

### SERIES H10S

#### ● FEATURES

- LOW PROFILE 1.1 mm MAXIMUM HEIGHT
- HIGH ACCURACY AND STABILITY
- WIDE FREQUENCY RANGE FROM 10.00 MHz TO 200.00 MHz

#### ● SPECIFICATIONS

FREQUENCY RANGE	10.00 MHz TO 200.00 MHz
FREQUENCY TOLERANCE AT 25°C	±10, ±30, ±50, ±100 PPM
FREQUENCY STABILITY OVER TEMPERATURE	±4, ±10, ±30, ±50, ±100 PPM
OPERATING TEMPERATURE RANGE	-10°C TO +60°C STANDARD -40°C TO +85°C EXTENDED
STORAGE TEMPERATURE RANGE	-40°C TO +85°C
AGING	±2 PPM PER YEAR
EQUIVALENT SERIES RESISTANCE (ESR)	SEE TABLE 1
LOAD CAPACITANCE	10 pF TO 32 pF OR SERIES
SHUNT CAPACITANCE	7.0 pF MAXIMUM
DRIVE LEVEL	1.0 ± 0.2 mA TYPICAL
REFLOW CONDITIONS	SEE REFLOW SOLDER PROFILE

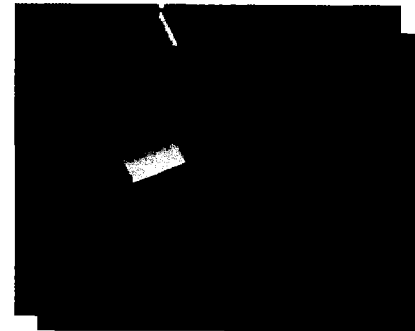
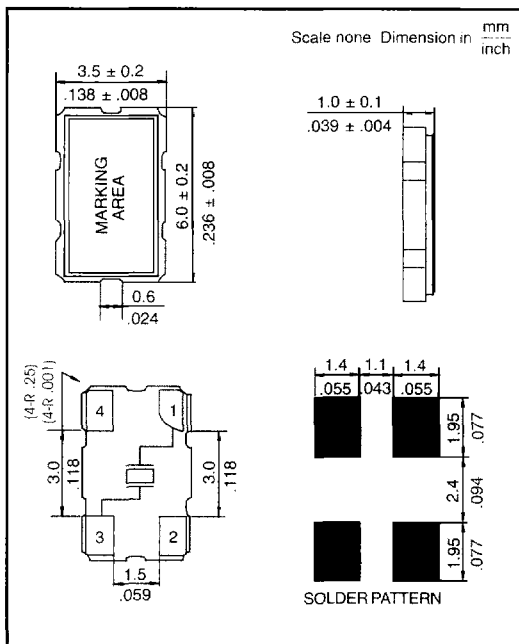


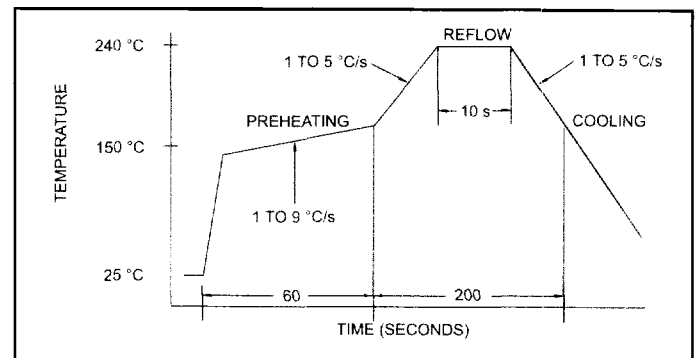
TABLE 1

MODE OF OSCILLATION	FREQUENCY RANGE (MHz)	LOAD CAPACITANCE	MAX ESR (OHM)
FUNDAMENTAL	10.00 TO 45.00	16 pF TO 32 pF OR SERIES	30
THIRD OVERTONE (3OT)	40.00 TO 150.00	16 pF TO 32 pF OR SERIES	50
FIFTH OVERTONE (5OT)	100.00 TO 200.00	SERIES RESONANCE	90

#### ● OUTLINE DRAWING

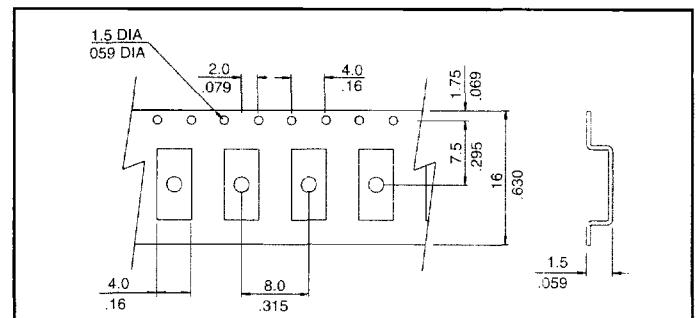


#### ● SOLDER REFLOW PROFILE



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#### ● CARRIER TAPE DIMENSIONS



#### ● PACKAGING

250 mm REEL DIAMETER  
16 mm TAPE WIDTH, 8 mm PITCH  
QUANTITY: 1000 PIECES PER REEL

#### ● PART NUMBERING SYSTEM

HOLDER TYPE	FREQUENCY	LOAD CAPACITANCE	MODE		EXTENDED TEMPERATURE	TAPE AND REEL
			FUND 3OT 5OT	FUNDAMENTAL THIRD OVERTONE FIFTH OVERTONE		
H10S	IN MHz	10 TO 32 pF FOR PARALLEL S FOR SERIES			EXT	T

EXAMPLE: H10S-45.00-32-FUND-T