

QCTV35 Series

SMD TCVCXO, 14 Pin Dip, Clipped Sine Wave

Frequency	1.000 MHz. ~ 40.000 MHz	
Output Level	Clipped Sine Wave	
Level	1.0 Vp-p Min	
Output Load	20K Ω /10 pF	
Stability		
Frequency vs. Temperature	See Table below for Frequency Stability	
Frequency vs. Supply Voltage	± 0.3 ppm Max $\pm 5\%$	
Frequency vs. Load	± 0.2 ppm Max	
Aging @ 25°C	± 1.0 ppm/year Max	
Tolerance @ 25°C	± 0.5 ppm	
Mechanical Adjustment Range	± 3 ppm min	
Supply Voltage	5.0 Vdc $\pm 5\%$	3.3 Vdc $\pm 5\%$
Current	3 mA Max	3 mA Max
Temperature		
Operating	See Table below for Operating Temperature	
Storage	-40°C to +125°C	

Operating Temperature Range	Frequency Stability in \pm ppm										Pullability		
	Code	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	7	6		
0°C ~ +50°C	F	**	**	**	**	**	**	**	**	**	± 5 ppm	± 10 ppm	
-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 #: QCTV35-FT73-20.000				
	Temperature Range	Frequency Stability	Pullability	Supply Voltage	Frequency	
QCTV35	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

