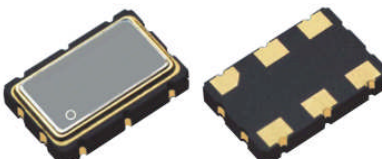


Crystal Oscillator Series				
VCXO 7050C	Features	◆Ceramic/Metal package		
	◆RoHS Compliant	◆HCMOS/TTL compatible		

Electrical Specifications

Item		Specifications			
Type		VCXO 7050C 3.3V		VCXO 7050C 5.0V	
Nominal Frequency Range		1.000MHz to 200.000MHz			
Frequency Stability		±25ppm or ±50ppm			
Frequency Pulling Range		±50ppm to ±150ppm Vcontrol:1.65V±1.65V		±50ppm to ±150ppm Vcontrol:2.5V±2.5V	
Operating Temperature		-20℃ to +70℃(Standard), -40℃ to +85℃ available			
Storage Temperature		-55℃ to +125℃			
Supply Voltage		3.3V±10%		5.0V±10%	
Supply Current Max.		1.0 to 29.99MHz	10mA	1.0 to 19.99MHz	15mA
		30.0 to 79.99MHz	25mA	20.0 to 44.99MHz	30mA
		80.0 to 200.00Mhz	50mA	45.0 to 50.00Mhz	35mA
Output	Rise & Fall Time	6ns: 1.0 to 39.99MHz 5ns: 40.0 to 200.00MHz			
	Load	15pF			
	Current Max.	4mA		8mA	
	Low Level	V _{DC} ×0.1 Max.			
	High Level	V _{DC} ×0.9 Min.			
Symmetry at 1/2 V _{DC}		45/55% typical			
Start Up Time		<±10ns			
Aging		±1ppm/year			

Stability vs. Temperature

◆ Standard		7	5	0	8	Remarks
◇ Please specify		±25ppm	±50ppm	±100ppm	±150ppm	
C	-20℃ to +70℃	◆				Standard
D	-40℃ to +85℃	◇	◆			

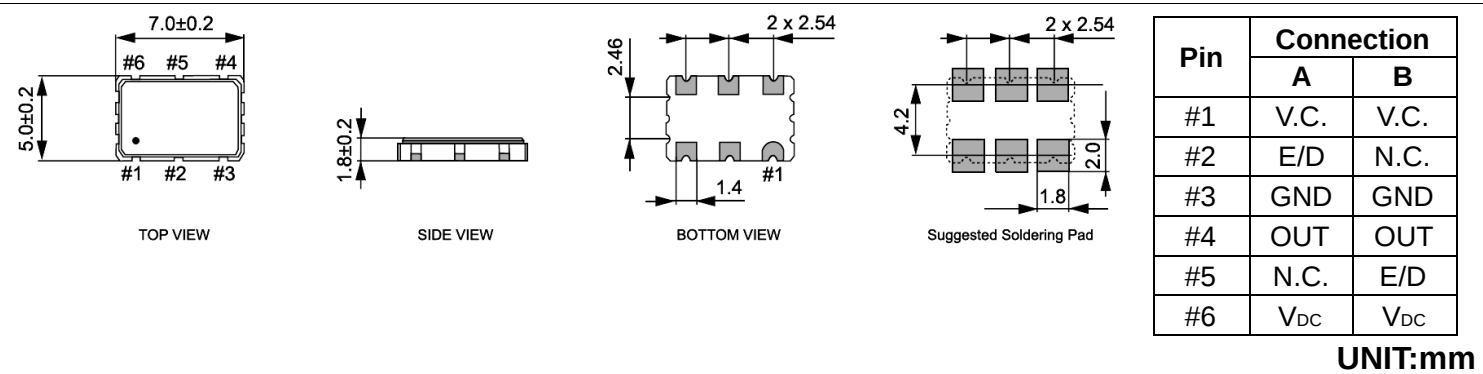
Ordering Information

V	C	Type	Pin	XX.XXXX	M	Freq. Pulling Range in ppm	Supply Voltage	Stability V.s.Temp.	Operating Temp.	Pin Connection	Option
V:Voltage 75: 7.0*5.0mm C: 6Pins Center frequency 1.0 to 200.0MHz M: MHz See Table A:3.3V B:5.0V See Table See Table A: Standard B: #5 E/D F:Lead Free T:T&R Blank:Bulk Example:VC75C25.0000M0A7CAF (VCXO, 7.0*5.0mm, 6pins ,25.0000MHz, Pulling:±/-100ppm, 3.3V, ±/-25ppm,-20 to +70deg,Standard.,T&R,Lead free)											

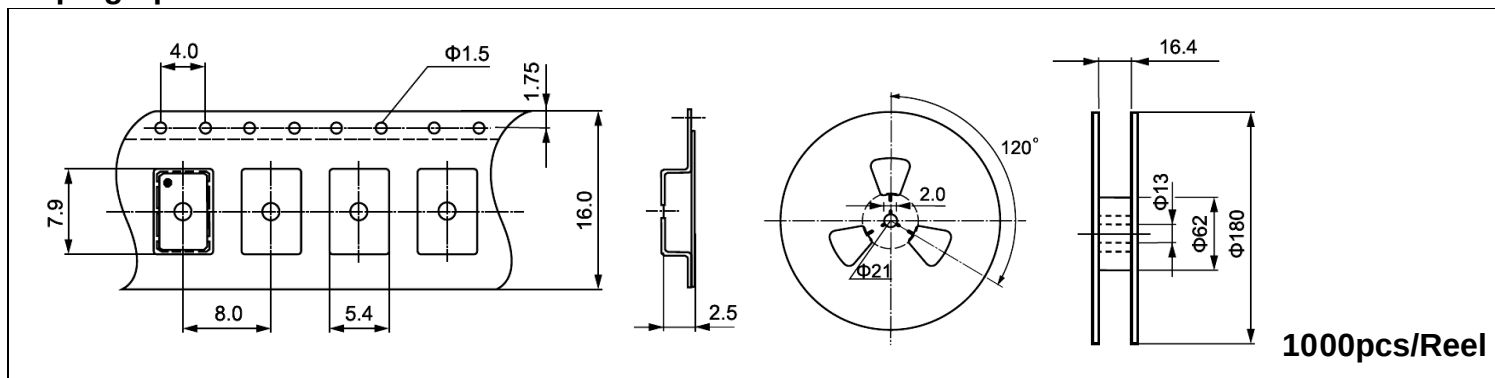
Crystal Oscillator Series

VCXO 7050C

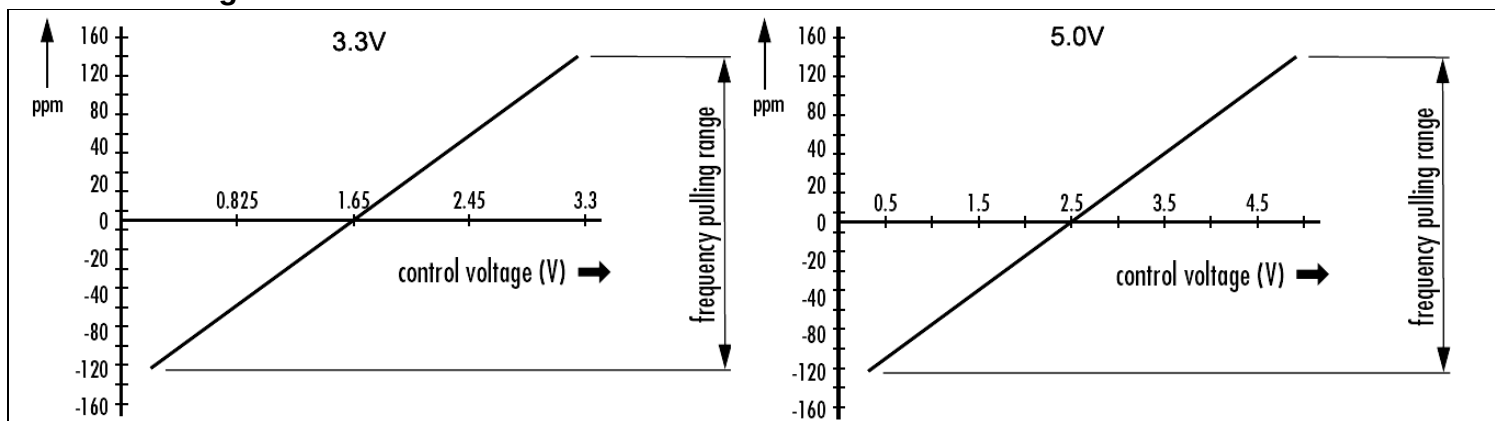
Dimensions



Taping Specification



Control Voltage Characteristic



Reflow Soldering Profile

