

(VC-)DTCXO-13A

Digital TCXO

Features

- Digital processing Temperature Compensated Crystal Oscillator.
- Output 50Ω
- Wide Frequency Range

Typical Applications

- Reference Oscillator.
- PLL Oscillator.

Specifications

Item	Type	DTCXO-13A VC-DTCXO-13A
Frequency Range		30~360MHz
Operating Temperature Range		-20~+70°C
Storage Temperature Range		-40~+85°C
Frequency Temperature Characteristics		$\pm 0.1 \times 10^{-6}$ MAX./-20~+70°C (5pin Open)
Frequency Aging		$\pm 0.5 \times 10^{-6}$ MAX./year
Supply Voltage Change		$\pm 0.05 \times 10^{-6}$ MAX./5V $\pm 5\%$
Frequency Deviation/Control Voltage only VC		$\pm 2 \times 10^{-6}$ MIN./2.5V ± 2.0 V (VC-DTCXO-13A only)
Frequency Tuning Range		$\pm 2 \times 10^{-6}$ MIN. (internal trimmer)
Power Supply Voltage		+5V $\pm 5\%$
Power Supply		40mA MAX./5V
Output Level		0dBm MIN./50Ω
Harmonics		-40dB Max

Outline

