



Temperature Compensated Crystal Oscillator

FEATURE

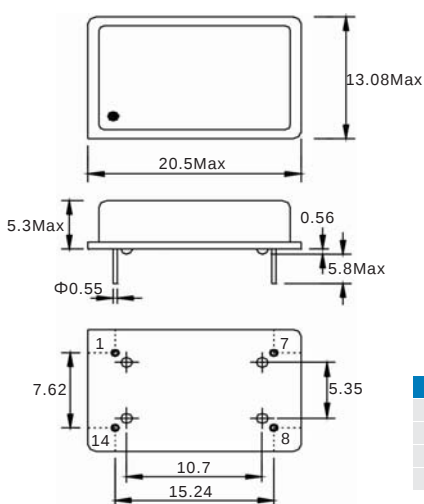
- Industry Standard Package.
- Stable Over Wide Temp. Range.
- Custom Specification Available.
- HCMOS / TTL Compatible.



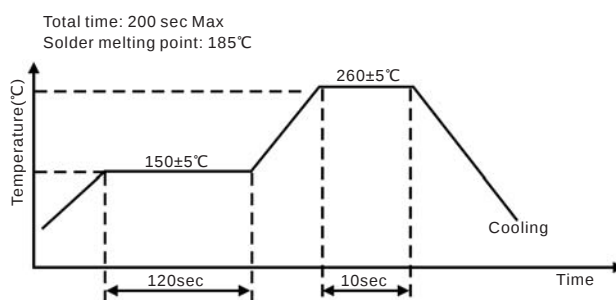
ELECTRICAL SPECIFICATIONS

Frequency Range	1.000MHz ~ 35.000MHz	
Frequency Adjustment Range	±3ppm Min	
Operating Temperature	0°C ~ +70°C (See Options Table)	
Storage Temperature	-40°C ~ +85°C	
Frequency Stability Vs Temp	±1.5ppm to ±5.0ppm	
Frequency Stability Vs Input V.	±0.5ppm Max	
Frequency Stability Vs Load	±0.3ppm Max	
Frequency Stability Vs Aging	±1ppm per year Max	
Supply Voltage	5.0V / 3.3V	
Supply Current (I _{cc})	20mA	
Output Voltage	V _{OL} (Max) TTL/HCOMS	0.4V _{DC} / 0.5V _{DC}
	V _{OH} (Min) TTL/HCOMS	2.4V _{DC} / 4.5V _{DC}
Symmetry (Duty Cycle)	40/60% Std. / 45/55% Available	
Rise/Fall Time	10ns Max	
Control Voltage	N/A	
Manual Adjustment	±3ppm Min by Internal Trimmer	
Output Load	10TTL or 15pF HCMOS	

DIMENSIONS & REFLOW CONDITION

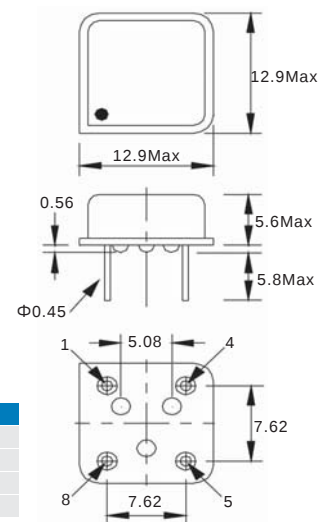


Full Size



PIN	Connection
#1	N.C/Control
#7	GND
#8	Output
#14	+5.0V _{DC}

PIN	Connection
#1	N.C/Control
#4	GND
#5	Output
#8	+5.0V _{DC}



Half Size

PART NUMBER

GMK-TCXOF-	25.000	2.0	5.0	B
TCXOH-	Frequency 25.000MHz	Freq. Stability VsTemp. 50ppm	Supply Voltage 5:5.0V 3.3:3.3V	Operating Temp A:-10~60°C B:-20~70°C C:-40~85°C