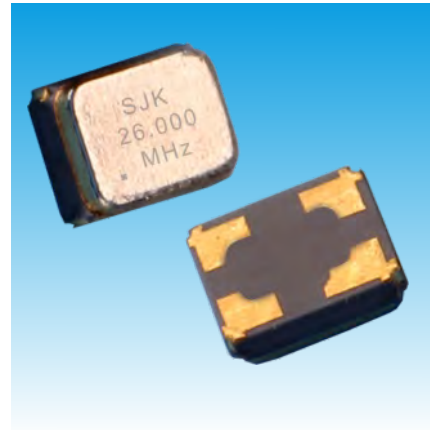


### Features

- Output frequency: 10~52MHz
- 1612 Size, 0.55mm High SMD TCXO
- Low Voltage Operation and Low Phase Noise
- Temperature Stability:  $\pm 0.5\text{ppm} \sim 2.0\text{ppm}$
- VC-TCXO Available
- Automatic Mounting and Reflow Soldering
- Applications: Phone, GPS, WiMAX, WLAN, IoT, Wearable Electronics, etc.
- RoHS Compliant & Pb Free

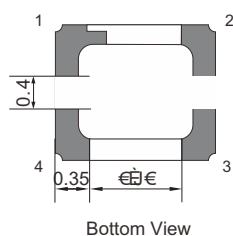
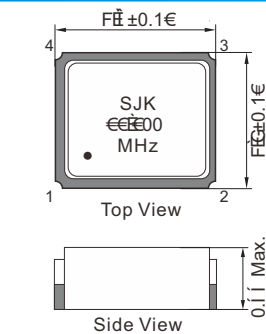


### Standard Specifications

Type		1T SMD TCXO / VC-TCXO
Output Type		Clipped Sinewave
Output Load		10kΩ // 10pF
Supply Voltage		1.8~3.3V
Frequency Range		10~52 MHz
Supply Current		F <sub>0</sub> mA Max.
Output Level		0.8 V <sub>p-p</sub> Min.
Frequency Stability	Tolerance	$\pm 2.0\text{ppm}$ Max. (After 2 Reflows)
	vs Temperature	$\pm 0.5\text{ppm} \sim \pm 2.5\text{ppm}$ . / -30~+85°C
	vs Supply Voltage	$\pm 0.2\text{ppm}$ Max. (V <sub>cc</sub> ±5%)
	vs Load	$\pm 0.2\text{ppm}$ Max. (Load Xaries±10%)
	vs Aging	$\pm 1.0\text{ppm}$ Max. /Year
Auto Frequency Control (AFC) Range*		$\pm 7 \sim \pm 16\text{ppm}$ (1.4±1V)
Start-up Time		2ms Max.
Operating Temperature		-30~+85°C
Phase Noise @19.2MHz	100Hz	-115dBc/Hz
	1kHz	-135dBc/Hz
	10kHz	-148dBc/Hz
Packing Unit		3000pcs./Reel

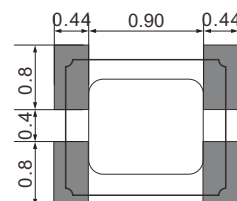
\*For VC-TCXO option.

### Dimensions [mm]



### Pin Functions

Pin No.	Function
1	A. V <sub>con</sub> (VC-TCXO)
	B. GND (TCXO)
	C. OE (Tri-state function)
2	GND
3	Output
4	V <sub>cc</sub>



Top View Suggested Layout