

Features

- Package: 7.0x5.0mm SMD
- Output: Clipped Sine Wave/CMOS
- Low power consumption
- RoHS Compliant.

Applications

- Communication Hardware
- LTE, BTS
- GPS Tracking with Hold-Over accuracy
- Test & Measurement Equipment
- Point-to-Point communication networks



Standard Specifications

Parameter	TCXO SMD7050	
Frequency Range	5~52MHz	
Output Waveform	Clipped Sine Wave	CMOS
Frequency Stability vs. Temperature	±0.5ppm~0.05ppm	
Operating Temperature	-55~85°C, -40~85°C, -40~105°C	
Frequency Tolerance	±1.0ppm	
Frequency Stability vs. Load	±0.1ppm (Z _L ±10%)	
Frequency Stability vs. Supply Voltage	±0.1ppm (VDD±5%)	
Load	10KΩ//10pF	15pF
Current consumption	3mA Max	5mA Max
Phase Noise	10MHz: -140dBc/Hz@1kHz(Typ)	
Start up Time	2ms Max	
Supply Voltage	1.8~3.3V (±5%)	
Control Voltage	1.65±1.0V/1.5±1.0V/0.9±0.9V	
Frequency Control Range	±5~10ppm/±10~15ppm	
Aging(at 25 °C)	±1ppm/year	
Storage Temperature	-55~125°C	

Dimensions (Units : mm)

