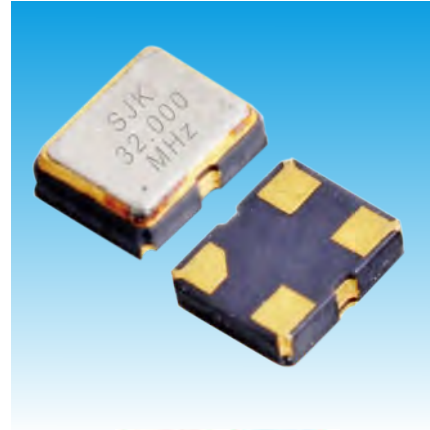


Features

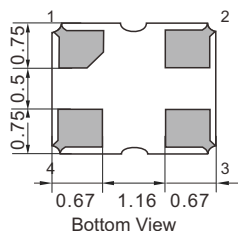
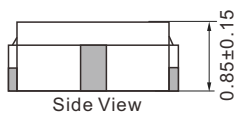
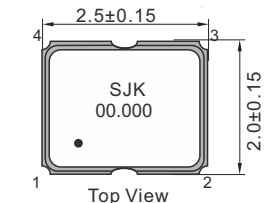
- LVCMOS output logic, 10~60MHz
- 2520 size, 0.80mm high SMD TCXO
- Operating voltage: 1.8V, 2.5V ,3.3V
- Frequency stability: $\pm 2.5\text{ppm} \sim \pm 5\text{ppm}$
- 3-state function available
- Automatic mounting and reflow soldering
- Applications: *Phone, GPS, WiMAX, WLAN, IoT, Smart Grid, etc.*
- RoHS Compliant & Pb Free



Standard Specifications

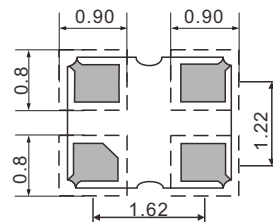
| Type | | 7Q SMD TCXO |
|-----------------------|----------------|--|
| Output Type | | CMOS |
| Output Load | | 15pF |
| Supply Voltage | | 1.8~3.3V |
| Frequency Range | | 10~60 MHz |
| Supply Current | | 10mA Max. |
| Output Level | | 0.1Vcc / 0.9Vcc |
| Frequency Stability | Tolerance | $\pm 2.0\text{ppm Max. (after 2 reflows)}$ |
| | vs Temperature | $\pm 2.5 \sim \pm 5.0\text{ppm}$ |
| | vs Aging | $\pm 1.0\text{ppm Max. /Year}$ |
| Duty Cycle | | 45~55% |
| Rise / Fall Time | | 8ns Max. |
| RMS Phase Jitter | | 1pS Max. |
| Start-up Time | | 5ms Max. |
| Operating Temperature | | -40~+85°C, or specify |
| Phase Noise @26MHz | 100Hz | -110dBc/Hz |
| | 1KHz | -130dBc/Hz |
| | 10KHz | -145dBc/Hz |
| Packing Unit | | 3000pcs./Reel |

Dimensions [mm]



Pin Functions

| Pin No. | Function |
|---------|----------|
| 1 | GND |
| 2 | GND |
| 3 | Output |
| 4 | Vcc |



Top View Suggested Layout