

#### FEATURES

- SUITABLE FOR TIME OF DAY CLOCK APPLICATIONS
- LOW FREQUENCY RANGE
- EXCELLENT FOR AUTOMATIC AND HIGH DENSITY SURFACE MOUNTING

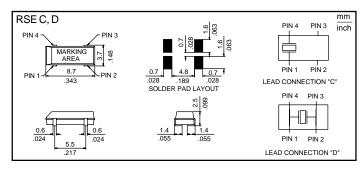
### SPECIFICATIONS

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NOMINAL FREQUENCY	32.768 KHz	24.00 TO 350.00 KHz	351.00 KHz TO 615.00 KHz						
FREQUENCY TOLERANCE	±20 PPM MAXIMUM (±50 PPM AND ±100 PPM AVAILABLE)								
TURNOVER TEMPERATURE	±25°C ±5°C	±25°C ±8°C	±25°C ±15°C						
TEMPERATURE COEFFICIENT	(-0.035 ± 0.008) PPM/ Δ °C²								
LOAD CAPACITANCE	6.0 TO 12.5 pF								
EQUIVALENT SERIES RESISTANCE (ESR)			20 K OHM MAXIMUM						
DRIVE LEVEL	1.0 μW MAXIMUM								
SHUNT CAPACITANCE	1.0 pF TYPICAL	0.95 pF TYPICAL	0.9 pF TYPICAL						
AGING (FIRST YEAR)	±5 PPM MAXIMUM								
OPERATING TEMPERATURE RANGE	-40°C TO +85°C								
STORAGE TEMPERATURE RANGE	-55°C TO +125°C								
SHOCK RESISTANCE	$\pm 5$ PPM MAXIMUM 75 cm DROP TEST IN 3 AXES ONTO A HARD SURFACE OR 3000 g x 0.3 ms x $1\!\!\!/_2$ SINEWAVE IN 3 AXES								
SOLDER REFLOW CONDITIONS	230 °C MAXIMUM FOR 20 s MAXIMUM								

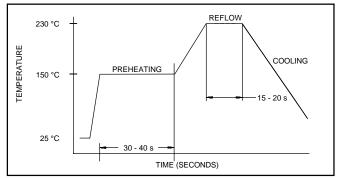


SERIES RSE C, D

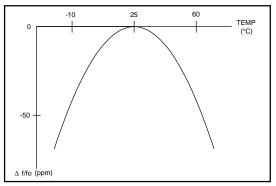
#### OUTLINE DRAWINGS



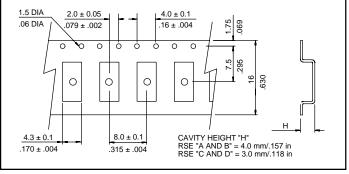
## REFLOW SOLDERING PROFILE



#### FREQUENCY VS. TEMPERATURE CURVE



## CARRIER TAPE DIMENSIONS



# PACKAGING

330mm REEL DIAMETER 16mm TAPE WIDTH, 8mm PITCH QUANTITY: RSE A OR B 2000 PIECES PER REEL RSE C OR D 3000 PIECES PER REEL

### PART NUMBERING SYSTEM

HOLDER TYPE		FREQUENCY		LOAD CAPACITANCE	- 1	CIRCUIT TYPE		TAPE AND REEL
RSE	-	IN KHz	-	6 OR 12.5 pF		АВСО	1	TR

EXAMPLE: RSE-32.768-12.5-B-TR