

QUARTZ CRYSTAL UNIT IN SMD 1.0x0.8MM CERAMIC SEAM SEAL PACKAGE.

PRODUCT FEATURES

- Ultra-miniature unit dimensions 1.0x0.8x0.32 with 4 pads.
- Highly reliable vacuum seam sealed ceramic package.
- Tight tolerances and stabilities over temperature range.
- ROHS compliant, LEAD-FREE and HALOGEN-FREE.

PRODUCT PHOTO (NOT IN SCALE)



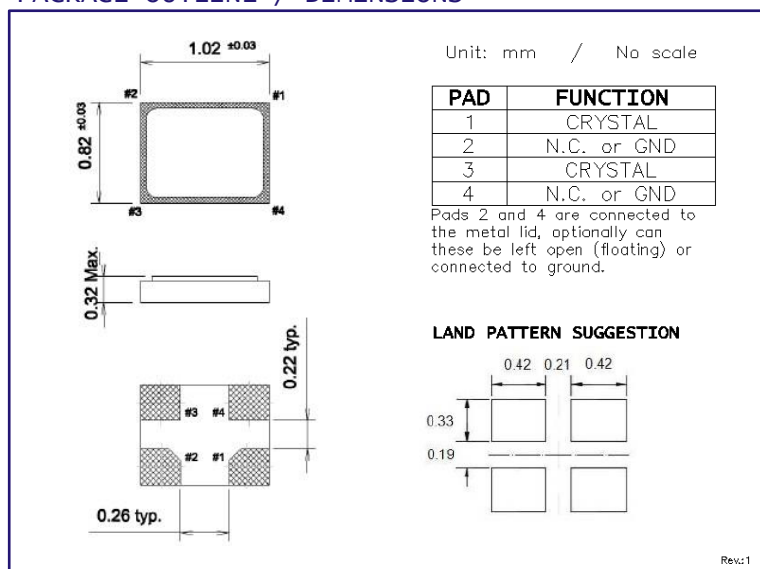
APPLICATIONS

- Wireless LAN
- Bluetooth
- Mobil communication
- Handheld equipment

PRODUCT SPECIFICATIONS

PARAMETER	0108M4		CONDITIONS / REMARKS
Nominal frequency	32.000, 40.000, 52.000		MHZ
Crystal cut and mode	AT-cut / Fundamental		--
Frequency tolerance	±10ppm / ±20ppm / ±30ppm		Other options available.
Frequency stability	±10ppm	±20ppm	Other options available.
Operating temperature range	-20 to +70°C	-30 to +85°C	Other options available.
Equivalent series resistance	<100Ω		32.000 to 40.000MHZ
	<60Ω		52.000MHZ
Load capacitance	6\8\10\12pF		Please specify.
Shunt capacitance	<2.0pF		--
Drive level	10μW TYP / 100μW MAX		--
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

