

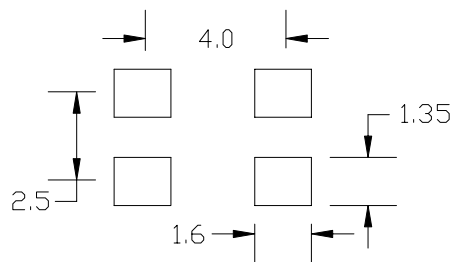
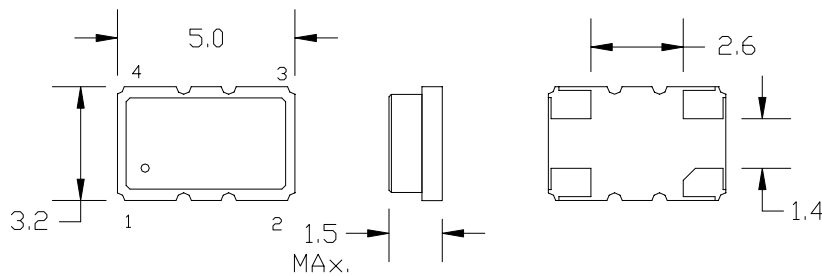


Surface Mount Oscillator, TCXO, TCVCXO  
Ceramic Package, 3.2 mm x 5 mm

I533 / I733 Series \*

Frequency	10.000 MHz to 27.000 MHz
Output Level	Clipped Sine
Level	0.8 V p-p Min.
Output Load	20K Ohms / 10 pF
Frequency Stability	See Frequency Stability Table
Frequency Stability at +25° C	± 1 ppm (I533)
Aging	± 1 ppm / Year Max.
Supply Voltage	See Supply Voltage Table, tolerance ±5 %
Current	2 mA Max.
Control Voltage (I733)	1.5 VDC ± 1.0 VDC, ±5 ppm Min.
Slope	Positive
Temperature	
Operating	See Operating Temperature Table
Storage	-40° C to +85° C
Environmental	See Appendix B for information
Package Information	MSL = N.A., Termination = e4

\* I531 = Clipped Sine TCXO, I731 = Clipped Sine TCVCXO



Pin	Connection
1	Control Voltage or N.C.
2	GND
3	Output
4	Vcc

Dimension Units: mm

Part Number Guide	Sample Part Number: I533 - 1Q3 - 20.000			
Package and Output	Operating Temperature	Frequency Stability vs. Temperature	Supply Voltage	Frequency
I533 - I733 -	7 = 0° C to +50° C	**N = ±1.0 ppm	3 = 3.3 VDC	- 20.000 MHz
	1 = 0° C to +70° C	**O = ±1.5 ppm	7 = 3.0 VDC	
	3 = -20° C to +70° C	**P = ±2.0 ppm	2 = 2.7 VDC	
	2 = -40° C to +85° C	Q = ±2.5 ppm		
		R = ±3.0 ppm		
		J = ±5.0 ppm		

NOTE: A 0.01 µF bypass capacitor is recommended between Vcc (pin 4) and Gnd (pin 2) to minimize power supply noise.

\*\* Not available at all temperature ranges.