Quartz Crystals Series

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Oven Controlled Crystal Oscillator
TOC-0907 series

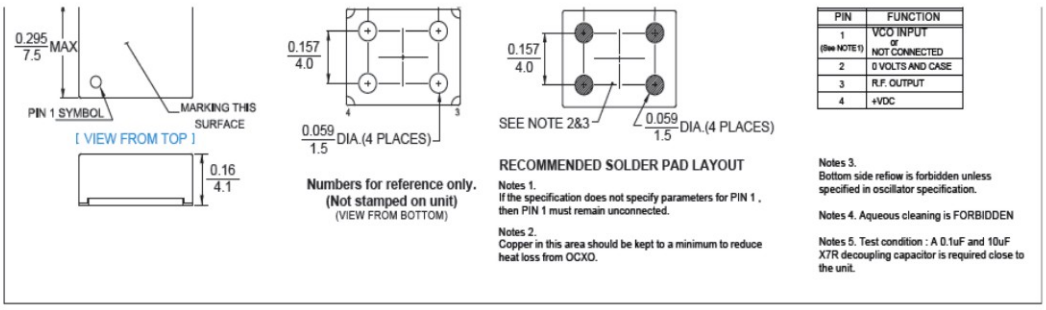
Features

- Dimension 9*7mm,miniaturized 4-Pad SMD package
- Low Power Consumption
- ±20ppb stability over -40 to 85°C
- Stratum 3 (Overall ±4.6ppm including 20 years aging)
- Applications：Small Cell, Portable Telecommunication Device ;
- Tests and Instrumentation;Synthesizer ,Digital switch ,Reference Timing Circuit
- Packet Timing Protocol(eg. 1588).

Electrical Specifications

Item / Type	TOC-0907
Frequency	10- 40MHz
Frequency stability over Operating Temperature	±20ppb
Operating Temperature Range	-40°C to +85°C
Supply voltage (Vcc)	Standard options 3.3V ,5V
Supply voltage stability	±5ppb
Phase Noise	-145dBc/Hz @ 1kHz
Aging	±0.6ppm max / year
Storage Temperature Range	-40°C to +85°C

Equivalent Series Resistance(ESR)

Parameter	Reference Std
Vibration(non-operating)	MIL-STD-202, Method 201
Shock(non-operating)	Shock(non-operating)MIL-STD-202,Method213,TestConditionJ

Dimensions