

(VC-)DTCXO-12A

Digital TCXO

■Features

- Digital processing Temperature Compensated Crystal Oscillator.
- Excellent Frequency temperature characteristics and Frequency aging.
- C-MOS output.

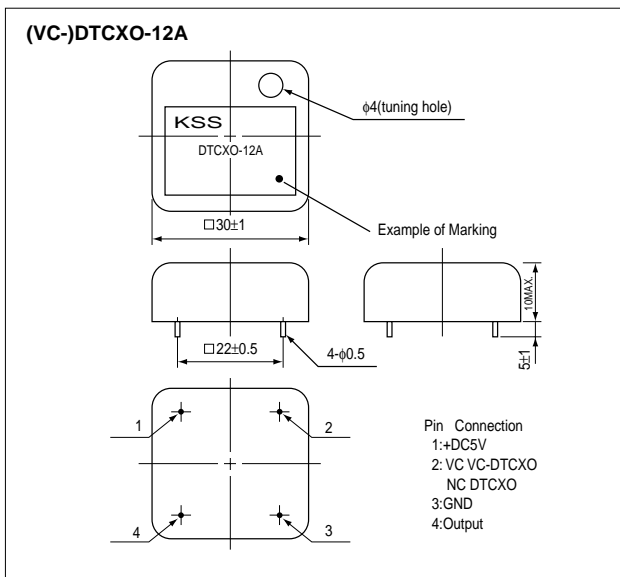
■Typical Applications

- Reference Oscillator.
- PLL Oscillator.

■Specifications

Item	Type	DTCXO-12A VC-DTCXO-12A
Frequency Range		1~32MHz
Operating Temperature Range		-35~+85°C
Storage Temperature Range		-40~+85°C
Frequency Temperature Characteristics		$\pm 0.1 \times 10^{-6}$ MAX./-35~+85°C (DTCXO-12A/VC-DTCXO-12A : VC=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-12A only)
Frequency Tuning Range		$\pm 0.7 \times 10^{-6}$ MIN. (internal trimmer)
Power Supply		30mA MAX./5V
Output Level		C-MOS Level
Output Symmetry		45~55%/1~15MHz, 30~70%/15~32MHz
Sub Harmonics		-80dB MAX.

■Outline



Dimensions(mm)

