

TEMPERATURE COMPENSATED CRYSTAL OSCILLATOR SERIES LTX-231

● FEATURES

- LOW PROFILE PACKAGE
- TOLERANCE AND ATABILITY TO $\pm 2.5\text{PPM}$
- LOW COST

● SPECIFICATIONS

SERIES		LTX-231
FREQUENCY RANGE		9.60 Mhz TO 45.00 Mhz
FREQUENCY STABILITY OVER TEMPERATURE RANGE		$\pm 2.5\text{PPM}$
OPERATING TEMPERRATURE RANGE		-30 TO +75
FREQUENCY STABILITY US SUPPLY VOLTAGE		0.3 PPM AT $\pm 5.5\%$
INPUT	VOLTAGE +	+5V $\pm 5\%$
	CURRENT	2.0 mA MAX
OUPUT	WAVEFORM +	CLIPPED SINEWAVE OR CMOS /TTL
	LOAD	10 K OHM/10pF OR 2 TTL/15 pF
	VOLTAGE	1 Vp-p MIN
AGING		$\pm 1\text{ PPM PER YEAR MAX}$
FREQUENCY ADJUSTMENT		$\pm 3\text{PPM MIN}$
FREQUENCY DEVIATION		$\pm 8\text{PPM TO } \pm 15\text{PPM (205 VDC } \pm 2.0\text{V)}$
OPERABLE TEMPERATURE RANGE		-40 TO 85

+ OTHER STABILITIES OVER TEMPERRATURE . +0.3V SUPPLY AND OUTPUT WAVEFORMS ARE AVAILABLE

● PART NUMBERING SYSTEM

TYPE	REVISION	SERIES	FREQUENCY STABILITY	TEMPERATURE RANGE	VOLTAGE	TRIMMER	WAVEFORM	FREQUENCY
LTX	TBD*	231	E: $\pm 2.5\text{ PPM}$	F1: -30 TO 75	5: +5.0 VDC $\pm 5\%$	T	S: CLIPPED SINE C: CMOS/TTL	IN MHZ

EXAMPLE:LTX*-231EF15-TS-10.000

● **OUTLINE DRAWING**

Scale none Dimension in $\frac{\text{Mm}}{\text{inch}}$

