

SERIES RT3215 AND RT4115



FEATURES

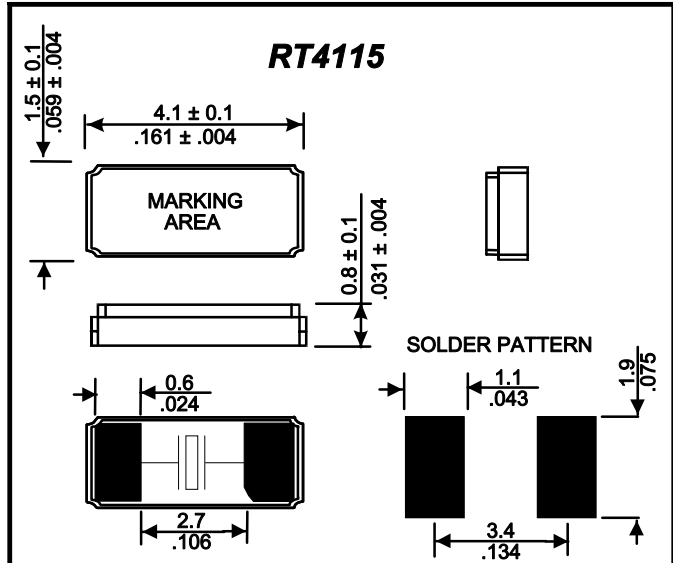
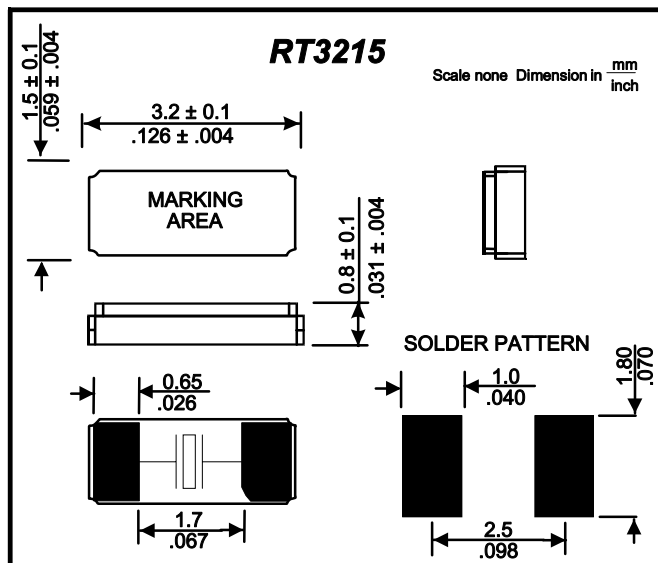
- SUITABLE FOR TIME OF DAY CLOCKS
- IDEAL FOR HIGH DENSITY PACKAGING APPLICATION
- SMALL AND COMPACT PACKAGE
- RoHS COMPLIANT /LEAD FREE

SPECIFICATIONS

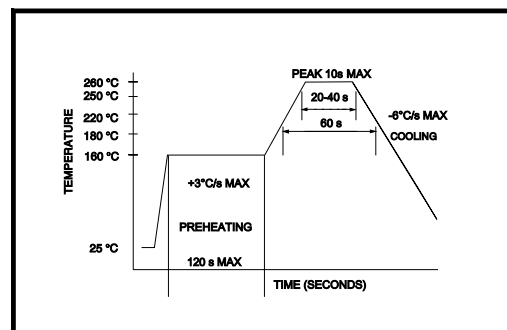
NOMINAL FREQUENCY	RT3215	RT4115
NOMINAL FREQUENCY	32.768 KHz	
FREQUENCY TOLERANCE	± 20 PPM MAX AT +25°C	
TURNOVER TEMPERATURE	+25 $\pm 5^\circ\text{C}$	
TEMPERATURE COEFFICIENT	$-0.04 \times 10^{-6} / ^\circ\text{C}^2$ MAX	
SHUNT CAPACITANCE	1.5pF TYP	
LOAD CAPACITANCE	12.5pF(STANDARD), 9pF	
EQUIVALENT SERIES RESISTANCE (ESR)	80 K OHM MAX	65 K OHM MAX
DRIVE LEVEL	1.0 μW MAXIMUM	
OPERATING TEMPERATURE RANGE	-40°C TO $+85^\circ\text{C}$	
STORAGE TEMPERATURE RANGE	-40°C TO $+85^\circ\text{C}$	
INSULATION RESISTANCE	500 M OHMS MIN	
AGING	± 3 PPM PER YEAR	



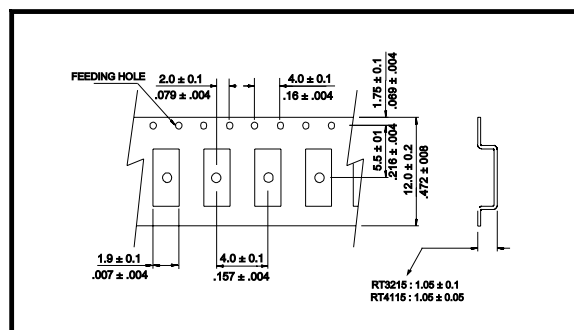
OUTLINE DRAWINGS



REFLOW SOLDERING PROFILE



TAPE DIMENSIONS



PART NUMBERING

EX: RT4115-32.768-12.5-TR, RT3215-32.768-9-TR

PACKAGING

3,000 PCS PER REEL; 180 $\pm 0/-3.0$ mm REEL DIAMETER, 9.0 ± 0.3 mm TAPE WIDTH, 4.0 ± 0.1 mm PITCH