

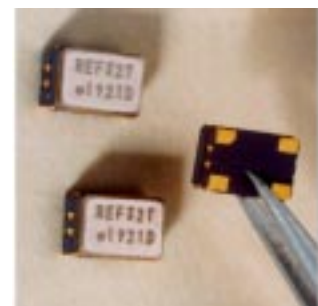
FEATURES

- Ultra Miniature Package
- Excellent frequency stability over temperature
- Low Voltage

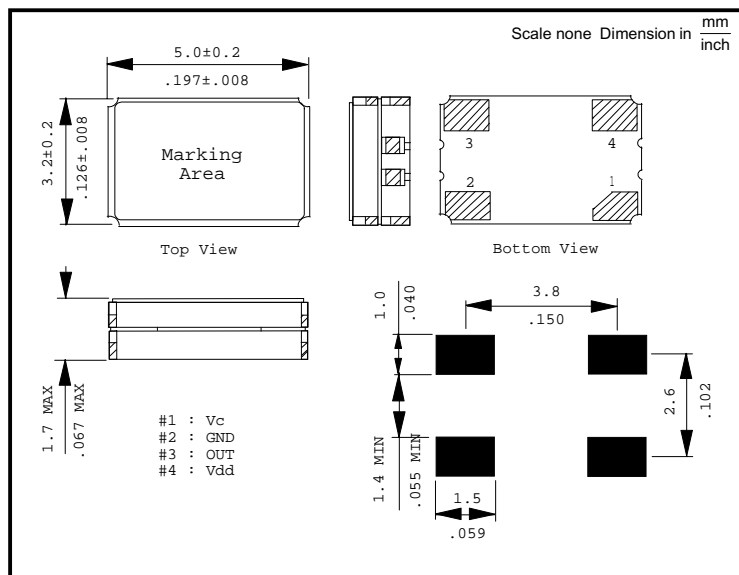
RTVY-124 Series

SPECIFICATIONS

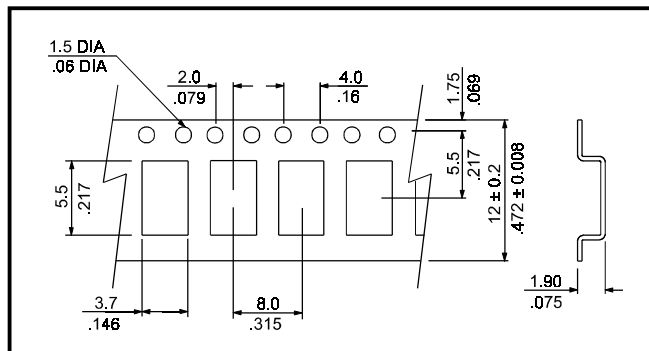
FREQUENCY RANGE	12.80 MHz TO 19.68 MHz AND 26.00 MHz
FREQUENCY STABILITY OVER TEMPERATURE RANGE	±2.0 PPM MAXIMUM
OPERATING TEMPERATURE RANGE	-30°C TO +85°C
FREQUENCY STABILITY VS SUPPLY VOLTAGE VARIATION	±0.3 PPM MAXIMUM
AGING	±1.0 PPM PER YEAR MAXIMUM
SUPPLY VOLTAGE	+3.0V±10% AND 2.7V±5% (OPTIONAL)
CURRENT CONSUMPTION	2.0 mA MAXIMUM
OUTPUT LEVEL	0.8 Vp-p MINIMUM
OUTPUT LOAD	10kΩ // 10pF ±10%
CONTROL VOLTAGE RANGE	0.5V TO 2.5V
FREQUENCY CONTROL RANGE	±5PPM TO ±12 PPM
PHASE NOISE	-110dBc TYP. AT 100Hz OFFSET



OUTLINE DRAWING



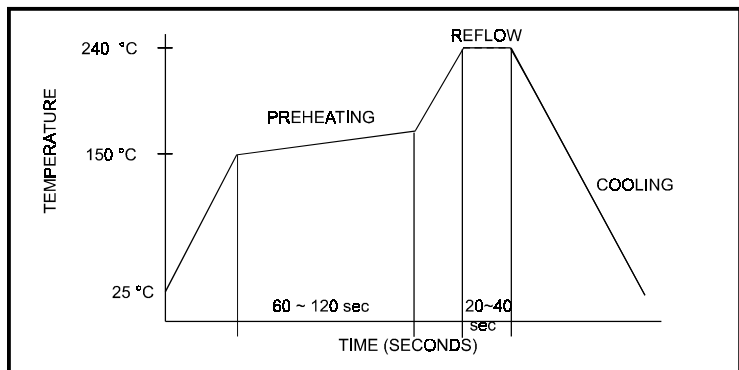
CARRIER TAPE DIMENSIONS



PACKAGING

178 mm REEL DIAMETER, 12mm TAPE WIDTH,
8mm PITCH
QUANTITY: 1000 PIECES PER REEL

REFLOW SOLDERING PROFILE



PART NUMBERING SYSTEM

TYPE	REVISION	SERIES	STABILITY	TEMPERATURE RANGE	VOLTAGE	FREQUENCY CONTROL	WAVEFORM	FREQUENCY	TAPE AND REEL
RTV	Y	124	D: ±2.0 PPM E: ±2.5 PPM	F3: -30°C TO +80°C	27: +2.7V 3: +3.0V	O: ±5PPM TO ±12 PPM	S: CLIPPED SINE	IN MHz	TR

Example: RTVY-124DF3270-S-13.000-TR