

FEATURES

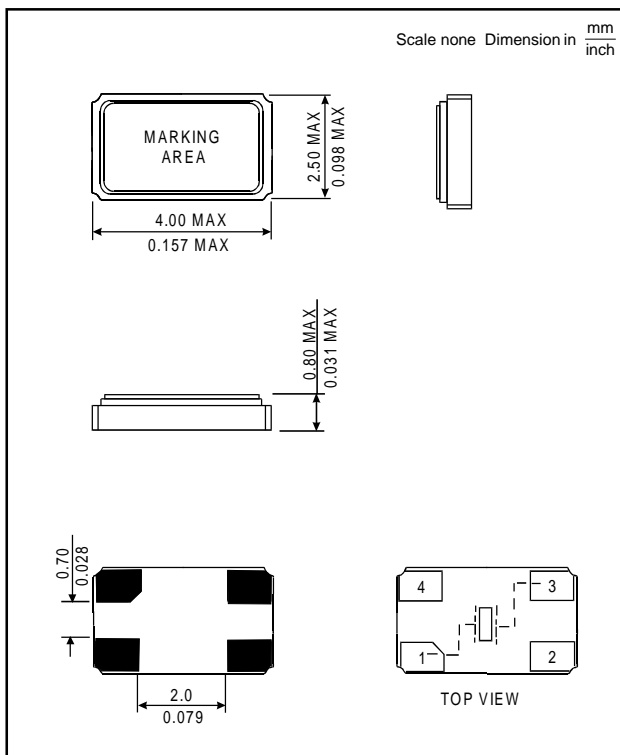
- SMALL PACKAGE OF 4.0 x 2.5 x 0.9 mm
- EXCELLENT TOLERANCE AND STABILITY
- CUSTOM SPECIFICATION AVAILABILITY

SERIES H120B

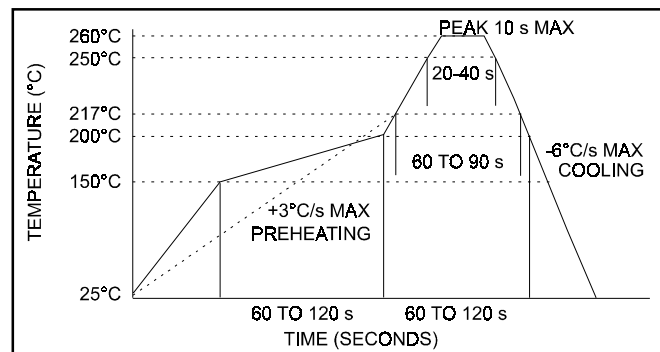
SPECIFICATIONS

| | |
|--------------------------------------|----------------------------|
| 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 |

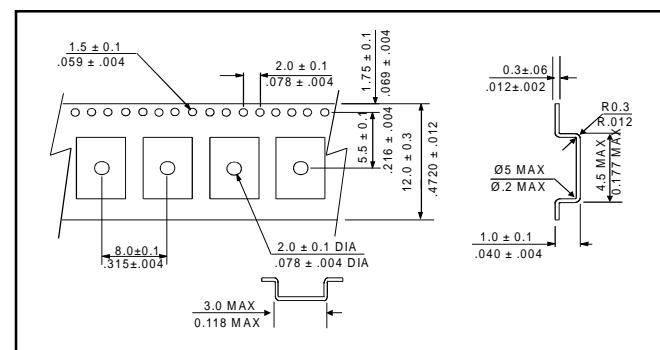
OUTLINE DRAWINGS



SOLDER REFLOW PROFILE



CARRIER TAPE DIMENSIONS



PART NUMBERING SYSTEM

| HOLDER TYPE | FREQUENCY | LOAD CAPACITANCE | MODE | TOLERANCE / STABILITY | EXTENDED TEMPERATURE | TAPE AND REEL |
|-------------|-----------|-------------------------------------|----------|-----------------------------------|----------------------|---------------|
| H120B | IN MHz | 8 TO 32 pF = PARALLEL S = SERIES | F = FUND | 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)