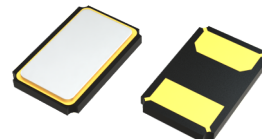


2.0 x 1.2 x 0.6 mm SMD Package

For Automotive

Feature

- Ultra small size 2.0*1.2*0.6 mm
- High reliability environmental performance
- Designed for automatic mounting and reflow soldering
- RoHS Compliant / Pb Free
- Conforms to AEC-Q200



Electrical Specifications

Item	Specifications
Frequency	32.768kHz
Load Capacitance (CL)	6pF, 7pF, 9pF, 12.5pF
Frequency Tolerance(at 25°C)	±20ppm
Operating Temperature Range	-40~+85°C, -40~+125°C
Turnover Temperature	25 ± 5°C
Frequency Temperature Curve	$(-0.030 \pm 10\%) \times 10^{-6} / ^\circ\text{C}^2$
Equivalent Series Resistance (ESR) max.	120kΩ
Drive Level (Typical)	0.1μW
Drive Level(Max)	1.0μW
Shunt Capacitance(C ₀)	1.3pF 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)

