

ULTRA MINIATURE SURFACE MOUNT WATCH CRYSTAL FSP

The FSP is our smallest SMD watch crystal yet. This thermoplastic package with overall dimensions of 7.3 x 2.8 x 2mm is ideal for applications with a minimum of available space.

FEATURES

- Ultra Miniature Package
- Industry Standard
- 2.0mm Height
- Tape and Reel (3,000 pcs. STD)

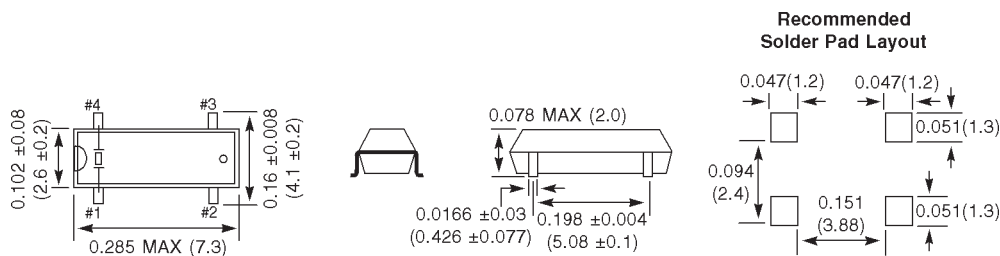


Actual Size

• FSP STANDARD SPECIFICATIONS

| PARAMETERS | CONDITIONS | MIN | MAX | UNITS |
|------------------------------------|-------------------------|------|-------|--------------------------|
| Frequency | 32.768 kHz | | | |
| Frequency Tolerance | Ta = 25°C, CL = 12.5 pF | -20 | +20 | PPM |
| Frequency Stability | Temperature Coefficient | | -0.04 | PPM / (Δ°C) ² |
| Temperature Range | | | | |
| Turnover (To) | | +20 | +30 | °C |
| Operating (TOPR) | | -40 | +85 | |
| Storage (TSTG) | | -55 | +125 | |
| Equivalent Series Resistance (ESR) | | | 55 | kΩ |
| Insulation Resistance | @ 100 VDC | 500 | | MΩ |
| Drive Level | | | 1.0 | μW |
| Aging | Ta = 25°C; per year | -5.0 | +5.0 | PPM |

All specifications subject to change without notice. Rev. 4/22/98



Inch dimensions shall govern.
All dimensions are in inches & parenthetically in millimeters.
See page 26 for tape and reel specifications.