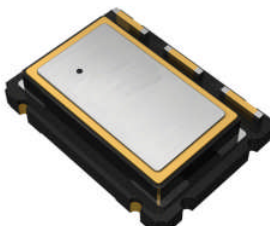


Crystal Oscillator Series	Features ◆RoHS Compliant ◆VCTCXO or TCXO	
VCTCXO 7050B		

Electrical Specifications

Item		Specifications
Type		VCTCXO 7050B
Nominal Frequency Range		10.0MHz to 26.0MHz
Frequency Stability	Temperature	See Table 1
	Aging First Year	±1.0ppm
	Supply Voltage Change	±0.2ppm (V _{DC} ±5%)
Operating Temperature		See Table 1
Storage Temperature		-55℃ to +125℃
Supply Voltage		2.8V/3.0V/3.3V/5.0V
Supply Current Max.		2.0mA
Output	Level	0.8Vp-p Min.(Clipped sine wave)
	Load	10KΩ//10pF
External Tuning Range		±8ppm Min. (V _{control} :1.5V±1.0V)
Phase Noise		-110 dBc/Hz at 100Hz -125 dBc/Hz at 1KHz -130 dBc/Hz at 10KHz

Table 1:Frequency Stability vs. Temperature

◆ Standard ◇ Please specify		A	B	C	D	Remarks
		±2.5ppm	±2.0ppm	±1.5ppm	±1.0ppm	
A	0℃ to +55℃	◆	◆	◇	◇	
B	-10℃ to +60℃	◆	◆	◇	◇	
C	-10℃ to +70℃	◆	◆	◇	◇	
D	-20℃ to +70℃	◆	◆	◇	◇	
E	0℃ to +85℃	◆	◇			
F	-20℃ to +75℃	◆	◇	◇	◇	
G	-30℃ to +75℃	◆	◇	◇	◇	
H	-30℃ to +80℃	◆	◇	◇		

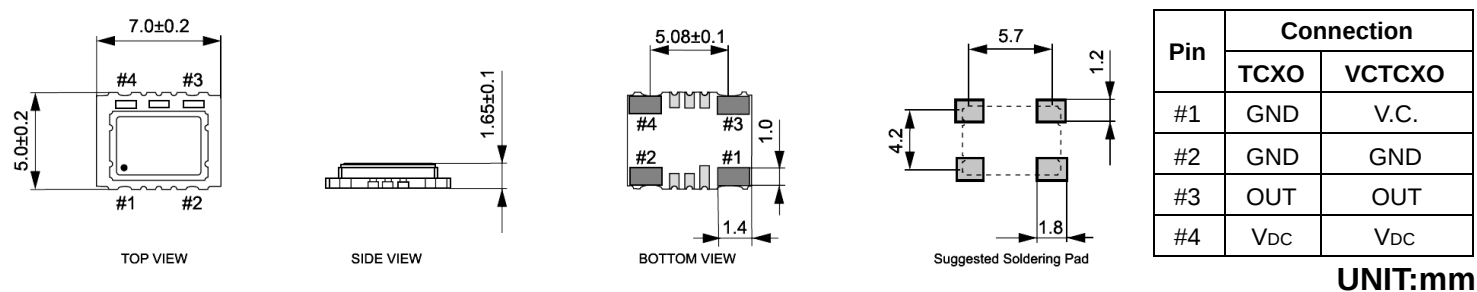
Ordering Information

V	T	Type	Pin	XX.XXXX	M	Supply Voltage	Stability Vs.Temp.	Operating Temp.	Option
VT:VCTCXO TC:TCXO						A:3.3V B:5.0V			F:Lead Free
V:Voltage	75:	B:	Center frequency	M:		C:3.0V D:2.8V	See Table 1	See Table 1	T:T&R Blank:Bulk
T:Temperature	7.0*5.0mm	4Pins	10.0 to 26.0MHz	MHz					
Example:VT75B26.0000MAACF (VCTCXO, 7.0*5.0mm, 4Pins, 26.0000MHz, 3.3V, +/-2.5ppm, -10 to +70deg., T&R, Lead free)									

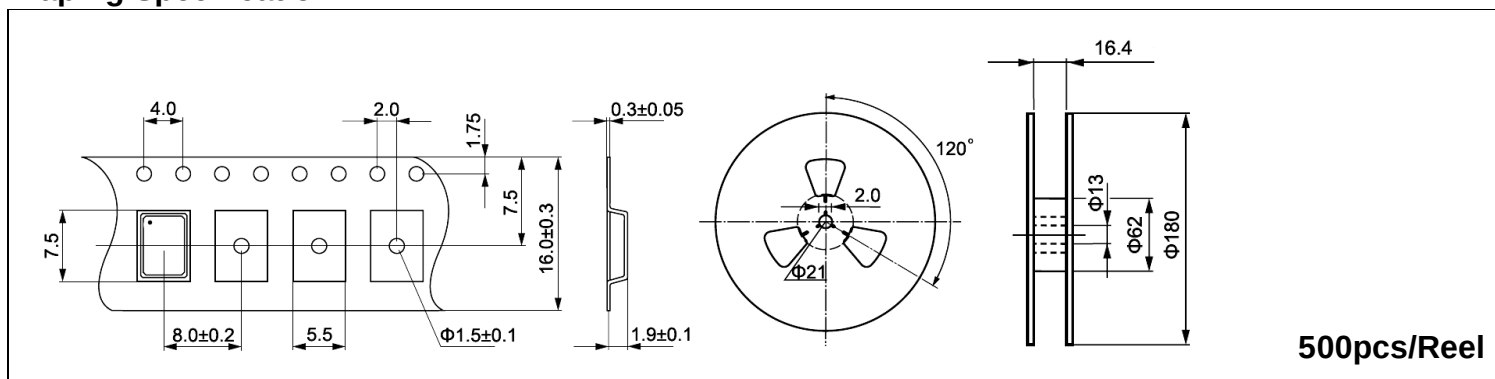
Crystal Oscillator Series

VCTCXO 7050B

Dimensions



Taping Specification



Reflow Soldering Profile

