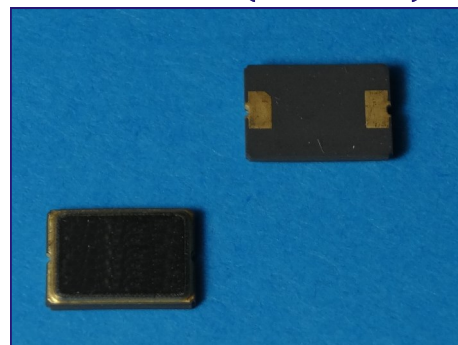


**QUARTZ CRYSTAL UNIT IN SMD 7.0x5.0MM CERAMIC SEAM SEAL PACKAGE.**
**PRODUCT FEATURES**

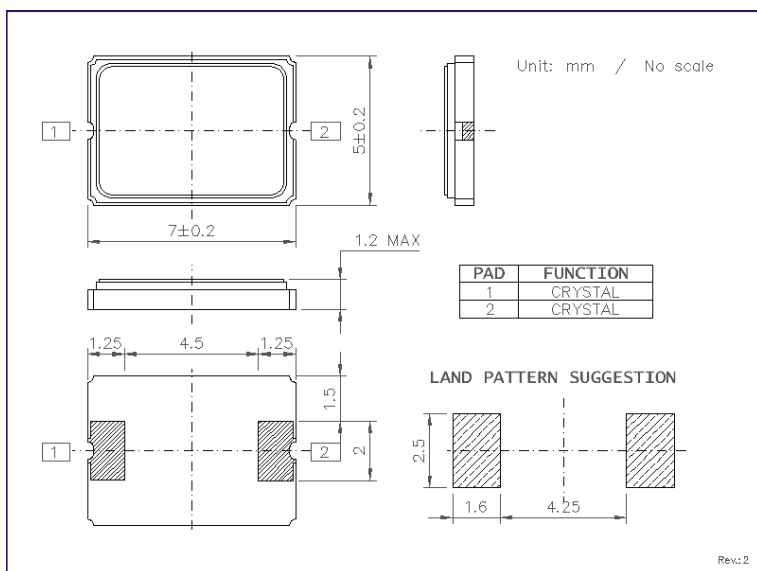
- Dimensions 7.0x5.0x1.0 with 2 solder pads.
- Highly reliable seam sealed ceramic package.
- Tight tolerances and stabilities over temperature range.
- Automotive compliance to AEC-Q200 available.
- RoHS compliant, LEAD-FREE and HALOGEN-FREE.

**PRODUCT PHOTO (NOT IN SCALE)**

**APPLICATIONS**

- wireless LAN
- Bluetooth
- Mobil communication
- Handheld equipment

**PRODUCT SPECIFICATIONS**

PARAMETER	0175M2		CONDITIONS / REMARKS	
Nominal frequency range	6.0 ~ 100.0MHz		Fundamental up to 55MHz and 3rd overtone available.	
Crystal cut and mode	AT-cut / FUND & 3rd OT			
Frequency tolerance	±10ppm / ±20ppm / ±30ppm		Other options available.	
Frequency stability	±10ppm	±15ppm	Other options available.	
Operating temperature range	-20 to +70°C	-30 to +85°C	Other options available.	
Equivalent series resistance	<b>FUND</b>	<b>ESR</b>	<b>3rd OT</b>	<b>ESR</b>
	6.0 to 8.0MHz	<80Ω	40.0 to 84.0MHz	<80Ω
	8.0 to 10.0MHz	<70Ω	84.0 to 100.0MHz	<60Ω
	10.0 to 16.0MHz	<50Ω		
16.0 to 55.0MHz	<40Ω			
Load capacitance	6 ~ 32pF or SERIES		Please specify.	
Shunt capacitance	<6pF			
Drive level	100μW TYP / 500μW MAX			
Storage temperature range	-55 to +125°C			

**PACKAGE OUTLINE / DIMENSIONS**

**PACKAGING INFORMATION**

- Tape & Reel compliant to EIA-481.
- Embossed carrier width 16mm.
- Component pitch in carrier 8mm.
- Reel diameter 180mm.
- QTY per reel: 1,000pcs MAX.

**RECOMMENDED REFLOW PROFILE**
