

## (VC-)TCXO-145CB

### Temperature Compensated Crystal Oscillator

#### Features

- Small package.

#### Typical Applications

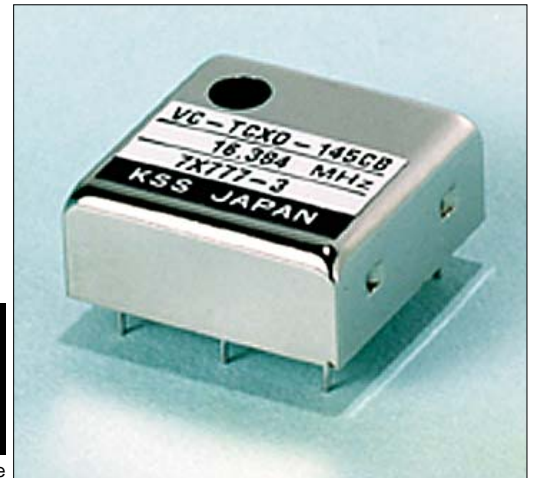
- PLL Oscillator for ISDN.
- T.V.camera.

#### Standard Frequencies

- 10.000MHz.
- 12.288MHz.
- 12.800MHz.
- 14.318181MHz.
- 16.384MHz.
- 20.000MHz.



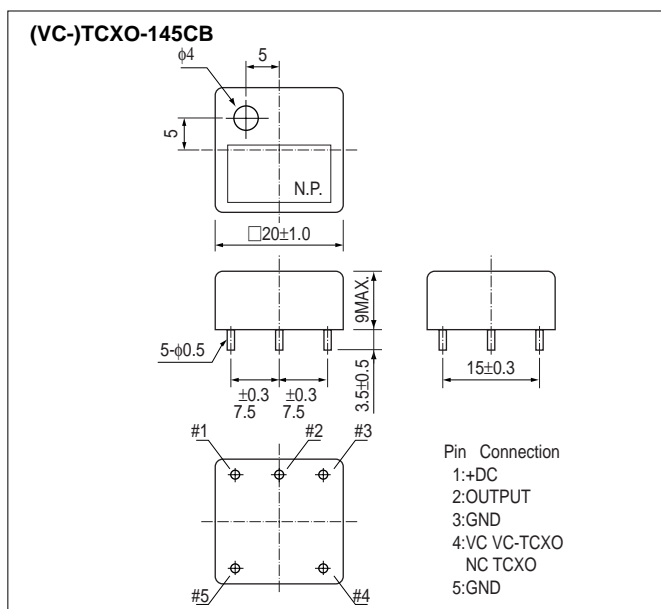
Original Size



#### Specifications

Item	Type	TCXO-145CB VC-TCXO-145CB
Frequency Range		1.5~30MHz
Frequency Temperature Characteristics		$\pm 1 \times 10^{-6}$ MAX./-10~+60°C (Reference at +25°C)
Frequency Deviation/Control Voltage (only VC-TCXO)		$\pm 10 \times 10^{-6}$ MIN./+2.5V $\pm$ 2.0V (positive)
Frequency Tuning Range		$\pm 3 \times 10^{-6}$ MIN./ (VS.internal trimmer)
Operating Temperature Range		-10~+60°C
Storage Temperature Range		-40~+85°C
Frequency Aging		$\pm 1 \times 10^{-6}$ MAX./year
Supply Voltage Change		$\pm 0.2 \times 10^{-6}$ MAX./+5.0V $\pm$ 5%
Power Supply Voltage		+5.0V $\pm$ 5%
Power Supply Current		20mA MAX.
Output	Level	$V_{OH}$ : +4.5V MIN./ $V_{OL}$ : +0.5V MAX. ( $V_{CC}$ = +5.0V)
	Load	C-MOS (15pF)
	Symmetry	40~60% at +2.5V Point (Square wave)

#### Outline



Dimensions(mm)