

## (VC)-TCXO 4 Leads 18.5 x 11.8 x 4.7 mm



### Specifications

Item		KY-C-TCXO	
Output frequency	$f_0$	1.25 ... 50.0 MHz	10.0 ... 50.0 MHz
Supply voltage	Vcc	+3.3V, +5.0 ( $\pm 5\%$ )	
Current consumption	Icc	<25 mA max.	3mA max.
Storage Temperature Range		-50°C ... +95°C	
Output Characteristics	Output Waveform Output Levels Duty Cycle Load	CMOS CMOS 50% $\pm 10\%$ 15pF	Clipped Sine 0.8 Vp-p --- 10k $\Omega$ // 10pF
Frequency Control Range	For VC-TCXO	$\pm 5$ ppm to $\pm 20$ ppm	
Internal Trimmer		$\pm 3.0$ ppm min.	
Stability vs	Temperature	$\leq \pm 1.0$ ppm over -10° ~ +60°C $\leq \pm 2.0$ ppm over -20° ~ +70°C $\leq \pm 5.0$ ppm over -40° ~ +85°C	
Stability vs.	Aging Supply Voltage Output Load	$\pm 1.0$ ppm / year $\pm 0.3$ ppm / Vdc $\pm 5\%$ $\pm 0.3$ ppm / Load $\pm 10\%$	
Phase Noise		-130dBc/Hz max. @ 1kHz offset	

