QTV15 Series

Thru-Hole TCVCXO, 14 Pin Dip, Clipped Sine Wave

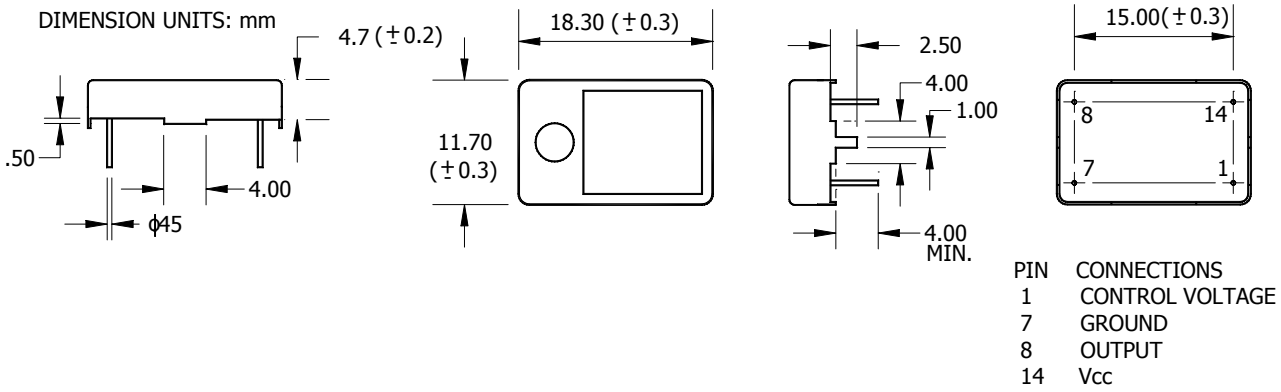
Frequency	9.6000 MHz ~ 35.000 MHz	
Output Level	Clipped Sine Wave	
Level	1.0 Vp-p Min	
Output Load	20 K ohms/5 pF	
Stability		
Frequency vs.Temperature	See Table below for Frequency Stability	
Frequency vs. Supply Voltage	±0.5 ppm Max ±5%	
Frequency vs. Load	±0.3 ppm Max	
Aging @ 25°C	± 1.0 ppm/year Max	
Mechanical Adjustment Range	± 3 ppm min	
Control Voltage	2.5 Vdc ± 2.0 Vdc	
Voltage Control Range	See Table below for Pullability	
Slope	Positive	
Supply Voltage	5.0 Vdc ±5%	3.3 Vdc ±5%
Current	3mA Max	
Temperature		
Operating	See Table below for Operating Temperature	
Storage	-40°C to +85°C	

	Frequency Stability in (± ppm)										Pullability		
Operating Temperature Range	**Code**	1.5 S	2.0 T	2.5 U	3.0 V	3.5 W	4.0 X	4.5 Y	5.0 Z		7 ±5 ppm	6 ±10 ppm	
0°C ~ +50°C	F	**	**	**	**	**	**	**	**				
-10°C ~ +60°C	G	**	**	**	**	**	**	**	**				
-10°C ~ +70°C	B	**	**	**	**	**	**	**	**				
-20°C ~ +70°C	C	**	**	**	**	**	**	**	**				
-30°C ~ +60°C	I	**	**	**	**	**	**	**	**				
-30°C ~ +70°C	J		**	**	**	**	**	**	**				
-30°C ~ +75°C	H		**	**	**	**	**	**	**				
-40°C ~ +80°C	K		**	**	**	**	**	**	**				

Part Number Guide **Sample Part #: QTV15-FT73-20.000**

	Temperature Range	Frequency Stability	Pullability	Supply Voltage	Frequency
QVT15	F = 0°C ~ +50°C	T = ±2.0 ppm	7 = ±5 ppm	3=3.3 Vdc or 5=5.0 Vdc	20.000 MHz

** Indicates Availability



PIN	CONNECTIONS
1	CONTROL VOLTAGE
7	GROUND
8	OUTPUT
14	Vcc

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Specifications subject to change without notice (Rev B)