

# XO3030 Series

1x1.25 inch, 3.3 & 5.0 Volt, HCMOS/Sinewave, TCXO

- Low power and high stability
- Wide frequency range

Model	Frequency (MHz)	Temperature Range (°C)	Temperature Stability	Aging First Year	Output	Supply Voltage
XO3030	20	-30 to +70	±0.75 ppm	±1.0 ppm max	Sinewave	5 V ±0.25 V
Options	10 to 100	See Table		Frequency Dependent	-3 to +3 dBm into 50 Ω HCMOS	3.3 V to 15 V
	10 to 100	See Table		Frequency Dependent	Logic	3.3 V to 15 V

## Additional Specifications

Aging over ten years ±3.0 ppm max

Current

Sinewave As low as 2 mA

Frequency adjust

Method External 10k pot

Range ±5 ppm

## Output Signal Type

Sine wave Logic

Level 0.5 V pk-pk HCMOS

Load 1 kΩ 10pF

## Phase Noise at 20 MHz

10 Hz -85 dBc/Hz

100 Hz -115 dBc/Hz

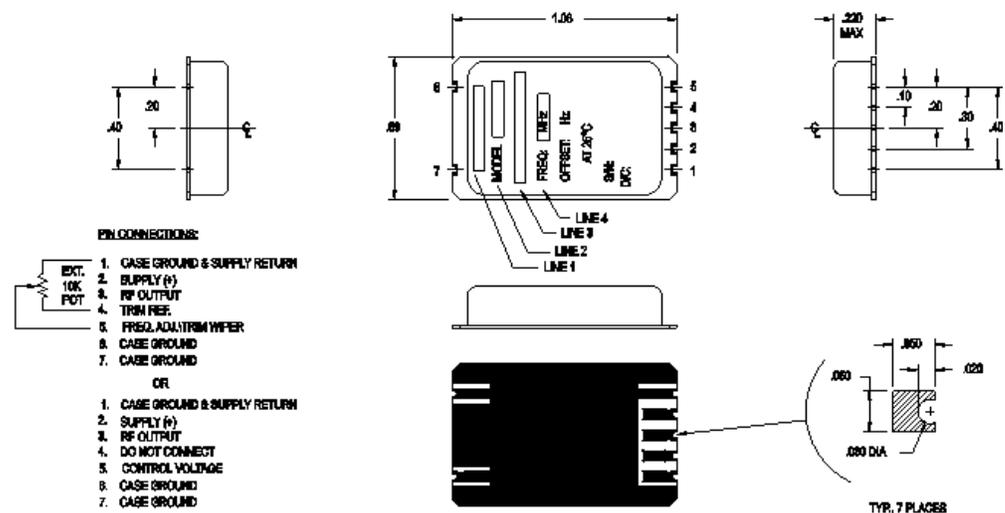
1 kHz -135 dBc/Hz

10 kHz -145 dBc/Hz

## Optional Temperature Ranges and Frequency Stabilities

Range °(C)	±1	±0.75	±.50	±0.25
+15 to +30	√	√	√	√
0 to +50	√	√	√	√
0 to +70	√	√	√	
-20 to +70	√	√	√	
-40 to +75	√	√		
-55 to +85	√			

NOTE:  
WARRING MUST BE CLEAR OF WEEP HOLE AND SOLDER.



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