

TEMPERATURE COMPENSATED CRYSTAL OSCILLATOR

LIHOM P/N : BXT-533S(V) (TCXO, VCTCXO)

FEATURES

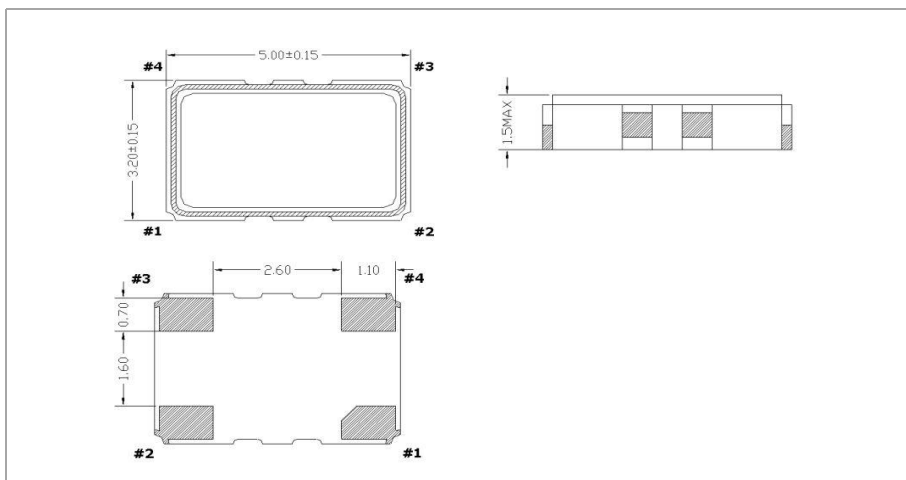
- DIMENSION (mm) : 5.00 X 3.20 X 1.50
- CERAMIC PACKAGE
- CLIPPED SINE WAVE
- SEAM SEALING
- RoHS COMPLIANT



SPECIFICATIONS

Item	Conditions	Specifications
1	HOLDER TYPE BXT-533S(V)	5.0X3.2mm
		TCXO, BXT-533S VCTCXO, BXT-533SV
2	POWER SUPPLY VOLTAGE V	2.5 ~ 3.3V
3	FREQUENCY RANGE MHz	6.4 ~ 40MHz
4	INITIAL CALIBRATION TOLERANCE AT +25±3 °C	<±1.5ppm
5	FREQUENCY STABILITY	PPM ±3ppm
	OPERATING TEM. RANGE	-30 ~ +85 °C (-40 ~ +85 °C Option)
	Vs AGING	±1.0ppm /Year Max. At 25 °C
	Vs VOLTAGE CHANGE	±0.2ppm At Vdd±5%DC
	Vs LOAD CHANGE	±0.2ppm At 10KΩ±5%
6	STORAGE TEMPERATURE RANGE °C	-55 ~ +125 °C
7	OUTPUT VOLTAGE LEVEL PEAK TO PEAK	0.8V p-p Min
8	CURRENT CONSUMPTION mA	2mA
9	FREQUENCY TUNING	CONTROL VOLTAGE CENTER 1/2Vdd ±1.0V (Vdd =2.5V ~3.3V)
	FREQUENCY DEVIATION	±5ppm Min
	SLOPE POLARITY	Positive
10	START-UP TIME	5.0ms
11	OUTPUT LOAD	10KΩ // 10pF ± 10%
12	OUTPUT WAVE FORM	CLIPPED SINE WAVE (DC-COUPLING)

DIMENSION



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