

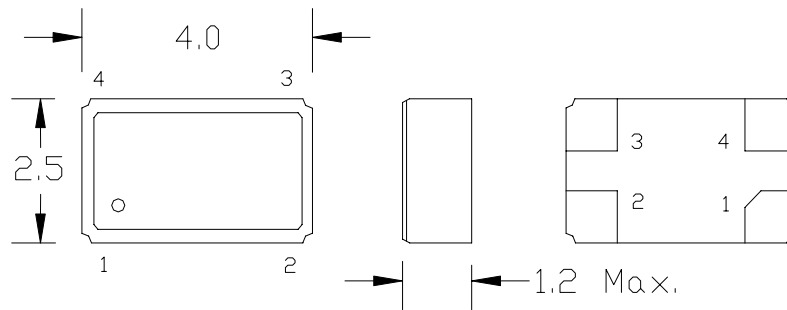


Surface Mount Oscillator, TCXO, TCVCXO
Ceramic Package, 2.5 mm x 4 mm

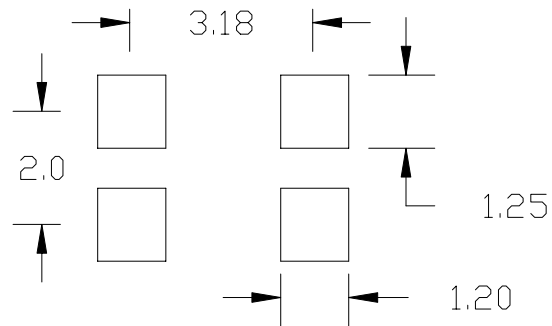
I535 / I735 Series*

Frequency	12.600 MHz to 26.000 MHz
Output Level	Clipped Sine
Level	0.8 V p-p Min.
Output Load	10K Ohms / 10 pF
Frequency Stability	See Frequency Stability Table
Frequency Stability at +25° C	± 1 ppm (I535)
Aging	± 1 ppm / Year Max.
Supply Voltage	See Supply Voltage Table, tolerance ±5 %
Current	2 mA Max. @ 3.0 VDC
Control Voltage (I735)	0.5 VDC to Vcc - 0.5 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

* I535 = Clipped Sine TCXO, I735 = Clipped Sine TCVCXO



Pin Connection
 1 Control Voltage
 2 GND
 3 Output
 4 Vcc



Dimension Units: mm

Part Number Guide		Sample Part Number: I535 - 1Q3 - 20.000		
Package and Output	Operating Temperature	Frequency Stability vs. Temperature	Supply Voltage	Frequency
I535 - I735 -	7 = 0° C to +50° C	Q = ±2.5 ppm	7 = 3.0 VDC	- 20.000 MHz
	1 = 0° C to +70° C	R = ±3.0 ppm	2 = 2.7 VDC	
	3 = -20° C to +70° C	J = ±5.0 ppm	6 = 2.5 VDC	

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