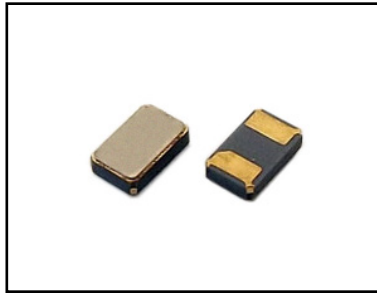


FMXMC12S SERIES

Microprocessor Crystals

CERAMIC SMD 2x1.2



- Surface Mount Ceramic Pkg.
- Micro 2 x 1.2 / Ultra Thin
- 32.768 kHz
- Tight Stability



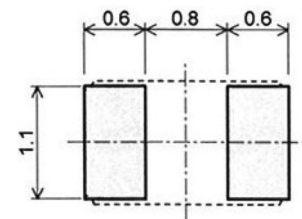
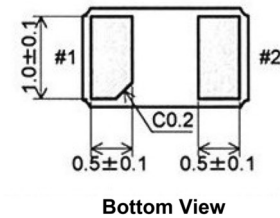
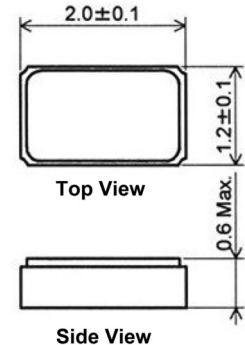
SPECIFICATIONS

Issue 1 - 05222012

Parameter	Specification
Frequency	32.768 kHz
Load Capacitance (CL)	9.0 pF or 12.5 pF
Frequency Tolerance	±20 ppm or ±50 @ 25°C
Turnover Temperature	+25°C ppm ±5°C
Temperature Coefficient	(-3.5 ±1.0) X 10 ⁻⁹ /°C ²
Operating Temperature	-40 to +85°C
Equivalent Series Resistance (ESR)	90 KΩ max
Drive Level	0.1 μW typical, 0.5 μW max
Aging @ +25°C	±5 ppm per year max
Reflow Conditions	+260°C ±10°C for 10 sec max, 2 reflows max

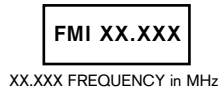
All specifications subject to change without notice.

2 x 1.2 CERAMIC SMD

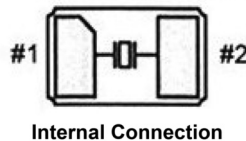


Reccomended Land Pattern

STANDARD MARKING



XX.XXX FREQUENCY in MHz



Internal Connection

NOTE: Standard Specifications for product indicated in color

Dimensions: millimeters

PART DESCRIPTION SYSTEM

