

XC53M4

QUARTZ CRYSTAL UNIT IN SMD 5.0x3.2mm CERAMIC SEAM SEAL PACKAGE.

PRODUCT FEATURES

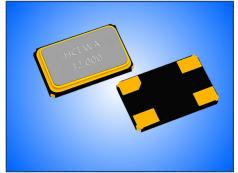
- Small dimensions 5.0x3.2x0.7 with 4 solder pads.
- Highly reliable seam sealed ceramic package.
- Tight tolerances and stabilities over temperature range.
- Automotive compliance to AEC-Q200 available.
- ROHS compliant, LEAD-FREE and HALOGEN-FREE.

APPLICATIONS

• Wireless LAN

- Mobil communication
- Bluetooth Handheld equipment

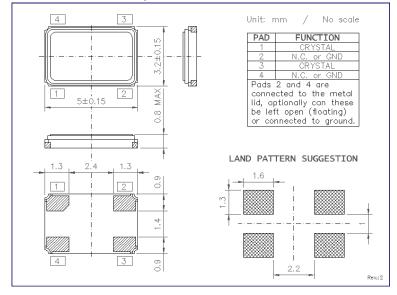
PRODUCT PHOTO (NOT IN SCALE)



PRODUCT SPECIFICATIONS

PARAMETER	XC53M4		CONDITIONS / REMARKS
Nominal frequency range	8.000 ~ 55.000мHz		
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	<		8.000 to 9.999MHz
			10.000 to 11.999MHz
			12.000 to 19.999MHz
			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

