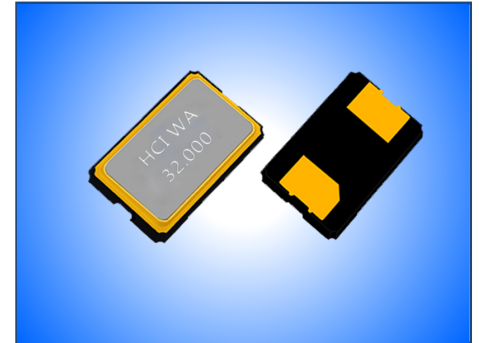


QUARTZ CRYSTAL UNIT IN SMD 5.0x3.2MM CERAMIC SEAM SEAL PACKAGE.
PRODUCT FEATURES

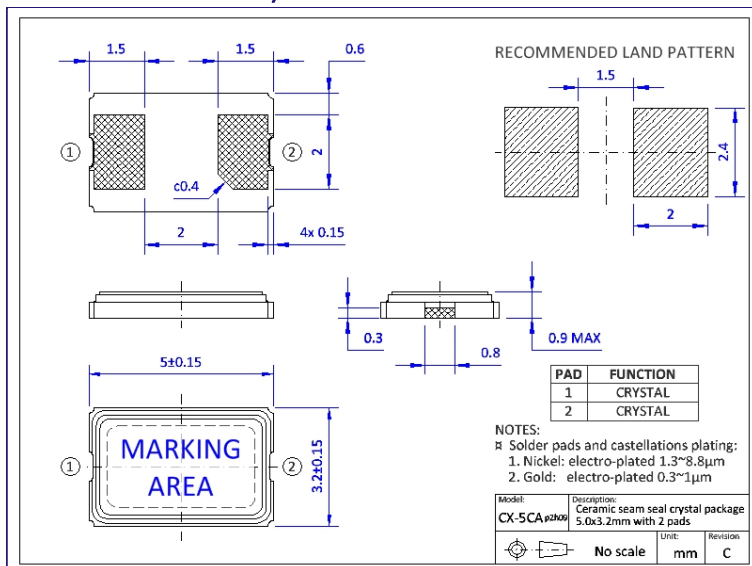
- Small dimensions 5.0x3.2x0.7 with 2 solder pads.
- Highly reliable seam sealed ceramic package.
- Tight tolerances and stabilities over temperature range.
- RoHS compliant, LEAD-FREE and HALOGEN-FREE.

PRODUCT PHOTO (NOT IN SCALE)

APPLICATIONS

- Wireless LAN
- Bluetooth
- Mobil communication
- Handheld equipment

PRODUCT SPECIFICATIONS

PARAMETER	XC53M	CONDITIONS / REMARKS
Nominal frequency range	8.000 ~ 55.000MHz	--
Crystal cut and mode	AT-cut / Fundamental	--
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	<80Ω	8.000 to 9.999MHz
	<70Ω	10.000 to 11.999MHz
	<60 ~ 50Ω	12.000 to 19.999MHz
	<50 ~ 40Ω	20.000 to 55.000MHz
Load capacitance	6 ~ 32pF or SERIES	Please specify.
Shunt capacitance	<5.0pF	--
Drive level	100μW TYP / 300μW MAX	--
Storage temperature range	-55 to +125°C	--

PACKAGE OUTLINE / DIMENSIONS

PACKAGING INFORMATION

- Tape & Reel compliant to EIA-481.
- Embossed carrier width 12mm.
- Component pitch in carrier 8mm.
- Reel diameter 180mm.
- QTY per reel: 1,000pcs MAX.

RECOMMENDED REFLOW PROFILE
