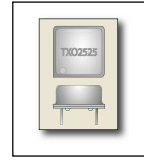


TXO 2525

Oven Controlled Crystal Oscillator



FEATURES:

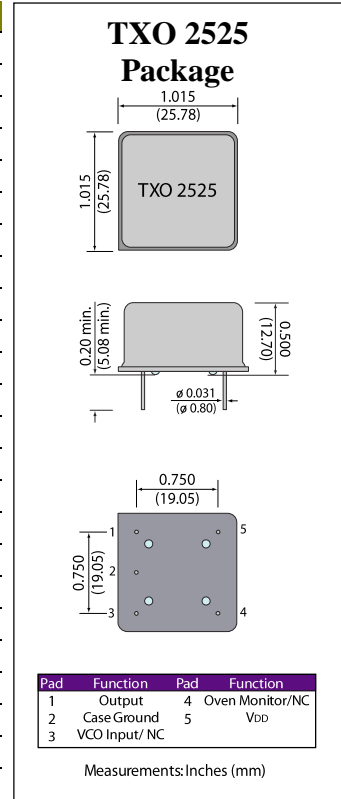
SC Cut

Metal Can, Thru-Hole

Clipped Sine Wave

25.8 x 25.8 x 12.7 mm

Parameter	Unit	Min.	Max.
Frequency ⁽¹⁾	MHz	5	100
Operating Temperature Range	°C	See Table	
Frequency Stability			
at 25°C	ppb	-10	+10
vs. Temp. Range	ppb	See Table	
vs. Voltage	ppb	-5	5
vs. Warm-up ⁽²⁾	ppb	-10	10
Aging			
Daily	ppb	-5.0	+5.0
Yearly	ppb	-50	+50
10 Years	ppm	-3.0	+3.0
Output			
Voltage	V	3.3 ±5%	
Waveform		Sine Wave	
Level	dBm	6	10
Load	Ohms	50	
Harmonics	dBc	-	-30
Spurious	dBc	-	-60
Input Power			
Current	mA	-	1000
Steady State @ 25°C	W	-	1.3
Phase Noise			
@ 10MHz	@ 10 Hz	dBc/Hz	-
	@ 100 Hz	dBc/Hz	-
	@ 1 kHz	dBc/Hz	-
	@ 10 kHz	dBc/Hz	-
Frequency Adjustment			
Range	±ppm	-	±0.5
Control	V	0.0	3.3
Slope		Positive	
Input Impedance	kOhms	100	-



Frequency Stability vs. Temperature Range

Temperature	Stability (ppb)
0 to 70°C	±3, ±5, ±10
-30 to 70°C	±5, ±10
-40 to 85°C	±5, ±10

(1) Typical Frequencies are 10, 12.8, 13, 15.36, 16.384, 19.2, 20, 25, 38.88 and 100MHz.
 (2) Warm-up in 10 minutes @ 25°C reference to 1 hours

[Click To Quote](#)

Example Part Number: TXO2525-A-50-A-27-10M000

