



Hang Crystal International

QUARTZ CRYSTAL UNIT

0175M4

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

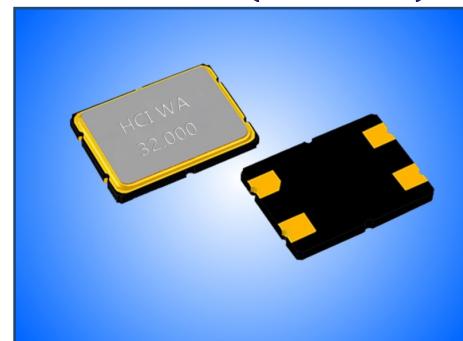
PRODUCT FEATURES

- Dimensions 7.0x5.0x1.0 / 4 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.

APPLICATIONS

- Wireless LAN
- Bluetooth
- Mobil communication
- Handheld equipment

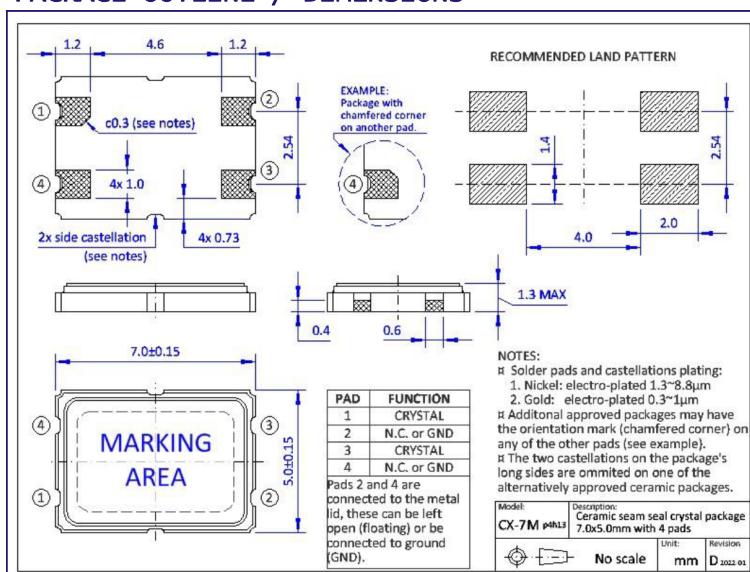
PRODUCT PHOTO (NOT IN SCALE)



PRODUCT SPECIFICATIONS

PARAMETER	0175M4			CONDITIONS / REMARKS
Nominal frequency range	6.000 ~ 100.000MHz			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	FUND	ESR	3rd OT	ESR
	6.0 to 8.0MHz	<100Ω	40.0 to 84.0MHz	<80Ω
	8.1 to 10.0MHz	<80Ω	84.1 to 100.0MHz	<60Ω
	10.1 to 16.0MHz	<50Ω		
	16.1 to 55.0MHz	<40Ω		
Load capacitance	6 ~ 32pF or SERIES			Please specify.
Shunt capacitance	<6.0pF			--
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

