

Features

- Package: 7.5*5.5mm SMD
- Miniaturization
- Low power consumption
- RoHS Compliant.

Applications

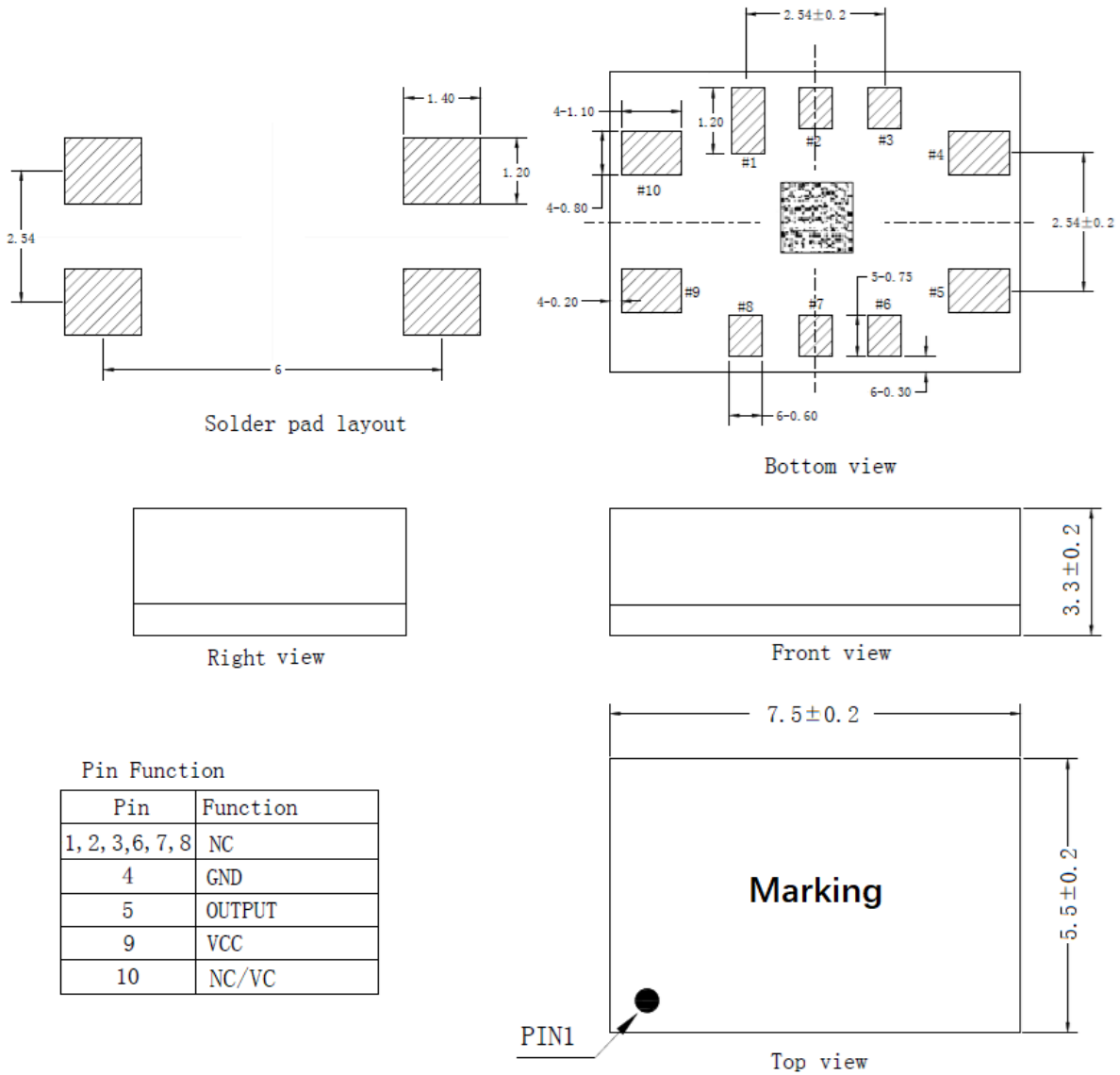
- Communication Equipment
- Base Stations
- Test Equipment
- Synthesizers
- Digital switching



Standard Specifications

Parameter	OCXO SMD 075
Frequency Range	9.60~50.00MHz
Output Waveform/Load	HCMOS/15pF
Output Low Voltage	0.4V Max (V _{CC} =3.3V, O _{load} =15pF)
Output High Voltage	2.4V Min (V _{CC} =3.3V, O _{load} =15pF)
Duty Cycle	45%~55%
Rise / Fall Time(10%~90%)	5ns Max
Start up Time	10ms Max
Frequency Stability vs. Temperature	±10 ~ ±50ppb (-20°C to +70°C)
	±10 ~ ±50ppb (-40°C to +85°C)
	±10 ~ ±50ppb (-40°C to +95°C)
	±20 ~ ±50ppb (-55°C to +105°C)
Frequency Tolerance	±1.5ppm
Frequency Stability vs. Load	±5ppb (Z _L ±5%)
Frequency Stability vs. Supply Voltage	±5ppb (V _{CC} ±5%)
Phase Noise @25°C	-110dBc/Hz@10Hz(Typ)
	-135dBc/Hz@100Hz(Typ)
	-155dBc/Hz@1kHz(Typ)
	-158dBc/Hz@10kHz(Typ)
	-160dBc/Hz@100kHz(Typ)
	-160dBc/Hz@1MHz(Typ)
Supply Voltage(VCC)	3.3V (±5%)
Steady Consumption	230 mA Max
Warm up current	600 mA Max
Aging(After 30days of operation)	±3ppb/day, ±0.3ppm/year
Short-Term Stability: Allan Variance (1s)	0.05ppb Max
Frequency Slope	1ppb/ °C Max
G-Sensitivity	1ppb/g Max
Control Voltage(Vc)	0 ~3.3V
Pull ability	±2~±4 ppm
Storage Temperature	-55~125°C

Dimensions (Units : mm)



Note1: Tolerance ± 0.20mm without mark