

SERIES RTX-230 AND RTV-230

- FEATURES
- ULTRA MINIATURE PACKAGE
- EXCELLENT FREQUENCY STABILITY AND AGING
- 5.0 V OR 3.0 V SUPPLY VOLTAGE

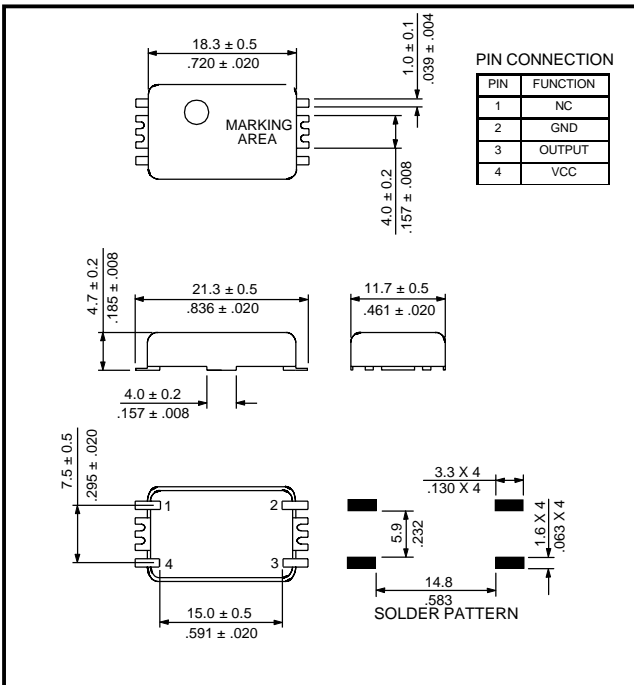
● SPECIFICATIONS

SERIES	RTX-230 AND RTV-230	
FREQUENCY RANGE	9.60 MHz TO 45.00 MHz	
FREQUENCY STABILITY OVER TEMPERATURE RANGE†	±2.5 PPM	
OPERATING TEMPERATURE RANGE	-30°C TO 75°C	
FREQUENCY STABILITY VS. SUPPLY VOLTAGE	0.3 PPM AT +5V ± 5%	
INPUT	VOLTAGE†	+5V ± 5%
	CURRENT	2.0 mA MAX
OUTPUT	WAVEFORM†	CLIPPED SINEWAVE OR CMOS/TTL
	LOAD	10 K OHM / 10pF OR 2 TTL/15 pF
	VOLTAGE	1Vp-p MIN
AGING	±1 PPM PER YEAR MAX	
FREQUENCY ADJUSTMENT	±3 PPM MIN	
FREQUENCY DEVIATION	±8 PPM TO ±15 PPM (+2.5 VDC ±2.0V)	
OPERABLE TEMPERATURE RANGE	-40°C TO +85°C	

† OTHER STABILITIES OVER TEMPERATURE, +3.0 V SUPPLY, AND OUTPUT WAVEFORMS ARE AVAILABLE. CONSULT RAMI FOR OTHER SPECS.



● OUTLINE DRAWING



● PACKAGING

ANTI-STATIC ELECTRIC TRAY
QUANTITY: 70PIECES PER TRAY

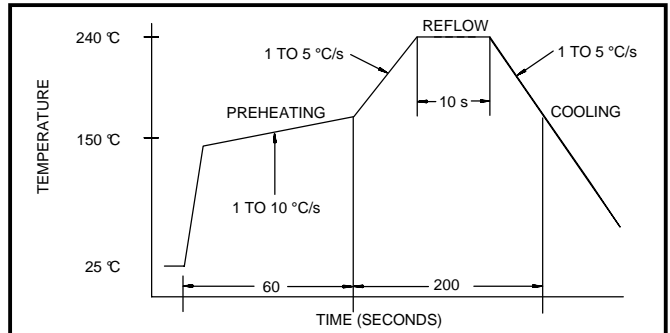
● PART NUMBERING SYSTEM

TYPE	REVISION	SERIES	FREQUENCY STABILITY	TEMPERATURE RANGE	VOLTAGE	FREQUENCY CONTROL (RTV ONLY)	TRIMMER	WAVEFORM	FREQUENCY
RTX RTV	TBD*	230	E: ±2.5 PPM	F1 : -30°C TO 75°C	5: +5.0 VDC ± 5%	X: ±5 PPM TO ±15PPM (+2.5 V±2 V)	T	S: CLIPPED SINE C: CMOS/TTL	IN MHz

EXAMPLE: RTX*-230-EF15-TS-15.360

* REVISION IS ASSIGNED DURING MANUFACTURING

● REFLOW SOLDERING PROFILE



● CARRIER TRAY DIMENSIONS

