



### Features and Benefits

- Better than  $\pm 2.0$ PPM from  $-30^{\circ}\text{C}$  to  $+75^{\circ}\text{C}$
- 5.0V power supply
- Low power consumption at 3mA maximum

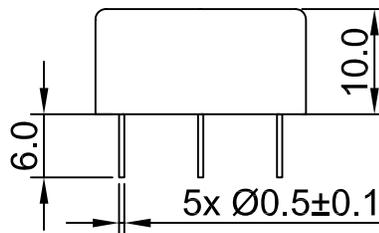
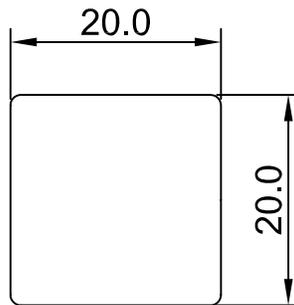
### Typical Applications

- Mobile Radio
- Communication Equipment

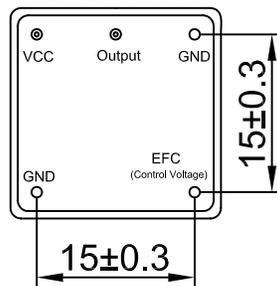
### Mechanical Drawing & Pin Connections

Drawing No:MD160092-G

Top View



Bottom View





### Specifications

Oscillator Specification	Sym	Condition	Value			Unit	Note
			Min.	Typ.	Max.		
Frequency Range	F <sub>0</sub>			10.00		MHz	
<b>RF Output</b>							
Output Wave Form			Clipped Sine wave				
Load				10//10		Kohms//pF	
Level			1			Vp-p	
<b>Power Supply</b>							
Voltage	V <sub>cc</sub>		4.75	5.00	5.25	V	
Input Current					3	mA	
<b>Frequency Control</b>							
Control Voltage	V <sub>c</sub>	±2.0V		2.5		V	
Frequency Adjustment Range			±3.0			ppm	
<b>Frequency Stability</b>							
VS. Temperature		Over -30°C to +75°C		±2.0		ppm	
VS. Power Supply Variation					±0.2	ppm	
Frequency Deviation			±3			ppm	
Aging		Per year			±1.0	ppm /year	
<b>Environmental Conditions</b>							
<b>Parameter</b>	<b>Reference Std.</b>						
Operating temperature range	-30°C to +75°C						
Storage temperature range	-40°C to +85°C						