

**GSXTAL1201-10MHz-A**  
**10.000 MHz**  
**SC CUT CRYSTALS**

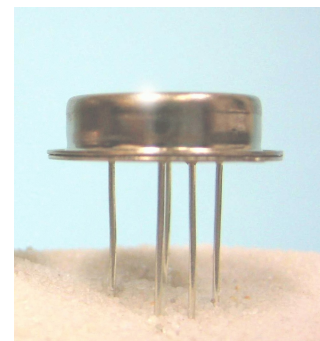
**Description**

**SC Cut Crystal**

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

**Features**

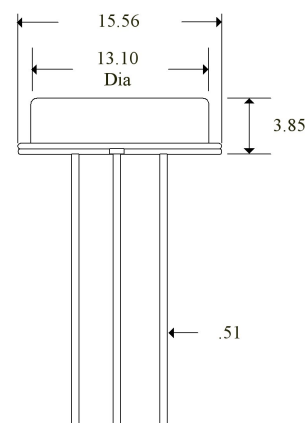
Vacuum Cold Weld Seal  
 MIL Standard HC-37/U Low Profile Package  
 Low Phase Noise  
 RoHS Compliant  
 Fast Delivery



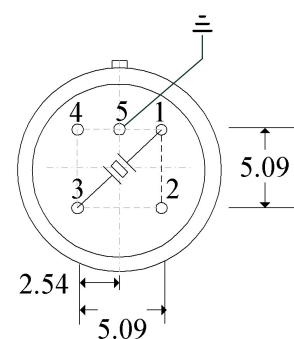
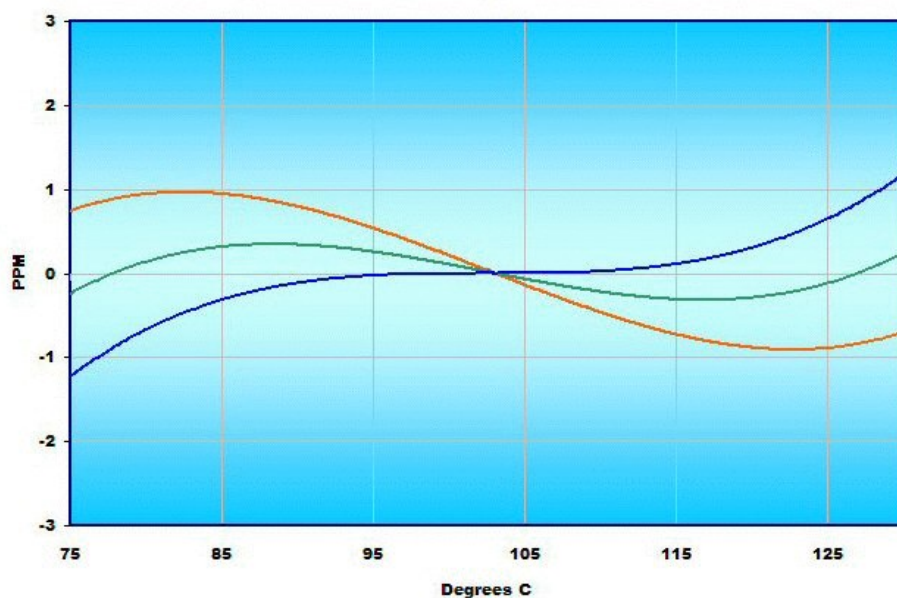
**Electrical Specifications**

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

**HC 37/U LOW PROFILE**



**Frequency vs Temperature**  
**High Temp SC CUT**



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