

## OCXO 50 X 50 X 19mm PACKAGE

### FEATURES:

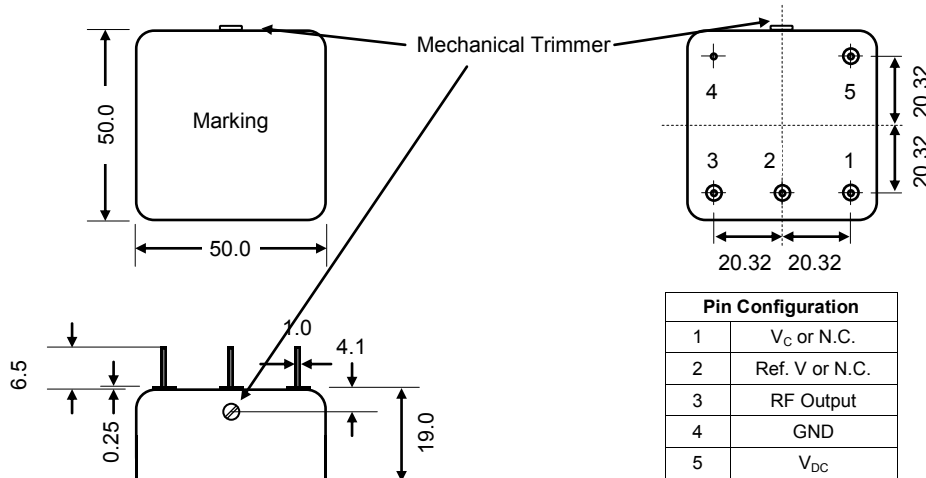
- Excellent temperature stability over temperature
- Low aging using SC-CUT crystal
- Reflow process compatible



### ■ SPECIFICATION

<b>FREQUENCY</b>		10MHz
<b>FREQUENCY TOLERANCE</b>		±10ppb max.
<b>FREQ. STABILITY</b>	<b>Vs. OPERATING TEMPERATURE</b>	±0.5ppb max. (@ -10°C ~ +70°C)
	<b>Vs. LOAD (±10%)</b>	±0.1ppb max.
	<b>Vs. SUPPLY VOLTAGE (±5%)</b>	±0.1ppb max.
<b>OPERATING TEMPERATURE RANGE</b>		-10°C ~ 70°C
<b>STORAGE TEMPERATURE RANGE</b>		-55°C ~ 85°C
<b>SUPPLY VOLTAGE</b>		+12.0V <sub>DC</sub> ±5%
<b>SUPPLY CURRENT</b>		800mA max. during warm-up, 300mA max. when static
<b>OUTPUT</b>	<b>LOGIC FAMILY</b>	Sinewave
	<b>LOAD</b>	50Ω
	<b>LEVEL</b>	+7 ±2dBm
	<b>HARMONICS</b>	-30dBc max.
	<b>NOISE SUPPRESSION</b>	-60dBc max.
<b>FREQUENCY DEVIATION</b>		±0.5ppm min.
<b>SLOPE</b>		Positive
<b>LINEARITY</b>		±10% max.
<b>AGING (after 30days)</b>	<b>DAY</b>	±0.02ppb max.
	<b>YEAR</b>	±2.0ppb max.
<b>PHASE NOISE</b>	<b>1Hz</b>	-90dBc/Hz max.
	<b>10Hz</b>	-125dBc/Hz max.
	<b>100Hz</b>	-140dBc/Hz max.
	<b>1kHz</b>	-145dBc/Hz max.
	<b>10kHz</b>	-150dBc/Hz max.

### ■ PACKAGE DIMENSIONS



Unit : mm

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