

THERMISTOR CRYSTAL UNIT IN SMD 2.0x1.6mm CERAMIC SEAM SEAL PACKAGE.

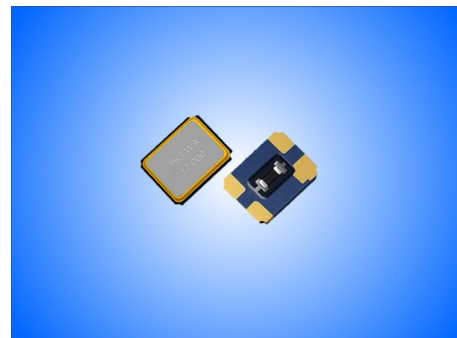
PRODUCT FEATURES

- Ultra-miniature unit dimensions 2.0x1.6x0.45 with 4 pads.
- Highly reliable vacuum seam sealed ceramic package.
- Tight tolerances and stabilities over temperature range.
- RoHS compliant, LEAD-FREE and HALOGEN-FREE.

APPLICATIONS

- 5G communication
- Mobil communication

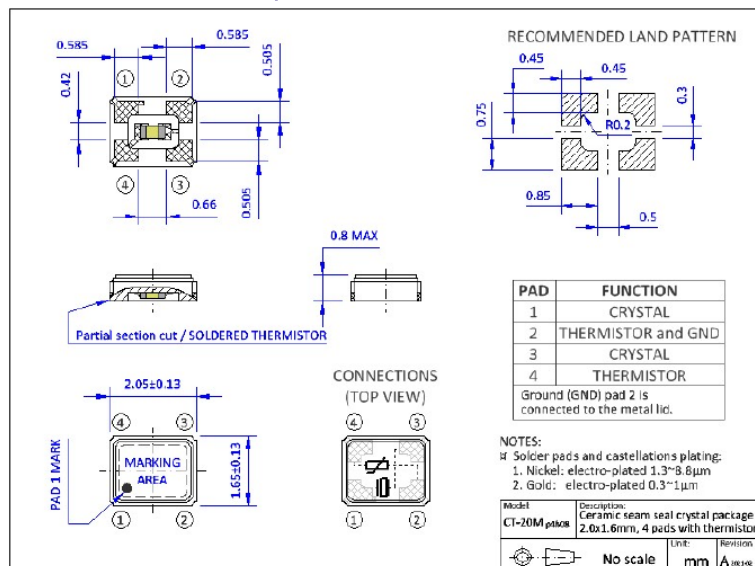
PRODUCT PHOTO (NOT IN SCALE)



PRODUCT SPECIFICATIONS

PARAMETER	XT21M4		CONDITIONS / REMARKS
Nominal frequency range	19.200 ~ 54.000MHz		--
Crystal cut and mode	AT-cut / Fundamental		--
Frequency tolerance	±7pm / ±10ppm / ±12ppm		Other options available.
Frequency stability	±10ppm	±12ppm	Other options available.
Operating temperature range	-20 to +70°C	-30 to +85°C	Other options available.
Equivalent series resistance	<100Ω		19.200 to 30.000MHz
	<80Ω		30.001 to 54.000MHz
Load capacitance	7pF, 8pF, 10pF, 12pF		Please specify.
Shunt capacitance	<3.0pF		--
Drive level	10μW TYP / 200μW MAX		--
Thermistance	100kΩ±1%		
Thermistance β-constant	4250kΩ		
Storage temperature range	-55 to +125°C		--

PACKAGE OUTLINE / DIMENSIONS



PACKAGING INFORMATION

- Tape & Reel compliant to EIA-481.
- Embossed carrier width 8mm.
- Component pitch in carrier 4mm.
- Reel diameter 180mm.
- QTY per reel: 3,000pcs MAX.

RECOMMENDED REFLOW PROFILE

