

B3 Type

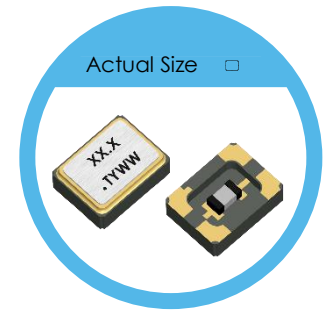
1.65 x 1.25 mm SMD Thermistor Crystal

FEATURES

- Typical 1.65 x 1.25 x 0.65 mm ultra thin ceramic package.
- 8 mm width Tape & Reel package for automatic assembly.
- Tight tolerance 10 ppm available.

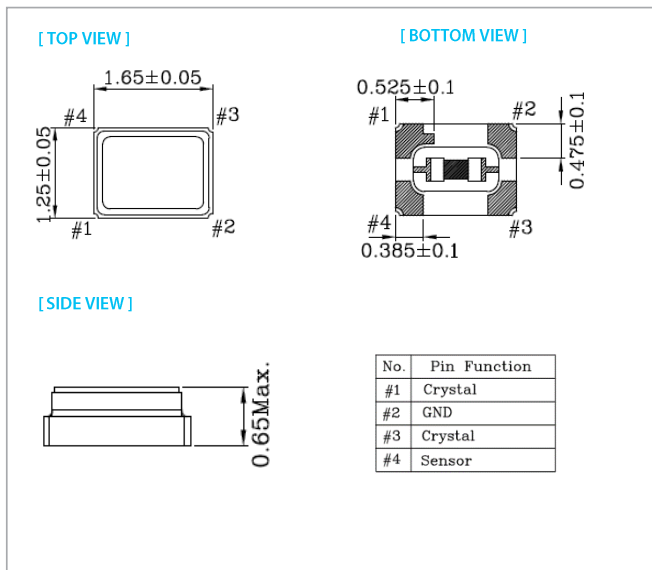
TYPICAL APPLICATION

- Mobile Communication.
- IoT & Wireless Connectivity.
- Wearables.

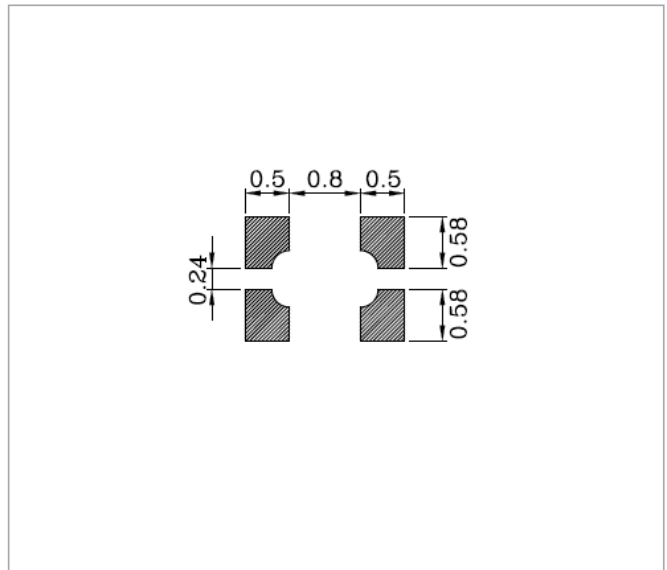


RoHS Compliant

DIMENSION (mm)



SOLDER PAD LAYOUT (mm)



ELECTRICAL SPECIFICATION

Parameter	Min.	Typical	Max.	Unit
Storage Temp. Range	-40	-	105	°C
Standard Frequency		38.4, 76.8		MHz
Level of Drive	-	10	250	μ W
Shunt Capacitance (C0)	-	-	3.0	pF
Insulation Resistance	500M Ω @ DC100V	-	-	
Aging		±3.0		ppm/year
Thermistor Resistance (25 °C)		100		KΩ
B-Constant (25-50 °C)		4250		K

Standard frequencies are frequencies which the crystal has been designed and does not imply a stock position.

EQUIVALENT SERIES RESISTANCE (E. S. R.)

Frequency Range	MODE	E.S.R.
38.4 MHz ≤ Fo < 60 MHz	A1	<50 Ω
60 MHz ≤ Fo ≤ 76.8 MHz	A1	<30 Ω

FREQ. STABILITY vs. TEMP. RANGE

Temp.(°C)	± 10	±15	±20
-30 ~ +85	X	○	○
-40 ~ +85	X	○	○

* ○: Available △: Conditional X: Not available

Note: not all combination of options are available. Other specifications may be available upon request.
 Specifications subject to change without notice.