

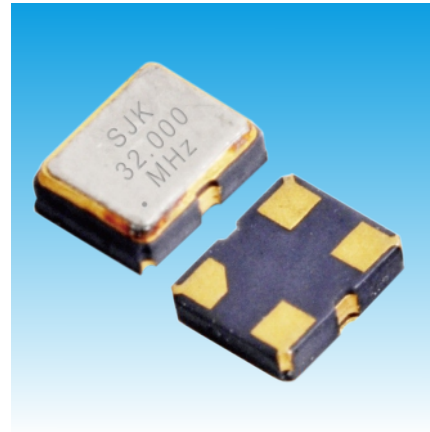
# TCXO (Temperature Compensated Crystal Oscillator) **SJK**

Size: 2.5×2.0×0.85 mm

7W Series SMD 2520 TCXO

## 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

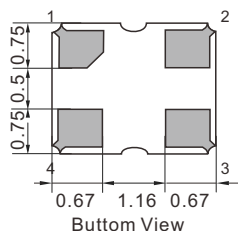
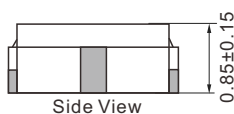
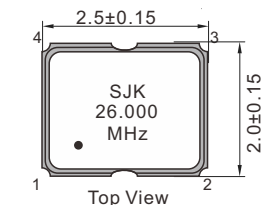


## Standard Specification

Item /Type		7W (SMD 2520 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

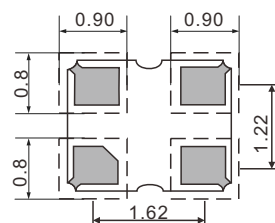
\*AFC Range is selective and disable is acceptable.

## Dimensions [mm]



### Pin Connections

Pin No.	Connection
1	OE (Output Enable)
2	GND
3	Output
4	Vcc



Top View Suggested Layout