

TEMPERATURE COMPENSATED CRYSTAL OSCILLATOR

LIHOM P/N : BXT-323S(V) (TCXO, VCTCXO)

FEATURES

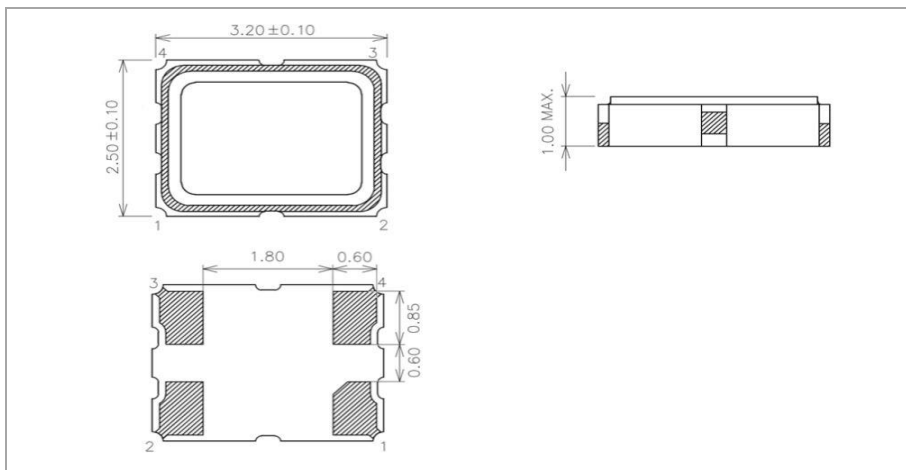
- DIMENSION (mm) : 3.20 X 2.50 X 1.00
- CERAMIC PACKAGE
- CLIPPED SINE WAVE
- SEAM SEALING
- RoHS COMPLIANT



SPECIFICATIONS

Item	Conditions	Specifications	
1	HOLDER TYPE	BXT-323S(V)	
		TCXO, BXT-323S	VCTCXO, BXT-323SV
2	POWER SUPPLY VOLTAGE	V	1.8 ~ 3.3V
3	FREQUENCY RANGE	MHz	8.192 ~ 40MHz
4	INITIAL CALIBRATION TOLERANCE	AT +25±3℃	<±1.0ppm
		PPM	±0.5ppm
		OPERATING TEM. RANGE	-30 ~ +85℃ (-40 ~ +85℃ Option)
		Vs AGING	±1.0ppm /Year Max. At 25℃
		Vs VOLTAGE CHANGE	±0.2ppm At Vdd±5%DC
5	FREQUENCY STABILITY	Vs LOAD CHANGE	±0.2ppm At 10KΩ±5%
		STORAGE TEMPERATURE RANGE	℃
6	OUTPUT VOLTAGE LEVEL	PEAK TO PEAK	0.8V p-p Min
7	CURRENT CONSUMPTION	mA	2mA
8	FREQUENCY TUNING	CONTROL VOLTAGE CENTER	0.9V ± 0.6V (Vdd =1.8V) 1/2Vdd ±1.0V (Vdd =2.5V ~3.3V)
		FREQUENCY DEVIATION	±5ppm Min
		SLOPE POLARITY	Positive
9	START-UP TIME		5.0mS
10	OUTPUT LOAD		10KΩ // 10pF ± 10%
11	OUTPUT WAVE FORM		CLIPPED SINE WAVE (DC-COUPLING)

DIMENSION



TERMINAL	CONNECTION
#1	Vc / NC or GND
#2	GND
#3	OUTPUT
#4	Vdd