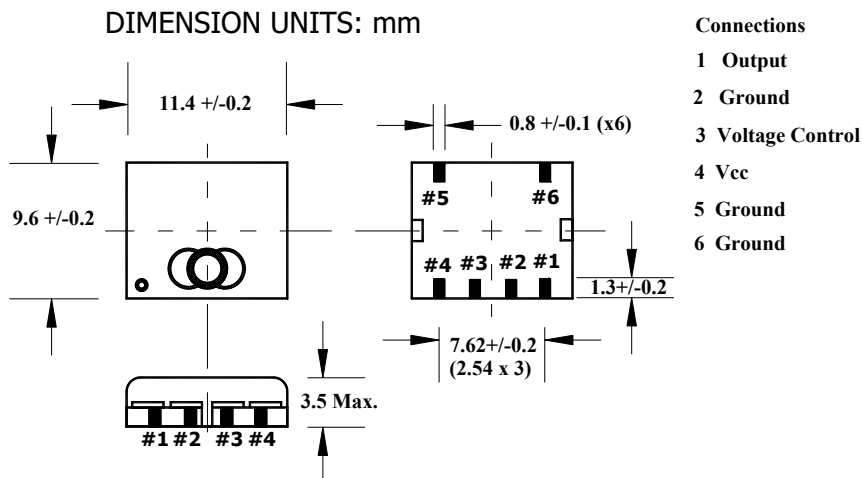


QCT20 Series

SMD TCXO, 11.4x9.6x3.5mm, TTL/HCMOS

Frequency	1.000 MHz ~ 40.000 MHz								
Output Level	TTL/HCMOS Compatible								
Level	'0'= 0.4 Vdc Max., '1'=2.4 Vdc Min.	'0'=0.1 Vcc Max., '1'=0.9 Vcc Min.							
Duty Cycle	50% ± 10%								
Rise/ Fall Time	10 nS Max								
Output Load	10TTL or 15 pF HCMOS Max								
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								
Supply Voltage	5.0Vdc ±5%	3.3 Vdc ±5%							
Current	40mA Max								
Temperature									
Operating	See Table below for Operating Temperature								
Storage	-40°C to +85°C								
Frequency Stability in ± ppm									
Operating Temperature Range	Code	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
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 #:		QCT20-FT3-20.000					
	Temperature Range	Frequency Stability		Supply Voltage			Frequency		
QCT20	F = 0°C ~ +50°C	T = ±2.0 ppm		3=3.3 Vdc or 5=5.0 Vdc			20.000 MHz		

** Indicates Availability



QVS TECH INC

6965 El Camino Real, Ste 105 Carlsbad, CA 92009 Phone: 760-929-8677 Fax: 760-929-8077

email: sales@qvstech.com

Specifications subject to change without notice (Rev A)