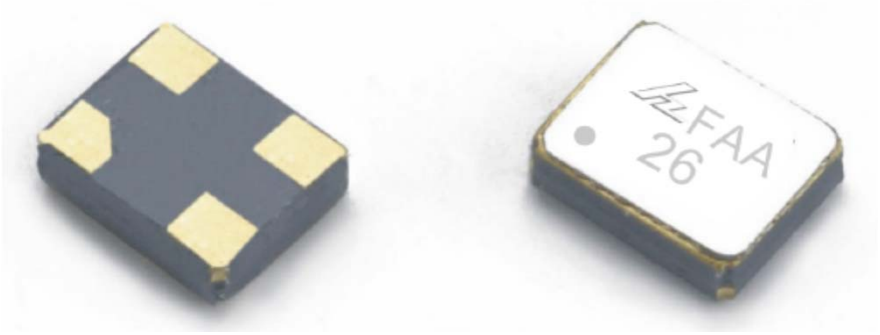
Oscillator (2.0x2.5) SMD Type

Application of Crystal

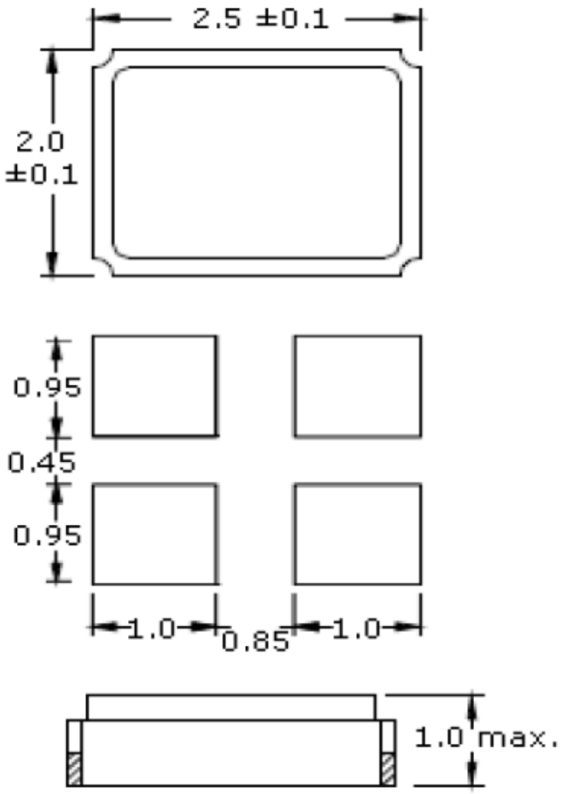
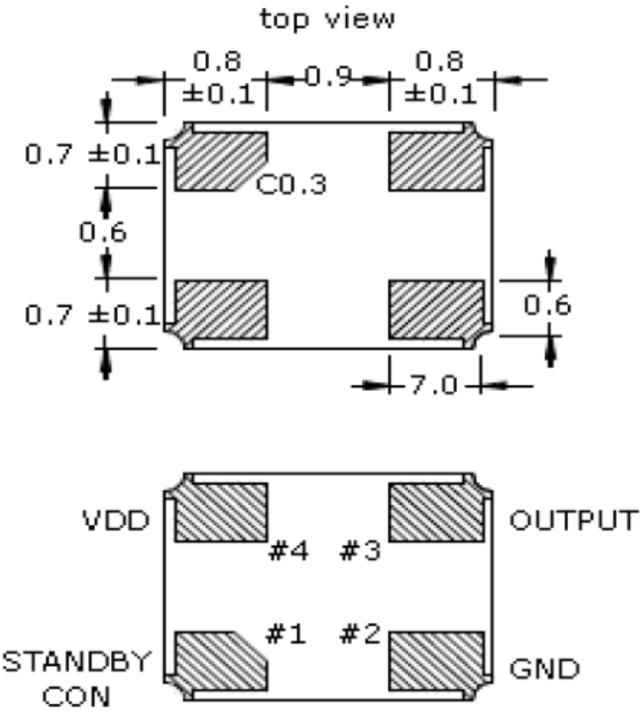
- PLL circuit
- Broad casting equipment
- AFC circuit
- Sonet/SDH.ATM
- FM modulator



Features

- High reliability for low cost
- Low-priced SMD-clock-oscillator
- Frequency stability from ±20 to ±100 ppm available
- Supply voltage of 1.8, 2.5, 2.8, 3.3 and 5.0 VDC deliverable
- Extended temperature range -40°C to +105°C
- Rohs compliant / Pb free

RoHS

Electrical Specification

PARAMETERS	CHARACTERISTICS	UNITS
Frequency Range	1.0 ~ 200.0	MHz
Frequency Stability	± 20, ± 50 ±100	ppm
Operating Temperature Rang	40 ~ 85	°C
Storage Temperature Range	-55 ~ +125	°C
Supply Voltage	1.8 ~ 5.0	V
Current	15 max.	mA
Output	CMOS/TTL	-
Output Symmetry	45 ~ 55% (VT=1/2VDD)	-
Rise Time/Fall Time	10 max.	ns
Start-Up Time	10 max.	ms