

SERIES RH100



● FEATURES

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

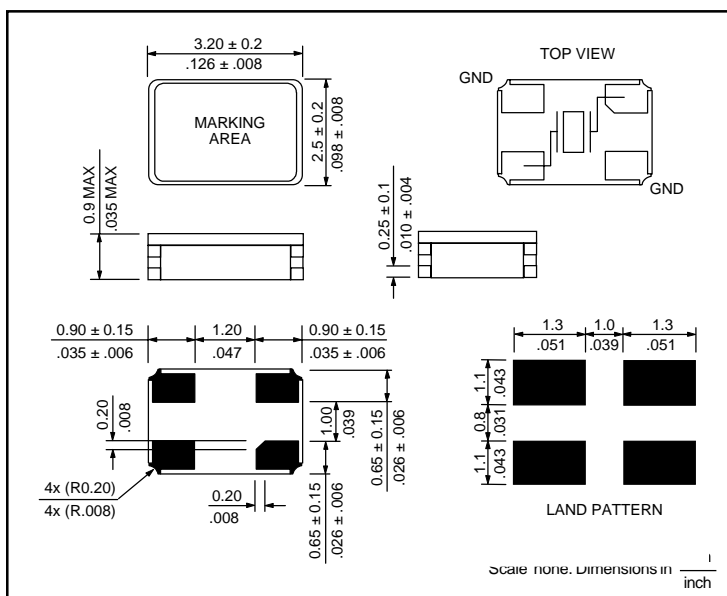
● SPECIFICATIONS

Frequency Range	20.00 MHz to 55.00 MHz
Frequency Tolerance at 25° C	±100 PPM Maximum (±20 PPM and ±50 PPM Available)
Frequency Stability over Temperature	±100 PPM Maximum (±20 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 uW Maximum
Shock Resistance	±5 PPM Max, 75 cm Drop Test in 3 Axes on to a Hard Surface
Reflow Conditions	245° C ±5° C for 10 sec Maximum

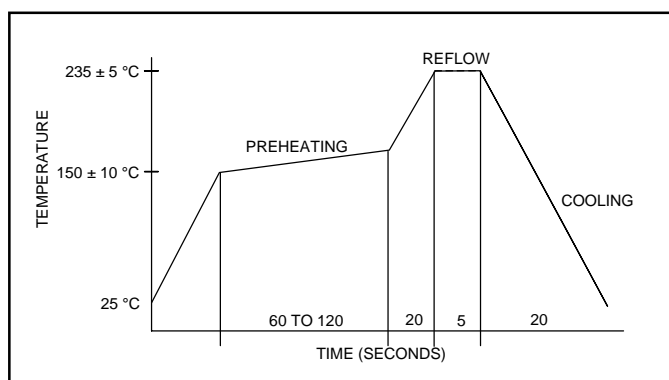
Table 1

Frequency (MHz)	Mode	Maximum ESR (OHMS)
20.00 to 29.99	Fund	100
30.00 to 55.00	Fund	50

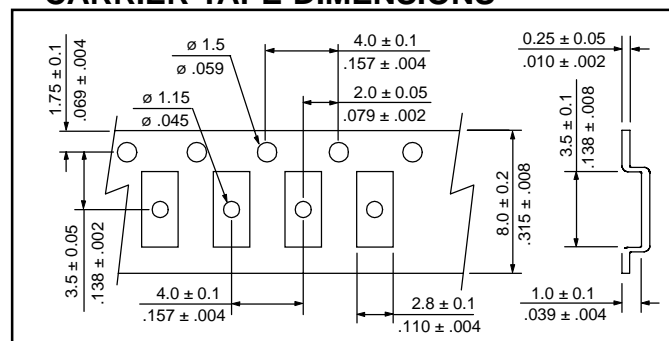
- **OUTLINE DRAWING**



- **SOLDER REFLOW PROFILE**



- **CARRIER TAPE DIMENSIONS**



- **PACKAGING**

178 mm REEL DIAMETER
8 mm TAPE WIDTH, 4 mm PITCH
QUANTITY: 1000 PIECES PER REEL

- **PART NUMBERING SYSTEM**

HOLDER TYPE		FREQUENCY		LOAD CAPACITANCE		OPTION	
RH100	-	IN MHz	-	16 TO 32 pF FOR PARALLEL S FOR SERIES	-	TR	TAPE AND REEL

EXAMPLE: RH100-16.000-18-TR