

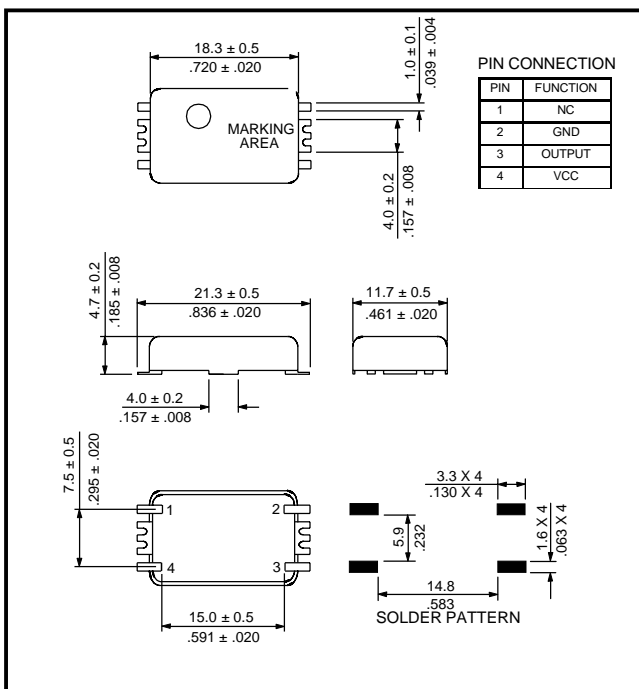
- FEATURES
- ULTRA MINIATURE PACKAGE
- EXCELLENT FREQUENCY STABILITY AND AGING
- 5.0 V OR 3.0 V SUPPLY VOLTAGE

#### ● 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 RALTRON FOR OTHER SPECIFICATIONS.

#### ● OUTLINE DRAWING



#### ● PACKAGING

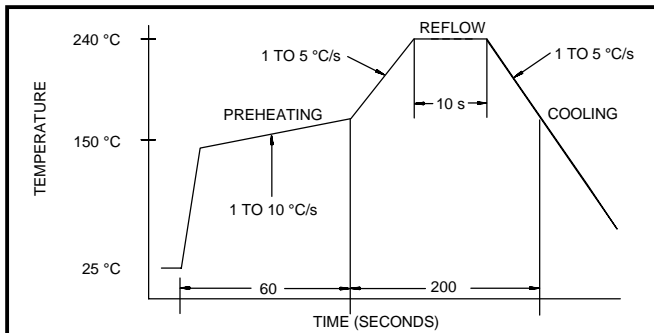
ANTI-STATIC ELECTRIC TRAY  
QUANTITY: 70PIECES PER TRAY

#### ● PART NUMBERING SYSTEM

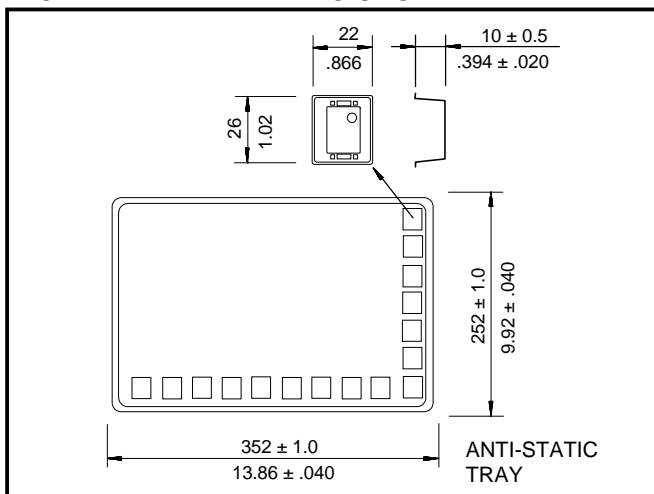
TYPE	REVISION	SERIES	FREQUENCY STABILITY	TEMPERATURE RANGE	VOLTAGE	FREQUENCY CONTROL (RTV ONLY)	TRIMMER	WAVEFORM	FREQUENCY
RTX RTV	TBD*	230	E: ±2.5 PPM	F1 :-30°C TO 75°C	5: +5.0 VDC ± 5%	X: ±5 PPM TO ±15PPM (+2.5 V±2 V)	T	S: CLIPPED SINE C: CMOS/TTL	IN MHz



#### ● REFLOW SOLDERING PROFILE



#### ● CARRIER TRAY DIMENSIONS



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

\* REVISION IS ASSIGNED DURING MANUFACTURING