

GSXTAL1202-10MHz-A
10.000 MHz
SC CUT CRYSTALS

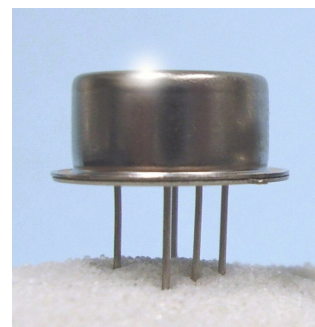
Description

SC Cut Crystal

Stress Compensated Cut Crystal
 3rd Overtone 10.000 MHz Resonator
 For Precision OCXO Applications
 Stock Item

Features

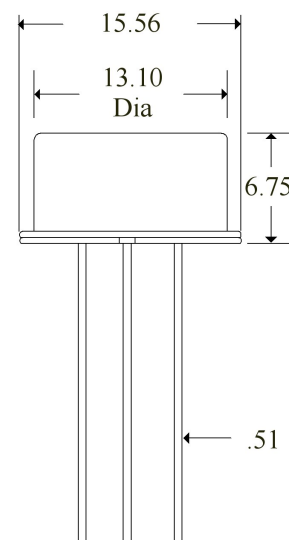
Vacuum Cold Weld Seal
 MIL Standard HC-37/U Package
 Low Phase Noise
 RoHS Compliant
 Fast Delivery



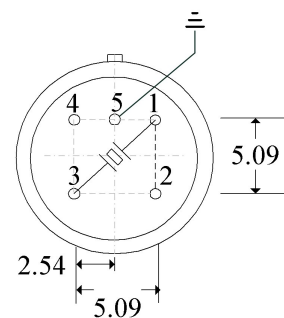
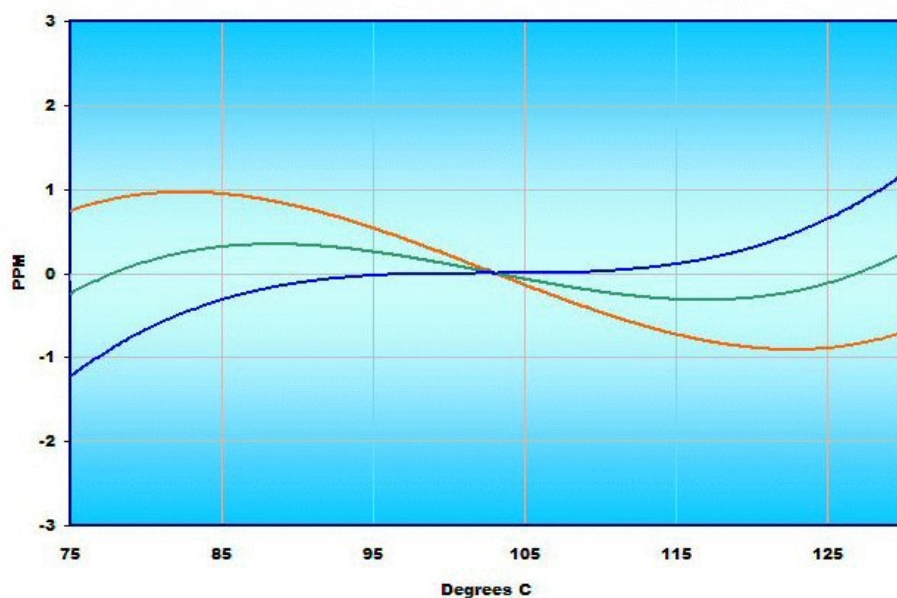
HC 37/U

Electrical Specifications

Type:	SC Cut
Application:	OCXO
Frequency:	10.000 MHz
Holder Style:	TO-8 (HC-37/U)
Mode:	3 rd Overtone
Circuit Condition:	Anti Resonant
Load Capacitance (CL):	25 pF
Calibration Tolerance at UTTP:	± 1.5 PPM
LTTP (Lower Temp Turn Point):	85 ± 5 °C
Equiv Series Resistance (ESR):	90 Ω Max.
Static Capacitance (Co):	3.5 pF Nominal
Motional Capacitance:	0.2 fF Nominal
Aging:	< 2 X 10E-10 Per Day After 30 Days
Q Factor:	> 1000 K
Drive Level (DL):	< 100 µW
Environment:	Vacuum Sealed



Frequency vs Temperature
High Temp SC CUT



Bottom View
 Pin 1&3 Xtal Connection
 Pin 5 Ground
 Pin 2&4 Xtal Support