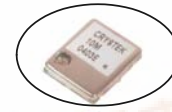


查询"CXOSD5"供应商  
**CXOSD5 Model**  
 4 Pad SMD, **3.3V & 5V, Clipped Sine**

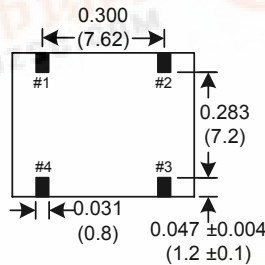
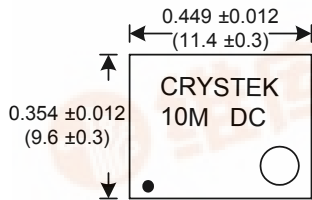
# Temperature Compensated Crystal Oscillator

**Frequency Range:** 10MHz to 30MHz  
**Frequency Stability:** ±2ppm to ±5ppm  
**Freq. Stability vs Volt:** ±0.5ppm Max  
**Freq. Stability vs Load:** ±0.3ppm Max  
**Temperature Range:** -40°C to 85°C  
**Storage:** -55°C to 120°C  
**Input Voltage:** 3.3V or 5V ± 5%  
**Trimmer Adj. Range:** ±3ppm Min.  
**Input Current:** 1.5mA Typ, 3mA Max  
**Output:** Clipped Sinewave  
     Output Voltage: 5V = 1.0Vpp Min  
                       3.3V = 0.7Vpp Min  
     Load: 20K Ohm / 5pF Max  
**Phase Noise Typ.:**  
     10Hz -100dBc/Hz  
     100Hz -130dBc/Hz  
     1KHz -140dBc/Hz  
     10KHz -145dBc/Hz  
     100KHz -150dBc/Hz  
**Aging:** <1ppm Max/Yr



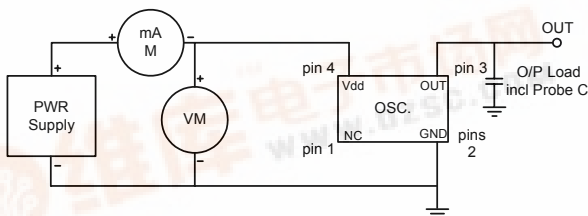
Designed to meet today's requirements for tighter frequency stability tolerance while reducing pad layout requirement.

## CXOSD5



PIN	Connection
1	NC
2	GND
3	OUTPUT
4	Vdd

Dimensions inches (mm)  
 All dimensions are Max unless otherwise specified.



	Operating Temperature	Freq. Stability (± ppm)					
		1.5	2.0	2.5	3.0	4.0	5.0
A	0°C to 50°C						
B	-10°C to 60°C						
C	-10°C to 70°C						
D	-20°C to 70°C						
E	-30°C to 60°C						
F	-30°C to 70°C						
G	-30°C to 75°C						
H	-40°C to 85°C						
		A	B	C	D	E	F

Table 1

### Crystek Part Number Guide

## CXOSD5 - B C 3 - 25.000

#1    #2    #3    #4    #5

#1 Crystek TCXO 4 Pad SMD Clipped Sine  
 #2 Letter = Operating Temperature (see table 1)  
 #3 Letter = Frequency Stability (see table 1)  
 #4 3 or blank = Input Volt (3 = 3.3 volts) (Blank= 5V)  
 #5 Frequency in MHz: 3 or 6 decimal places

Example:  
 CXOSD5-BC3-25.000 = -10/60, ±2.5ppm, 3.3V, 25.000MHz

Specifications subject to change without notice.

TD-020817 Rev. E

