
Drive Level (Typical)	0.1μW
Drive Level(Max)	1μW
Shunt Capacitance(C ₀)	0.9pF Typ.
Insulation Resistance	More than 500Mohms at DC100V
Storage Temperature Range	-55°C~+125°C
Aging @25 °C 1st Year (Max)	±3ppm/year

Dimension(mm)

