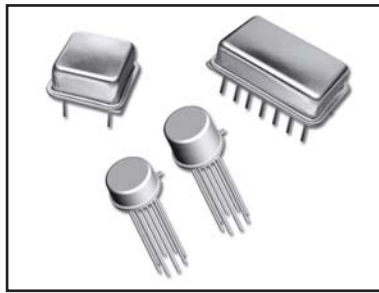


FMOCHT SERIES

Extreme Temperature

Crystal Oscillator



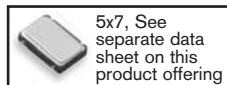
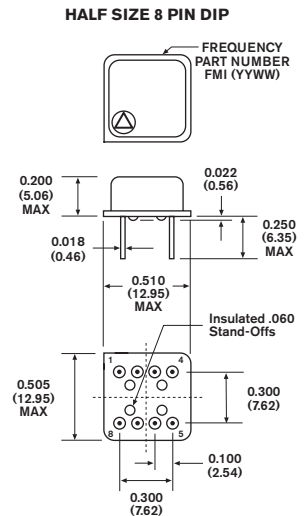
- 10 Hz to 110 MHz
- 1.8 to 18V
- Ultra Low Power Available
- Optimized Support Structure for High Shock and Vibration
- -100°C to +300°C

SPECIFICATIONS

06 | issue5 | 120106

Parameter	Specification
Frequency Range	10 Hz to 110.000 MHz
Overall Frequency Tolerance	±250ppm, ±300ppm, Custom available
Operating Temperature	0 to 300°C Std. (DIPs Only, TO packages to 210°C) Custom Avail.
Storage Temperature	-55°C to +240°C (option: to 300°C)
Supply Voltage (Vdd)	+3.3 Vdc ±10% or 5.0Vdc (option: 1.8V to 18V)
Symmetry (Duty Cycle)	40/60% min; 45/55% Other
Logic	HCMOS/TTL
Tri-State Control:	Optional
Output "0" Level	Output Disabled HI-Z
Output "1" Level or Open	Oscillation
Screened and Tested to MIL-0-55310	Available
Package Options	1/2 Size 8-Pin Dip; Extra-Full Size 14-Pin Dip +TO-5

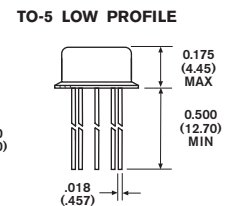
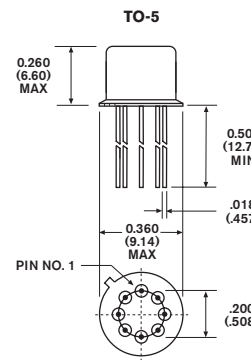
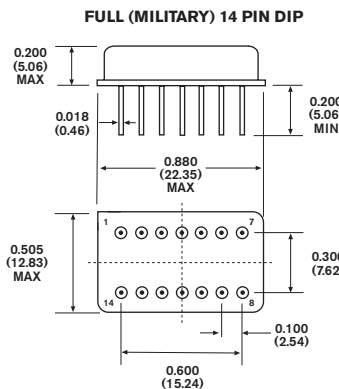
All specifications subject to change without notice.



Package Options
 LT - Lead Trimming
 LF - Lead Forming

ULTRA LOW-POWER ETXO
 Extreme Temperature Crystal Oscillators

Frequency Range: Up to 100 MHz
 Stability: As Low as ±60 ppm (0 to +200°C)
 Supply Current: As Low as.....
 0.9 mA @ 3.3V @ 20 MHz
 0.5 mA @ 3.3V @ 32.768 kHz
 Package: 8 Pin DIP (half-dip)
 Power Consumption:
 3 mW @ 20 MHz



Dimensions: $\frac{\text{Inches}}{\text{(mm)}}$

PART NUMBERING SYSTEM

Custom

Please Contact the Factory - A Custom Part Number will be Assigned to your Specification.