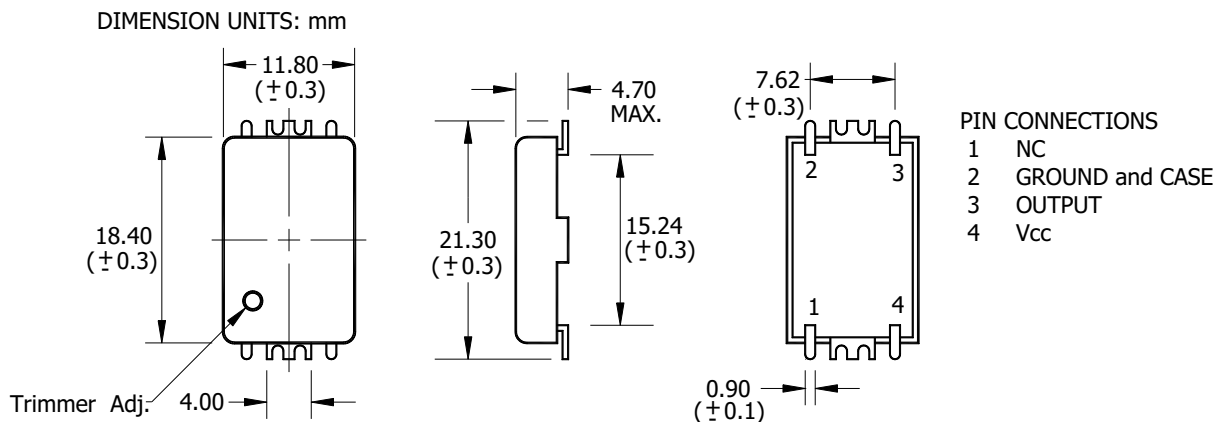


QCT10 Series

SMD TCXO, 14 Pin Dip, 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	5.0 Vdc ±5%	3.3 Vdc ±5%							
Current	20mA Max	20mA 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 #:			QCT10-FT3-20.000				
	Temperature Range	Frequency Stability	Supply Voltage		Frequency				
QCT10	F= 0°C ~ +50°C	T = ±2.0 ppm	3=3.3 Vdc or 5=5.0 Vdc		20.000 MHz				

** Indicates Availability



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Specifications subject to change without notice (Rev A)