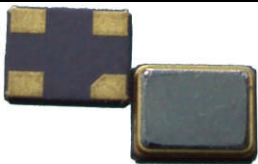


Crystal Oscillator Series	Features ◆Ceramic/Metal package ◆RoHS Compliant ◆HCMOS/TTL compatible	
VCXO 3225B		

Electrical Specifications

Item		Specifications					
Type		3.3V		2.8V		1.8V	
Nominal Frequency Range		6.700MHz to 90.000MHz					
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%		2.8V±10%		1.8V±10%	
Supply Current Max.		6.7 to 39.99MHz 40.0 to 53.99MHz 54.0 to 90.00MHz		5mA 8mA 12mA		6.7 to 39.99MHz 40.0 to 54.00MHz 3mA 5mA	
Output	Rise & Fall Time	10ns: 6.7 to 39.99MHz 6ns: 40.0 to 53.99MHz 4ns: 54.0 to 90.00MHz					
	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}		40/60% 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℃	◇	◆	◇	◇	

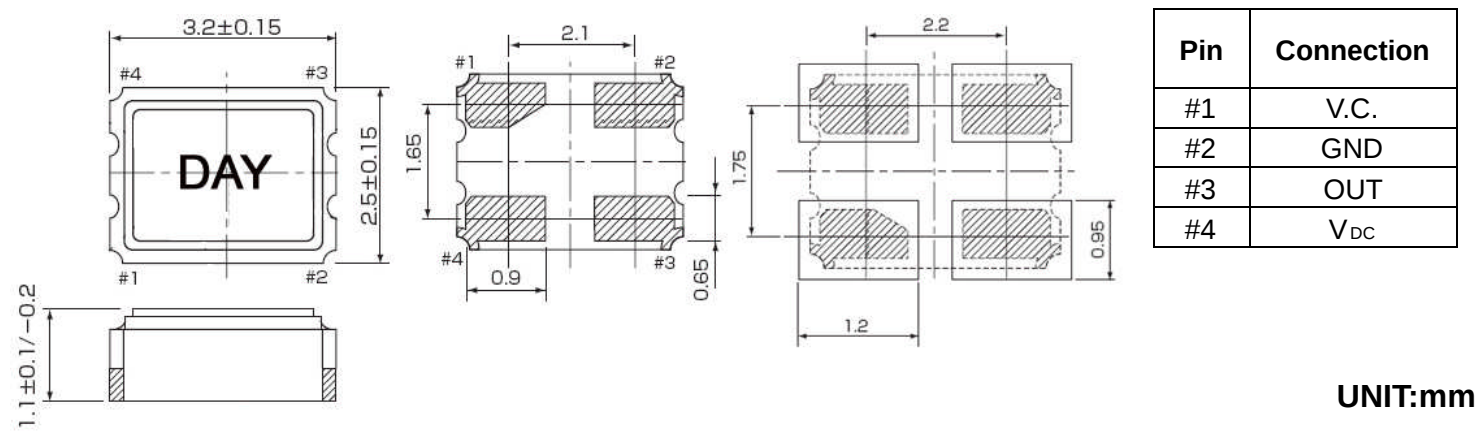
Ordering Information

V	C	Type	Pin	XX.XXXX	M	Freq. Pulling Range in ppm	Supply Voltage	Stability V.s.Temp.	Operating Temp.	Option
V:Voltage C:Control	32: 3.2*2.5mm	B: 4Pins	Center frequency 6.7 to 90.0MHz	M: MHz	See Table	A:3.3V B:2.8V	See Table	See Table		F:Lead Free T:T&R Blank:Bulk
Example:VC32C25.0000M0A7CAF (VCXO,3.2*2.5mm, 4pins ,25.0000MHz, Pulling:±/-100ppm, 3.3V, ±/-25ppm,-20 to +70deg.,T&R,Lead free)										

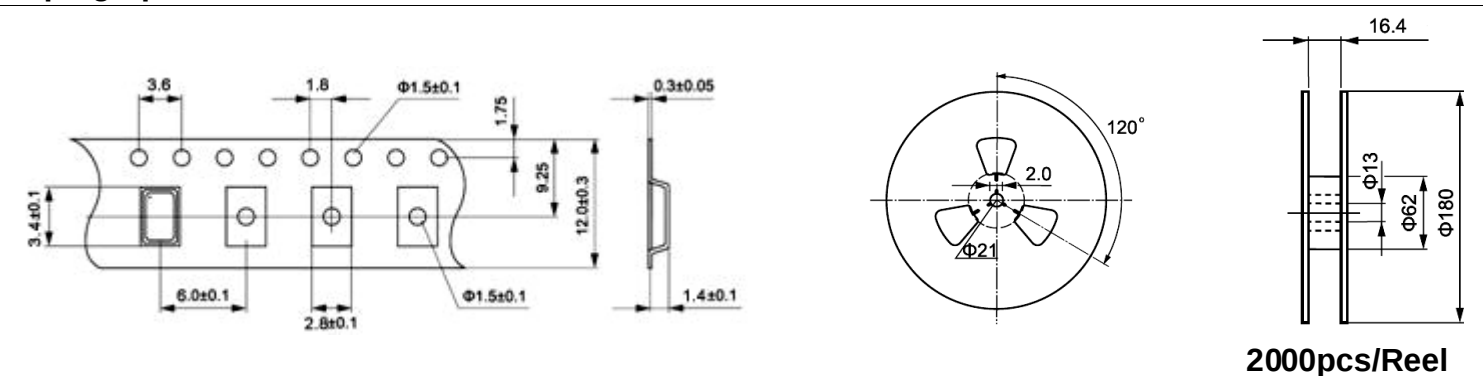
Crystal Oscillator Series

VCXO 3225B

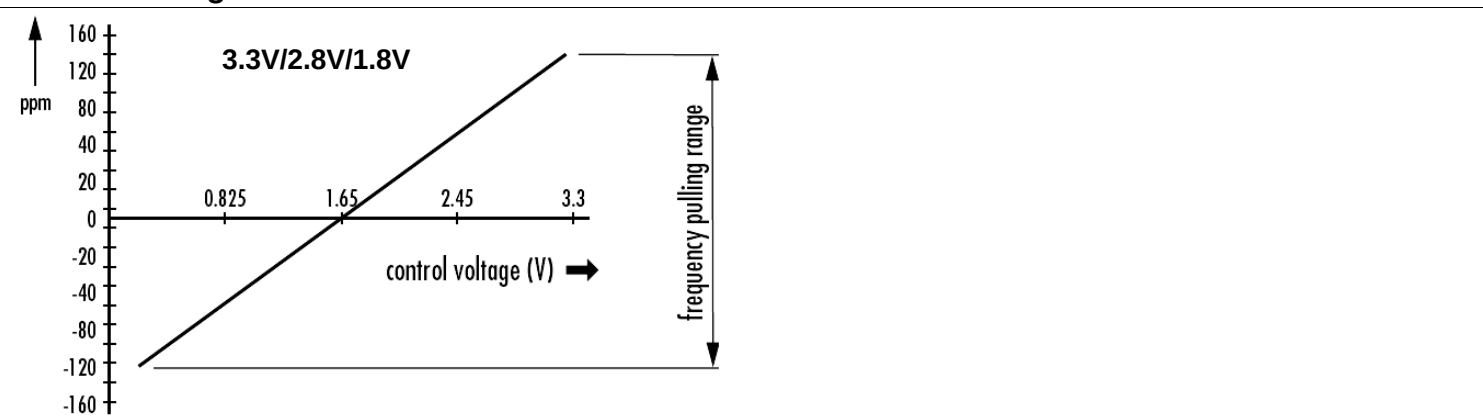
Dimensions



Taping Specification



Control Voltage Characteristic



Reflow Soldering Profile

