

High Precision TCXO Series 5 x 3,2 mm SMD

Features

- Surface mount package
- 4 pad 5.00 x 3.20 x 1.65mm
- Optional voltage control function
- RoHS Compliant, Lead Free Construction Good Price performance

Specifications

Item		Specification	
Frequency Range		10.0 ~ 50.0 MHz	
Nominal Frequency (MHz)		10.0, 19.2, 20.0, 25.0, 30.72, 40.0, 50.0	
Output Characteristics	Output Waveform	CMOS	Clipped sine
	Output Levels	CMOS	0.8 V _{p-p} min.
	Duty Cycle	50%±10%	
	Load	15pF	10kΩ//10pF
Operating Temperature	vs. Supply voltage (V _{dc} ±5%)	<i>Note 1</i>	
	vs. Output Load (Load±10%)	<i>Note 2</i>	
Supply Current		3.5mA max.	5.5mA max.
Phase Noise (at 1kHz offset / 12kHz ~ 5MHz)		-135dBc/Hz max.	-125dBc/Hz max.
Frequency Stability Over	-10°C ~ 70°C	±0.1 ppm ~ ±2.5 ppm	
Operating Temperature	-40°C ~ 85°C	±0.2 ppm ~ ±2.5 ppm	
Frequency Stability Over	vs. Aging	±1.0ppm / year	
Storage Temperature Range		-40°C ~ 85°C	
Supply Voltage		2.7 ~ 5.5	
Frequency Control Range (For VC-TCXO)		±3.0 ppm min.	
Control Voltage Range (For VC-TCXO)		1.5V±1.0V, 1.65V±1.0V, 2.5V±1.0V	
Control Voltage Polarity (For VC-TCXO)		Positive	

- **Note 1** 10 ~ 25MHz ±0.2ppm max. / 25 ~ 50MHz ±0.3ppm max. *CMOS
 " ±0.1ppm max. / " ±0.1ppm max. *Clipped sine
- **Note 2** 10 ~ 25MHz ±0.1ppm max. / 25 ~ 50MHz ±0.2ppm max. *CMOS
 " ±0.1ppm max. / " ±0.2ppm max. *Clipped sine

Please consult us for customized specifications.

Dimension

