MTEH, MTES, and MTEZ TCXO Series



- > Industry Standard Package
- RoHS Compliant Available
- Stability Available to ±1 ppm
- Operating Voltage +3.3VDC or +5.0VDC
- Voltage Control Option

ELECTRICAL SPECIFICATIONS:

Frequency Range Load Supply Current	1.000MHZ to 160.000MHZ 10k Ohms // 15pF 35mA max	8.000MHZ to 160.000MHZ 10k Ohms // 15pF	8.000MHZ to 160.000MHZ 50 Ohms
Supply Current	35mA max		50 Ohms
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Output Loval		3mA max	25mA max
Output Level	Logic " $1'' = 90\%$ of Vdd min Logic " $0'' = 10\%$ of Vdd max	1.0V p-p min	7 dBm
Symmetry	40%/60% at 50% of Waveform	N/A	N/A
Freq. Stability vs Temp (Note 1)	(See Frequency Stability vs Temperature Table)		
Freq. Stability vs Aging	±1 ppm per year max		
Freq. Stability vs Voltage	± 0.3 ppm with a 5% change in Vdd		
Freq. Stability vs Load	±0.3 ppm with a 10% change in Load		
Storage Temperature	-40°C to +85°C		
Supply Voltage (Vdd)	+3.3VDC ±5%		+5.0VDC ±5%
Control Voltage with VC option	+1.65VDC ±1.50VDC Positive Slope +2.50VDC		C ±2.00VDC Positive Slope
Pin 1 Connection			
No Connection	No Connection		
VC Option	±10 ppm min		

Mechanical Trimmer





