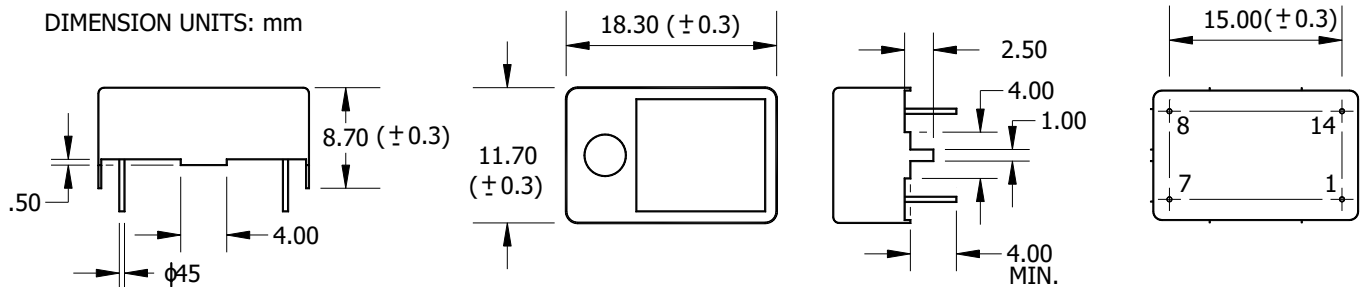


Thru-Hole TCXO, 14 Pin dip, Clipped Sine Wave

Frequency	12.000 MHz ~ 25.000 MHz									
Output Level	1.0 Vp-p min									
Output Load	20 K Ω /5 pf									
Stability										
Frequency vs. Temperature	See Table below for Temperature Stability									
Aging @ 25°C	± 1.0 ppm / year Max									
Frequency vs. Voltage	± 0.2 ppm max / $\pm 5\%$ change									
Frequency vs. Load	± 0.2 ppm max									
Tolerance	± 0.5 ppm @ 25°C									
Frequency Adjustment Range	± 3 ppm min									
Supply Voltage	5.0 Vdc $\pm 5\%$	3.3 Vdc $\pm 5\%$								
Current	3.0 mA max									
Operating Temperature	See Table below for Operating Temperature									
Storage Temperature	-40°C ~ +85°C									
Frequency Stability Graph in ppm										
Operating		± 1	± 1.5	± 2.0	± 2.5	± 3.0	± 3.5	± 4.0	± 4.5	± 5.0
Temp Range	Code	R	S	T	U	V	W	X	Y	Z
0~+50°C	F	**	**	**	**	**	**	**	**	**
-10~+60°C	G	**	**	**	**	**	**	**	**	**
-20~+70°C	C	**	**	**	**	**	**	**	**	**
-30~+70°C	J	**	**	**	**	**	**	**	**	**
-30~+75°C	H	**	**	**	**	**	**	**	**	**
-40~+85°C	E		**	**	**	**	**	**	**	**
Part Number Guide		Sample Part #: QT30-FR3-20.000								
	Temperature Range	Frequency Stability			Supply Voltage			Frequency		
QT30	F = 0°C ~ +50°C	R = ± 1 ppm			3 = 3.3 Vdc or 5 = 5.0 Vdc			20.000 MHz		

** Indicates Availability



PIN	CONNECTIONS
1	NC
7	GROUND
8	OUTPUT
14	Vcc

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Specifications subject to change without notice (Rev A)