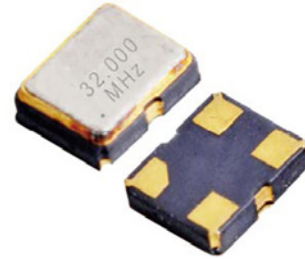


Features

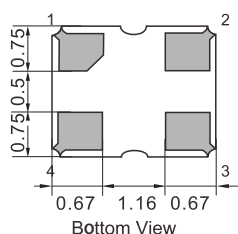
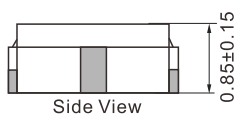
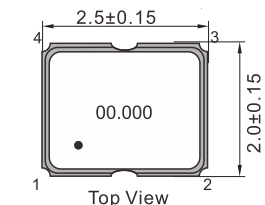
- LVCMOS output logic, 10~60MHz
- 2520 size, 0.80mm high SMD TCXO
- Operating voltage: 1.8V, 2.5V, 3.3V
- Frequency stability: $\pm 2.5\text{ppm} \sim \pm 5\text{ppm}$
- 3-state function available
- Automatic mounting and reflow soldering
- Applications: *Phone, GPS, WiMAX, WLAN, IoT, Smart Grid, etc.*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



Standard Specifications

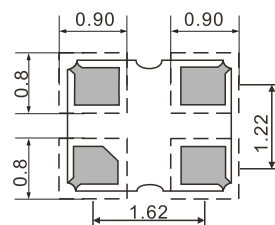
Type		7Q SMD TCXO
Output Type		CMOS
Output Load		15pF
Supply Voltage		1.8~3.3V
Frequency Range		10~60 MHz
Supply Current		10mA Max.
Output Level		0.1Vcc / 0.9Vcc
Frequency Stability	Tolerance	$\pm 2.0\text{ppm}$ Max. (after 2 reflows)
	vs Temperature	$\pm 2.5 \sim \pm 5.0\text{ppm}$
	vs Aging	$\pm 1.0\text{ppm}$ 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