

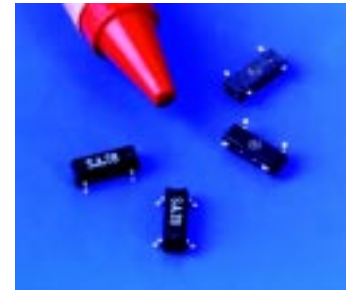
### SERIES RSE H2

#### FEATURES

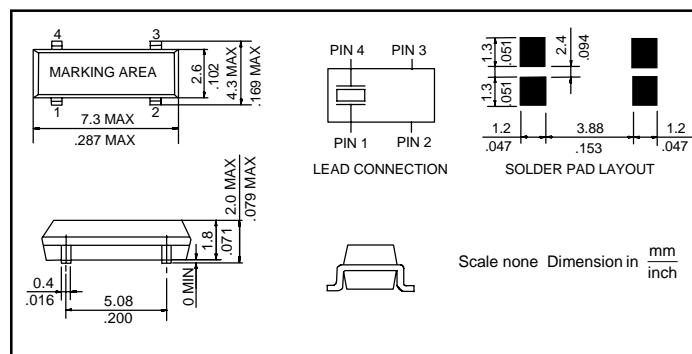
- SUITABLE FOR TIME OF DAY CLOCK APPLICATIONS
- LOW PROFILE 2 mm HEIGHT
- EXCELLENT FOR AUTOMATIC AND HIGH DENSITY SURFACE MOUNTING

#### SPECIFICATIONS

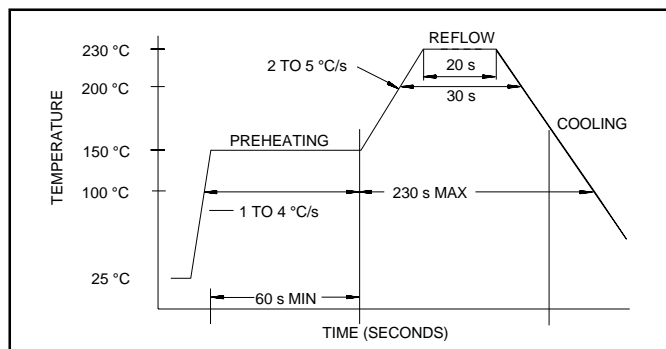
NOMINAL FREQUENCY	32.768 KHz
FREQUENCY TOLERANCE	±20 PPM MAXIMUM (±50 PPM AND ±100 PPM AVAILABLE)
TURNOVER TEMPERATURE	±25 °C ±5 °C
TEMPERATURE COEFFICIENT	(-0.035 ± 0.8) PPM/ D °C <sup>2</sup>
LOAD CAPACITANCE	6 OR 12.5 pF
EQUIVALENT SERIES RESISTANCE	55 K OHM MAXIMUM
DRIVE LEVEL	0.1 µW MAXIMUM
SHUNT CAPACITANCE	1.5 pF MAXIMUM
AGING (FIRST YEAR)	±5 PPM MAXIMUM
OPERATING TEMPERATURE RANGE	-40 °C TO +85 °C
STORAGE TEMPERATURE RANGE	-55 °C TO +125 °C
SHOCK RESISTANCE	±5 PPM MAXIMUM 75 cm DROP TEST IN 3 AXES ONTO A HARD SURFACE OR 3000 g x 0.3 ms x ½ SINEWAVE IN 3 AXES
SOLDER REFLOW CONDITIONS	230 °C MAXIMUM FOR 20 s MAXIMUM



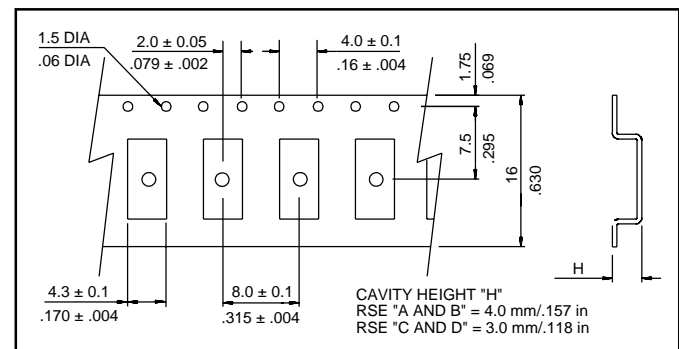
#### OUTLINE DRAWING



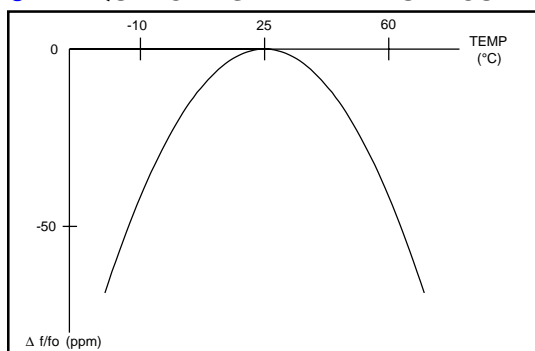
#### REFLOW SOLDERING PROFILE



#### CARRIER TAPE DIMENSIONS



#### FREQUENCY VS. TEMPERATURE CURVE



#### PACKAGING

330mm REEL DIAMETER  
 16mm TAPE WIDTH, 8mm PITCH  
 QUANTITY: 3000 PIECES PER REEL

#### PART NUMBERING SYSTEM

HOLDER TYPE	FREQUENCY	LOAD CAPACITANCE	H2	TAPE AND REEL
RSE	IN KHz	6 OR 12.5 pF		T

EXAMPLE: RSE-32.768-6-H2-T