

# (VC-)TCXO-145CB

## Temperature Compensated Crystal Oscillator

### ■Features

- Small package.

### ■Typical Applications

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

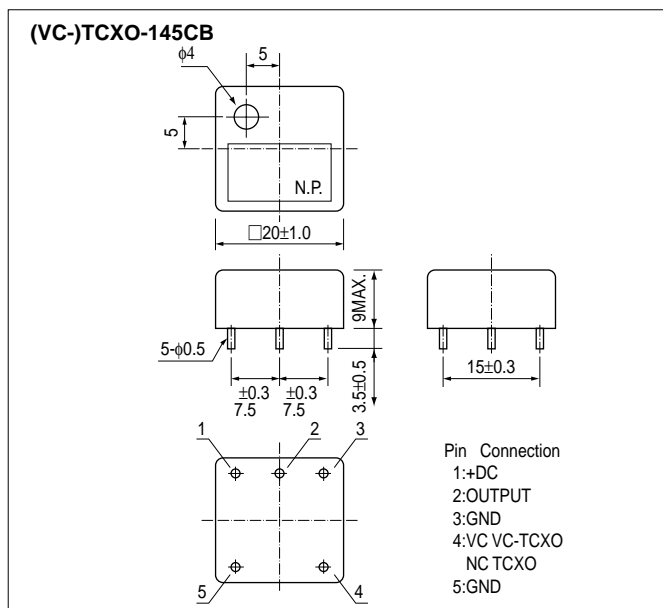
### ■Standard Frequencies

- 14.318181MHz.
- 16.384MHz.

### ■Specifications

Item	Type	TCXO-145CB VC-TCXO-145CB
Frequency Range		1.5MHz~30MHz
Operating Temperature Range		-10°C~+60°C
Storage Temperature Range		-40°C~+85°C
Frequency Temperature Characteristics		$\pm 1 \times 10^{-6}$ MAX./-10°C~+60°C(Reference at +25°C)
Frequency Aging		$\pm 1 \times 10^{-6}$ MAX./year
Supply Voltage Change		$\pm 0.2 \times 10^{-6}$ MAX./+5.0V $\pm 5\%$
Frequency Deviation/Control Voltage (only VC-TCXO)		$\pm 10 \times 10^{-6}$ MIN./+2.5V $\pm 2.0$ V(positive)
Frequency Tuning Range		$\pm 3 \times 10^{-6}$ MIN./VS.internal trimmer)
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)

