

TXO 2522

RoHS Complaint Optional

OCXOs TXO 2522 Series

Features:

- ◆ High Stability
- ◆ Low Phase Noise
- ◆ SC Cut
- ◆ SMD Package

TXO 2522 Specification

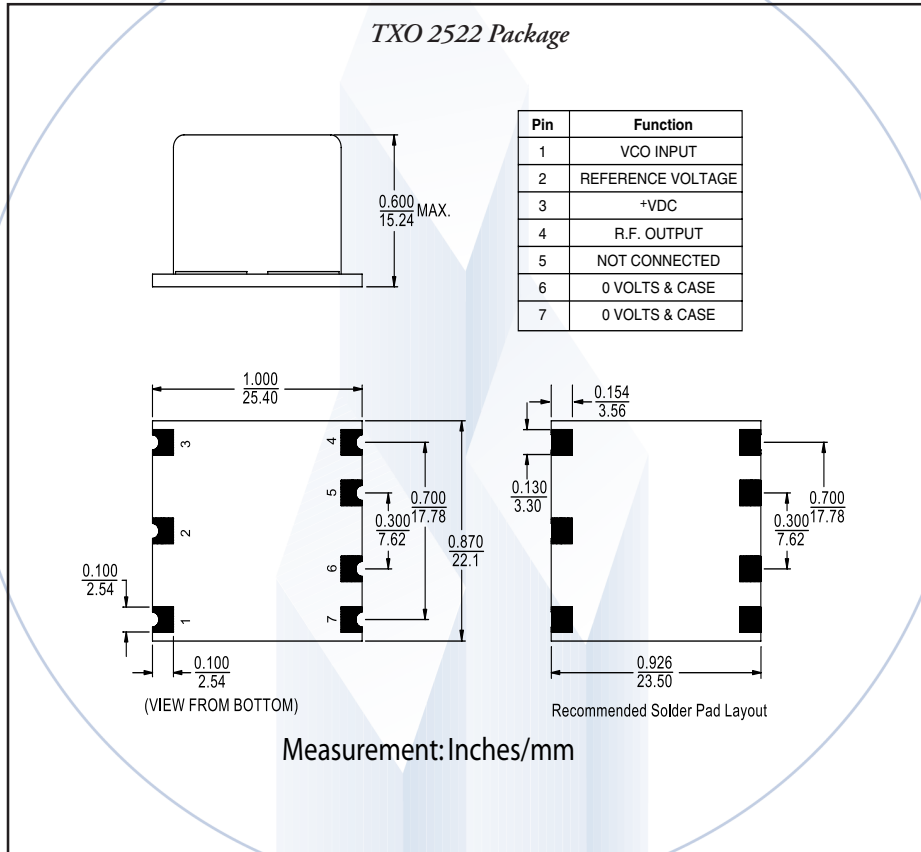
Frequency		10.00MHz
Operating Temperature		-30 to 70°C
Waveform		HCMOS
Level		"1" = 2.4 V min, "0" = 0.4 Vmax
Load		15 pF
Harmonics		-30 dBc
Spurious		-60 dBc
Frequency Stability	vs Ambient	±30 ppb
	vs Aging (at ship)	±1.0 ppb
After Indefinite Storage	Daily	±1.0 ppb after 30 days
	Yearly	±100 ppb
	10 years	±350 ppb
	vs Voltage	±10 ppb / ±5% change
	vs Short Term	±20 ppb / in 4 min. @ 25°C
Phase Noise	@10 Hz	-115 dBc/Hz
	@100 Hz	-135 dBc/Hz
Frequency Adjustment	Range	±1.0 ppm max.
	Control	2.8 V max.
	Slope	Positive
	Center	1.4 V typ.
	Input Impedance	100 K Ohms
Input Power	Voltage	3.3 V
	@ turn on (-30 to 70°C)	3.0 W max.
	Steady State @ 25°C	1.0 W max.
Reference Voltage		2.88 V typ.
	Load	9.0 K Ohms min.
	Temperature Stability	±0.01 VDC

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