

Quartz Crystal Resonators



32.768 kHz WATCH CRYSTALS IN SMD-Cylinder PACKAGE - WXFSR

FEATURES

- Tuning Fork Quartz Crystal Unit (SMD-Cylinder). Performance with Economic Cost
- Excellent Shock Resistance and Environmental Characteristics

SPECIFICATIONS

| | |
|---------------------------------------|---|
| Standard Frequencies | 32.768 kHz |
| Calibration Tolerance @25 °C | ±20 ppm Maximum |
| Frequency Stability Ref @25 °C | Frequency shift at T°C in ppm = $-0.035 \times (T-25) \pm 10\%$ (ppm) |
| Turnover Temperature | 25°C ± 5°C on parabolic curve |
| Operating Temperature | -40°C to 85°C |
| Storage Temperature | -55°C to 125°C |
| Load Capacitance (CL) | 6.0 pF or 12.5 pF |
| Shunt Capacitance (Typical) | 1.0 pF |
| Equivalent Series Resistance | 40 kOhms Maximum |
| Drive Level | 0.001 mW Maximum |
| Crystal Aging @25 °C | ±3 ppm / year Maximum |
| Insulation Resistance | 500,000 kOhms Minimum |
| Typical Part Number | WXFSR-32K768-12.5 or WXFSR-32K768-6 |

OUTLINE DRAWING

