

SERIES 1Y-12, SEAM SEALED CERAMIC 3.2X2.5MM SURFACE MOUNT PACKAGE

Approved by:
Checked by:
Issued by:

SPECIFICATION

P/N: WMN-1Y-12

SERIES 1Y-12 , SEAM SEALED CERAMIC 3.2X2.5MM SURFACE MOUNT

PACKAGE FEATURE

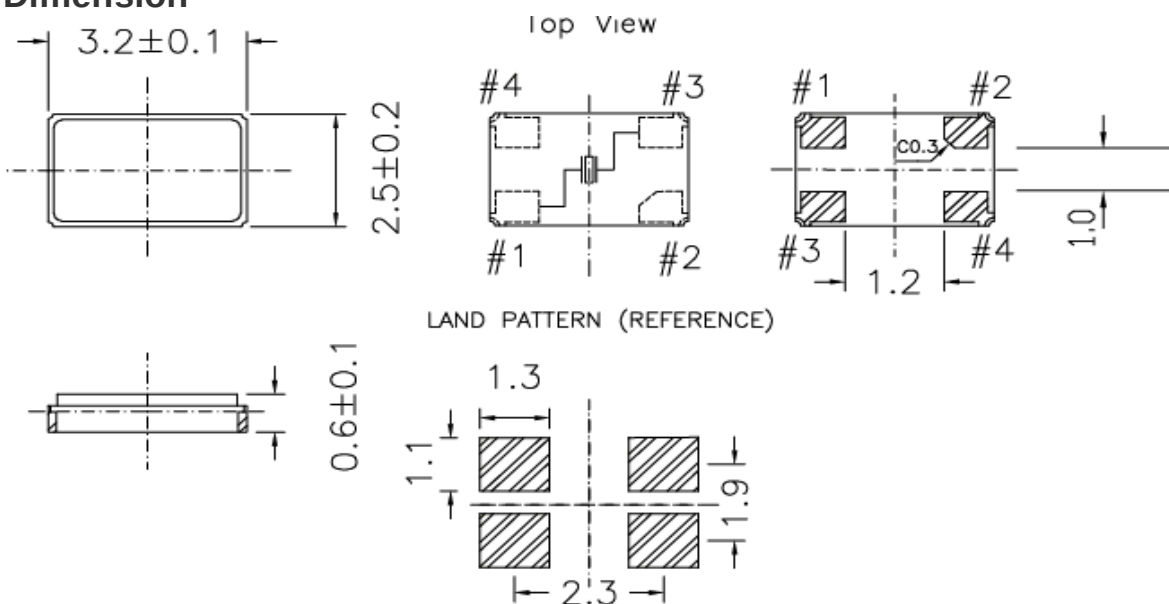
- I Ultra thin, thickness 1.0mm
- I High precision characteristic covering up to high frequency range
- I Designed for automatic mounting and reflow soldering
- I Embossed tapping specification
- I The best choice of Bluetooth wireless communication sets, DSN, PDA and mobile phone
- I Lead-Free / RoHS compliant product

ELECTRICAL SPECIFICATIONS

Output Frequency Range	12.000 MHz
Mode	AT/Fundamental
Frequency Tolerance (at 25°C)	±20ppm
Frequency Stability Over Operating Temperature Characteristics	±30ppm
Operating Temperature Range	-40 °C to +85 °C
Storage Temperature Range	-40 °C to +85 °C
Shunt Capacitance (C ₀)	5.0 pF Max
Driver Level	300μW
Load Capacitance(C _L)	18pF
Equivalent Series Resistance ESR	120Ω Max
Aging @25°C 1 st year (Max)	±2ppm/year
Shock Resistance	Drop test of 3 times on 2mm stainless plate from 75cm height

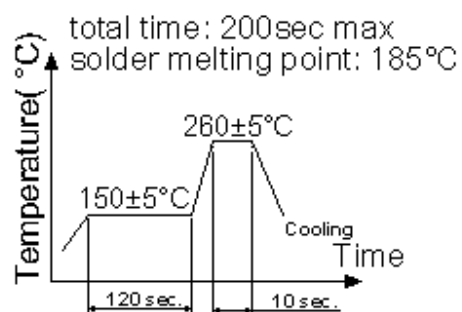
REMARK: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. PLEASE CONFIRM WITH OUR SALES ENGINEER.

Dimension



The design, manufacturing process, and specifications of this device are subject to change without notice.

SERIES 1Y-12, SEAM SEALED CERAMIC 3.2X2.5MM SURFACE MOUNT
PACKAGE Reflow Condition



Packing

