

SURFACE MOUNT PACKAGE FOR TUNING FORK 32.768KHz

Approved by:
Checked by:
Issued by:

SPECIFICATION

P/N:

WMN-90H-32

FEATURES

- I Tuning fork crystal with ceramic packaged type I Small size
- I Hi density SMD type
- I Complete Pb free product

APPLICATIONS

- I Small communication devices

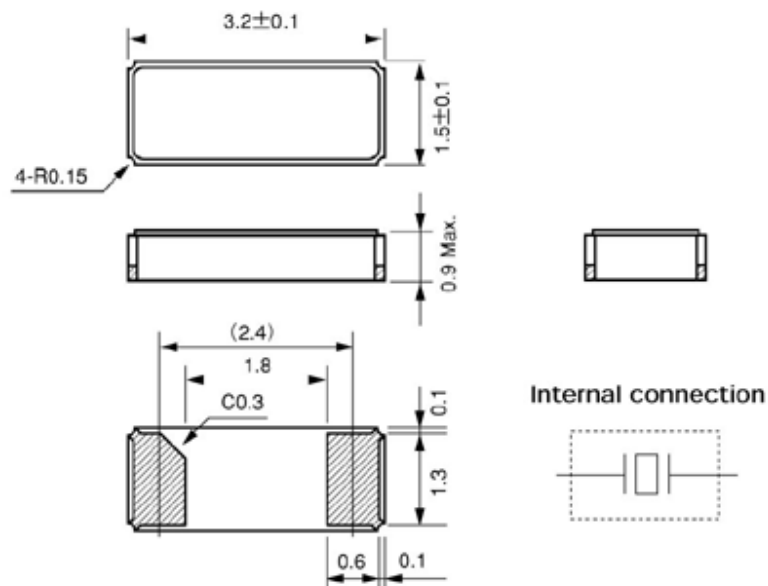
ELECTRICAL SPECIFICATIONS

Frequency	32.768KHz
Frequency Tolerance (at 25°C)	±20ppm
ESR	70Kohm Max
Turnover Temperature	25 ± 5°C
Frequency Temperature Curve	-0.034(±0.006)ppm/°C ²
Storage Temperature Range	-55 °C to +125 °C
Operable Temperature Range	-40 °C to + 85 °C
Shunt Capacitance (C0)	1.05pF Typ
Dynamic Capacitance (C1)	3.4fF Typ.
Driver Level (Typical)	1 μW Max
Load Capacitance(C _L)	9.0pF
Aging @25°C 1 st year (Max)	±3ppm/year

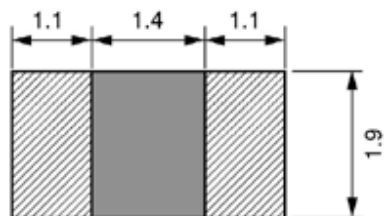
REMARK: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. PLEASE CONFIRM WITH OUR SALES ENGINEER.

PACKING AND DIMENSIONS

Dimensions (Unit: mm)



Recommended Solder Pad Layout (Unit: mm)



* Don't design any patterns on shaded area