

KHz Crystal (SMD)

1.1 SMD8038

Metal Can Type Crystals M8 Series



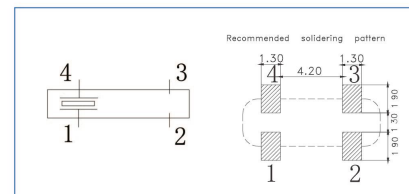
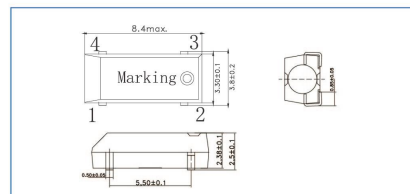
FEATURES

- Size: 8.0*3.8*2.5 mm
- Reflow resistance type crystal units
- Lower cost and highly mass production capability
- RoHS Compliant/Pb Free

TYPICAL APPLICATION

- The best choice of Notebook Computer
TV, STB, LCDM and Cable Modem

DIMENSIONS



ELECTRICAL SPECIFICATION

Item/Type	SMD8038
Frequency Range	32.768KHz
Frequency Tolerance (at 25°C)	±20ppm, or specify
Operating Temperature Range	-40 ~ +85°C
Shunt Capacitance (C ₀)	2.0pF Max.
Drive Level	1.0μW typical
Load Capacitance	Series, 7pF, 9pF, 12.5pF, or specify
Aging (at 25°C)	±5 ppm First year Max.
Storage Temperature Range	-55 ~ +125°C
Turnover Temperature	25±5°C
Temperature Coefficient	(-0.036±0.005) ppm/°C ²
Insulation Resistance	500MΩ@DC 100±10V

EQUIVALENT SERIES RESISTANCE(ESR)

Frequency	Resistance
32.768KHz	50KΩ Max.