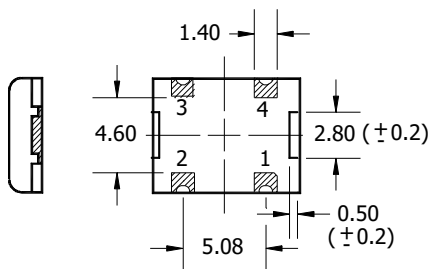
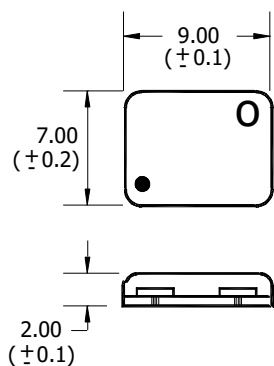


# QCTV20 Series

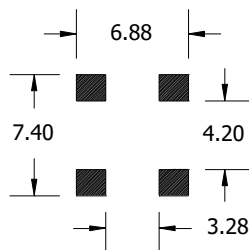
## SMD TCVCXO, 7x9x2mm, Clipped Sine Wave

Frequency	12.6/12.8/13.0/14.4/14.85/15.36/16.8/19.2/19.44/19.68/19.8 MHz.		
Output Level	Clipped Sine Wave		
Level	0.8 Vp-p Min		
Output Load	10 K ohms/10 pF		
Stability			
Setting @ 25°C ± 2°C at shipping	±1.5 ppm Max		
Frequency vs. Temperature	±2.5 ppm Max		
Frequency vs. Supply Voltage	±0.3 ppm Max ±5%		
Frequency vs. Load	±0.2 ppm Max ±10%		
Aging @ 25°C	± 1.0 ppm/year Max		
Control Voltage	1.5 Vdc ± 1.0 Vdc		
Voltage Control Range	± 9 ppm to ± 15ppm		
Supply Voltage	3.0Vdc ±5%		
Current	2.0 mA Max @25°C		
Temperature			
Operating	-20°C to +70°C		
Storage	-40°C to +85°C		
Series	QCTV20		
<b>Part Number Guide</b>	<b>Sample Part #:</b>	<b>QCTV20-CU-13.000</b>	
	Temperature Range	Frequency Stability	Frequency
QCTV20	C = -20 to +70 C	U=+2.5ppm	13.000 MHz

DIMENSION UNITS: mm



RECOMMENDED FOOTPRINT



**PIN CONNECTIONS**  
 1 CONTROL VOLTAGE  
 2 GROUND  
 3 OUTPUT  
 4 Vcc

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Specifications subject to change without notice (Rev A)