

- **FEATURES**
  - COMPACT DESIGN
  - HIGH ACCURACY
  - EXCELLENT FOR HIGH DENSITY SURFACE MOUNTING

- **SPECIFICATIONS**

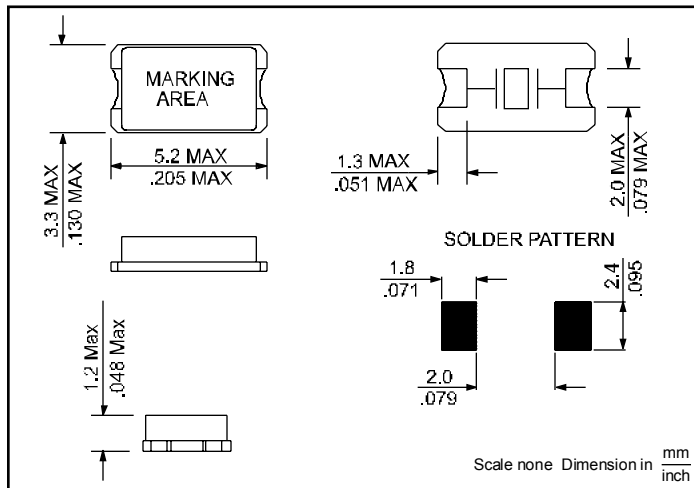
PARAMETER	VALUE
FREQUENCY RANGE	10.00 MHz TO 45.00 MHz
FREQUENCY TOLERANCE AT 25°C	±100 PPM MAXIMUM (±10 PPM, ±30 PPM AND ±50 PPM AVAILABLE)
FREQUENCY STABILITY OVER TEMPERATURE	±100 PPM MAXIMUM (±10 PPM, ±30 PPM AND ±50 PPM AVAILABLE)
OPERATING TEMPERATURE RANGE	-10°C TO 60°C
STORAGE TEMPERATURE RANGE	-40°C TO 85°C
EQUIVALENT SERIES RESISTANCE	SEE TABLE 1
LOAD CAPACITANCE	16 pF TO 32 pF OR SERIES
SHUNT CAPACITANCE	7.0 pF MAXIMUM
DRIVE LEVEL	500 µW MAX
SHOCK RESISTANCE	±5 PPM MAXIMUM 75 cm DROP TEST IN 3 AXES ON TO A HARD SURFACE
REFLOW CONDITIONS	245°C ± 5°C FOR 10s MAXIMUM



**TABLE 1**

FREQUENCY (MHz)	MODE	MAXIMUM ESR (OHMS)
10.00 TO 11.9	FUND	150
12.00 TO 15.9	FUND	100
16.00 TO 29.9	FUND	70
30.00 TO 45.00	FUND	50

- **OUTLINE DRAWINGS**



- **PACKAGING**

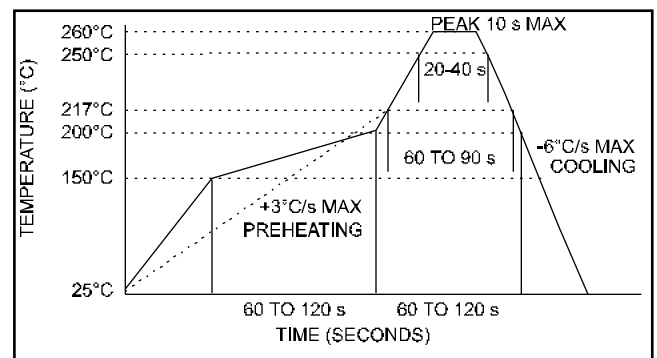
178 mm REEL DIAMETER  
12 mm TAPE WIDTH, 8mm PITCH  
QUANTITY: 1000 PIECES PER REEL

- **PART NUMBERING SYSTEM**

HOLDER TYPE	FREQUENCY	LOAD CAPACITANCE	OPTION
RH130	IN MHz	16 TO 32 pF FOR PARALLEL S FOR SERIES	TR TAPE AND REEL

EXAMPLE: RH130-14.31818-18-TR

- **SOLDER REFLOW PROFILE**



- **CARRIER TAPE DIMENSIONS**

