

## SERIES H120B

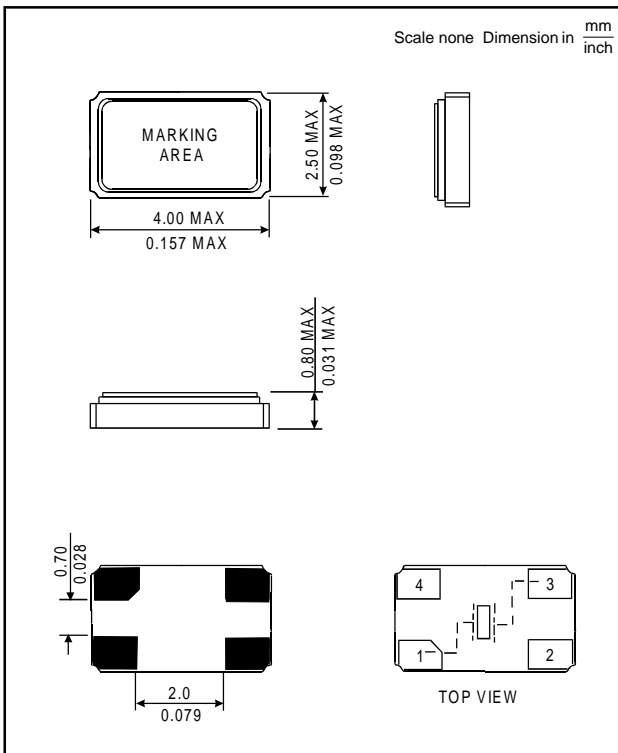
### FEATURES

- SMALL PACKAGE OF 4.0 x 2.5 x 0.9 mm
- EXCELLENT TOLERANCE AND STABILITY
- CUSTOM SPECIFICATION AVAILABILITY

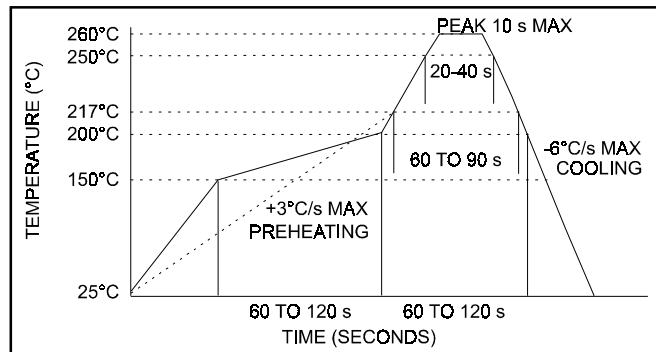
### SPECIFICATIONS

FREQUENCY RANGE	12.000 TO 32.000 MHz
MODE OF OSCILLATION	FUNDAMENTAL
FREQUENCY TOLERANCE AT 25° C	±10 PPM, ±30 PPM, ±50 PPM
FREQUENCY STABILITY OVER TEMPERATURE	±10 PPM, ±30 PPM, ±50 PPM
OPERATING TEMPERATURE RANGE	-20°C TO +70°C
STORAGE TEMPERATURE RANGE	-30°C TO +85°C
AGING	±2 PPM PER YEAR MAXIMUM
LOAD CAPACITANCE	8 TO 32 pF OR SERIES
EQUIVALENT SERIES RESISTANCE (ESR)	60 OHMS MAX
DRIVE LEVEL	0.1 mW MAX
REFLOW CONDITIONS	260° C MAX FOR 10s MAXIMUM

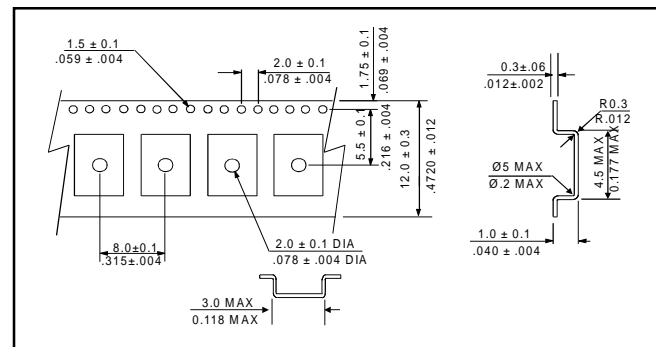
### OUTLINE DRAWINGS



### SOLDER REFLOW PROFILE



### CARRIER TAPE DIMENSIONS



### PART NUMBERING SYSTEM

HOLDER TYPE	FREQUENCY	LOAD CAPACITANCE	TOLERANCE / STABILITY	EXTENDED TEMPERATURE	TAPE AND REEL
H120B	IN MHz	8 TO 32 pF FOR PARALLEL S FOR SERIES	EXAMPLES: 3050 3030 1030	EXT	TR

**EXAMPLE:** H120B-12.288-18-5050-TR (H120B PACKAGE, 12.288MHz, 18pF LOAD, ±50PPM TOLERANCE, ±50PPM STABILITY, TR TAPE & REEL PACKAGING)