

TCXO UNIT WITH HCMOS OUTPUT IN SMD 3.2x2.5mm CERAMIC SEAM SEAL PACKAGE.

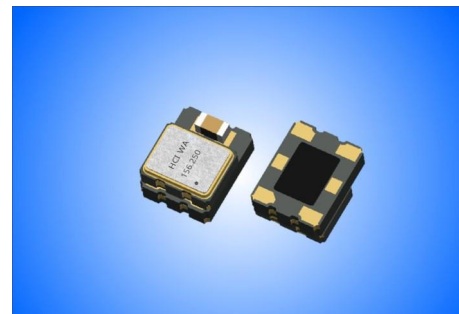
PRODUCT FEATURES

- Small dimensions 3.2x2.5x1.6 with 6 solder pads.
- Tight stabilities over temperature range.
- wide frequency range.
- RoHS compliant, LEAD-FREE, HALOGEN-FREE and REACH compliant.

APPLICATIONS

- High-Speed Gigabit Ethernet
- Broadband Access
- Microprocessors/DSP/FPGA
- Smart Grid

PRODUCT PHOTO (NOT IN SCALE)

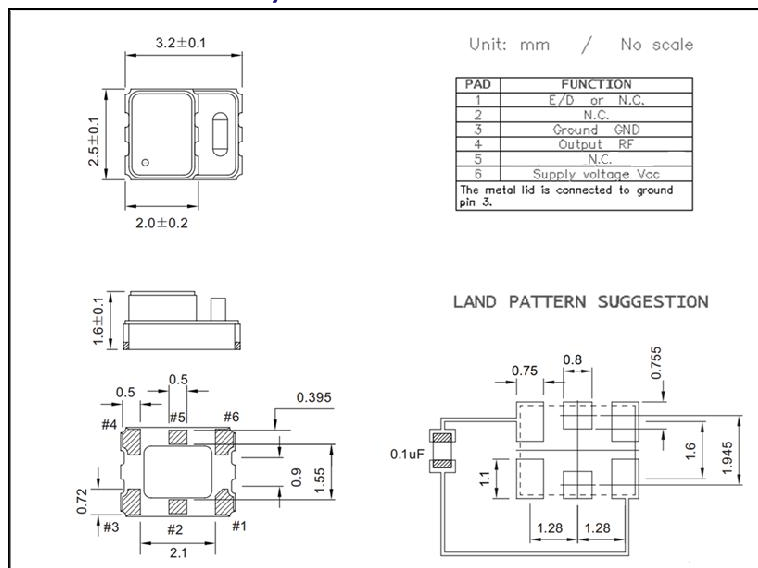


PRODUCT SPECIFICATIONS

PARAMETER	8132H6	CONDITIONS / REMARKS
Nominal frequency range	40 ~ 250MHz	Fund. PLL
Supply voltage	2.5V _{DC} / 3.3V _{DC}	Other option possible
Supply current	62mA	Maximum
Frequency stability	±2.0ppm	
Operating temperature range	±2.5ppm / ±3.0ppm	See note below.
Output waveform and load	-30 to +85°C or -40 to 85°C	Other options available.
Output voltage level HIGH	90%V _{DD} Min	Minimum
Output voltage level LOW	10%V _{DD} Max	Maximum
Rise and Fall times	5ns	Maximum
Symmetry (duty cycle)	45~55%	@ outputs cross point
Phase Jitter RMS	0.8ps typical	Integrated 12kHz≤F _J ≤20MHz

Note: Stability includes frequency deviations at +25°C, over temperature range, due to supply voltage changes, output load changes, shock and vibration.

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: 1,000pcs

RECOMMENDED REFLOW PROFILE

