

(VC)TCXO-93 Series

SMD Temperature Compensated Crystal Oscillators

	TCXO-93	VCTCXO-93
Frequency	13.000 ~ 40.000 MHz	
Frequency stability	Over Temperature Range: $\pm 2.5\text{ppm}/-30 \sim +75$ Over Input Voltage Variation: $\pm 0.2\text{ppm}/+3.0\text{V} \pm 0.3\text{V}$	
Aging	$\pm 1\text{ppm}/\text{year}$	
Input Voltage	2.5, 2.8, 3.0, 3.3V $\pm 5\%$	
Input Current	2mA Max.	
Output Level	0.8Vp-p Min. Clipped Sine Wave	
Output Load	10K //10pF	
Voltage Control Range		$\pm 8\text{ppm}/+1.5\text{V} \pm 1.0\text{V}$
Phase Noise	-130dBc/Hz Max. (@1.0KHz)	
Storage Temperature	-40 ~ +85	

All specifications are subject to change without notice.

Option: *Tighter Stability, *Extended Temperature

Terminal	Connection	
	TCXO	VC-TCXO
#1	GND	Vcont
#2	N.C.	
#3	GND	
#4	OUTPUT	
#5	N.C.	
#6	Vcc	

Example of a Terminal Land Pattern

Dimension in mm