

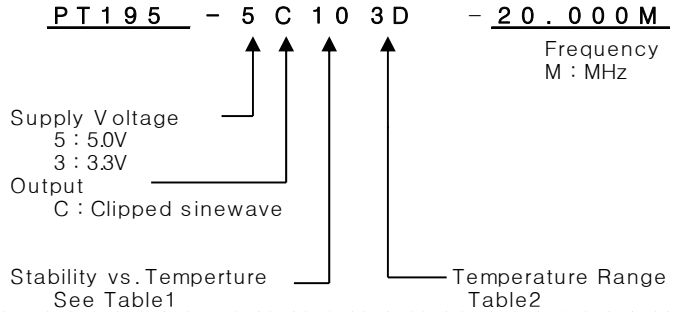
# TCXO

## PT195 Series

### Clipped sinewave

### 4PAD SMD PACKAGE

#### \* PART NUMBERING GUIDE



MECHANICAL DIMENSIONS	ELECTRICAL SPECIFICATION																																																
<p style="text-align: center;">PIN CONNECTION</p> <p># 1 V.C or N.C # 2 GND # 3 OUTPUT # 4 Vcc</p> <p style="text-align: center;">Recommended Soldering Pattern</p>	Frequency range	6.000MHz to 190.000MHz (All combinations for Frequency in the range and temp. stability can't be available, please contact factory.)																																															
	Frequency Stability vs. Temperature vs. Supply Voltage vs. Load vs. Aging	±0.5 ppm to ±5.0ppm ±0.1 / ±0.2 ppm max / Vdd ± 5% ±0.2 ppm max / 15pF ±10% ±1.0 ppm max/ year																																															
	Temperature Range Operating Storage	See Table 2 -55°C to 125°C																																															
	Supply Voltage	3.3V ± 5% 5.0V ± 5%																																															
<p style="text-align: center;">OUTPUT WAVEFORM</p>	Input Current Clipped sinewave	6.00MHz ~ 190.000MHz 2.0mA max ~ 30mA max																																															
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Frequency Adjustment	±3ppm min by internal trimmer																																																
<b>ENVIROMENTAL &amp; MECHANICAL SPECIFICATION</b>																																																	
Shock Vibration Solderability Seal integrity Marking	MIL-STD-883C, Method 2002, Condition B MIL-STD-883C, Method 2007, Condition A MIL-STD-883C, Method 2003 MIL-STD-883C, Method 1014, Condition C & A2 MIL-STD-202F, Method 215																																																
<b>TEST CIRCUIT</b>	<b>TABLE1</b>		<b>TABLE2</b>																																														
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