

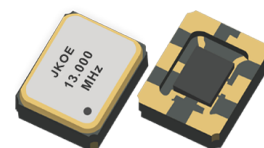


Features

- Package: 1.6x1.2mm SMD
- Output: Clipped Sine Wave/CMOS
- Low power consumption
- RoHS Compliant.

Applications

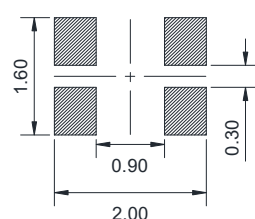
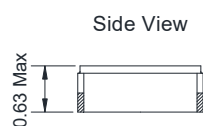
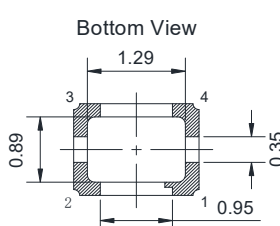
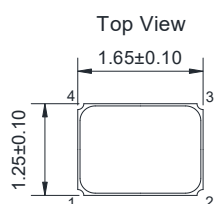
- Communication Hardware
- LTE, BTS
- GPS Tracking with Hold-Over accuracy
- Test & Measurement Equipment
- Point-to-Point communication networks



Standard Specifications

Parameter	TCXO SMD1612	
Frequency Range	10~55MHz	
Output Waveform	Clipped Sine Wave	CMOS
Frequency Stability vs. Temperature	$\pm 0.5\text{ppm}$	
Operating Temperature	$-40\sim 85^{\circ}\text{C}$, $-40\sim 105^{\circ}\text{C}$	
Frequency Tolerance	$\pm 1.5\text{ppm}$	
Frequency Stability vs. Load	$\pm 0.1\text{ppm}$ ($Z_L \pm 10\%$)	
Frequency Stability vs. Supply Voltage	$\pm 0.1\text{ppm}$ ($V_{DD} \pm 5\%$)	
Load	10K Ω //10pF	15pF
Current consumption	3mA Max	5mA Max
Phase Noise	26MHz: -140dBc/Hz@1kHz(Typ)	
Start up Time	2ms Max	
Supply Voltage	1.8~3.3V ($\pm 10\%$)	
Aging(at 25 $^{\circ}\text{C}$)	$\pm 1\text{ppm/year}$	
Storage Temperature	$-55\sim 125^{\circ}\text{C}$	

Dimensions (Units : mm)



Recommended Land Pattern

Pin	Function
1	NC
2	GND
3	Output
4	V_{DD}