

**CRYSTAL UNITS**

**T16S**

**Tuning Fork Crystal**

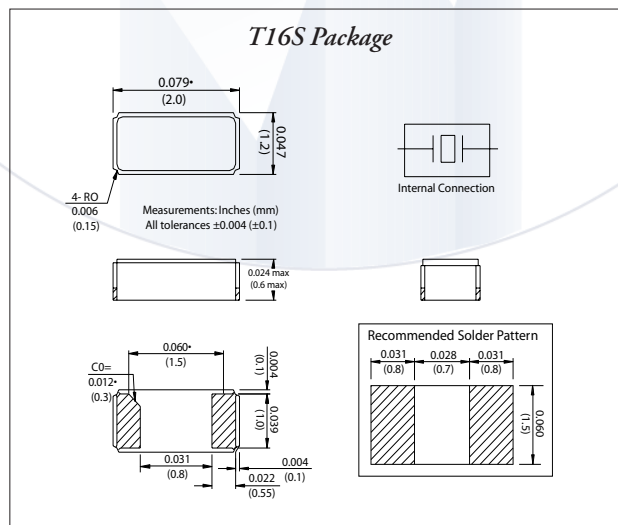


**Model: T16S Specifications**

|                              |                                       |
|------------------------------|---------------------------------------|
| Frequency                    | 32.768kHz                             |
| Temperature Range            | -40 to 85°C                           |
| Frequency Tolerance          | ±20 ppm                               |
| Frequency Stability          | ±100 ppm                              |
| Temperature Turnover         | 25°C ±5°C                             |
| Load Capacitance             | 12.5pF (Typical)                      |
| Drive Level                  | 0.5µW typ.                            |
| Series Resistance            | 90 K Ohms max.                        |
| Q-Factor                     | 30000 Q (Typical)                     |
| Turnover Temperature         | 25°C, ±5°C                            |
| Parabolic Curvature Constant | -0.034 ppm/°C <sup>2</sup> ±0.006 ppm |
| Shunt Capacitance            | 1.0 pF (Typical)                      |
| Aging (first year)           | ±3 ppm (Typical)                      |
| Storage Temperature Range    | -55 to +125°C                         |

**CRYSTAL: T16S Series Tuning Fork**

**CRYSTAL: T16S Series Tuning Fork**



**Tellurian® Technologies, Inc.**

1801 Hicks Road • Rolling Meadows, IL 60008 • Tel 847-934-4141 • Fax 847-934-4175

• Email: info@telluriantech.com • www.telluriantech.com