

XO3280 Series

0.7x0.5 inch, 3.3 & 5.0 Volt, HCMOS/Sinewave, TCXO

- Wide frequency range
- High stability, low power

Model	Frequency (MHz)	Temperature Range (°C)	Temperature Stability	Aging First Year	Output	Supply Voltage
XO3280	20	-30 to +70	±0.75 ppm	±1.0 ppm	HCMOS	5 V ±0.25 V
Options	10 to 25	See Table	See Table	Frequency Dependent		3.3 V to 5 V

Additional Specifications

Aging over ten years	±3.0 x ppm max
Current HCMOS	As low as 4 mA
Frequency adjust Method	External voltage
Range	±5 ppm

HCMOS Version

Duty cycle	40/60
Load	2 Gates

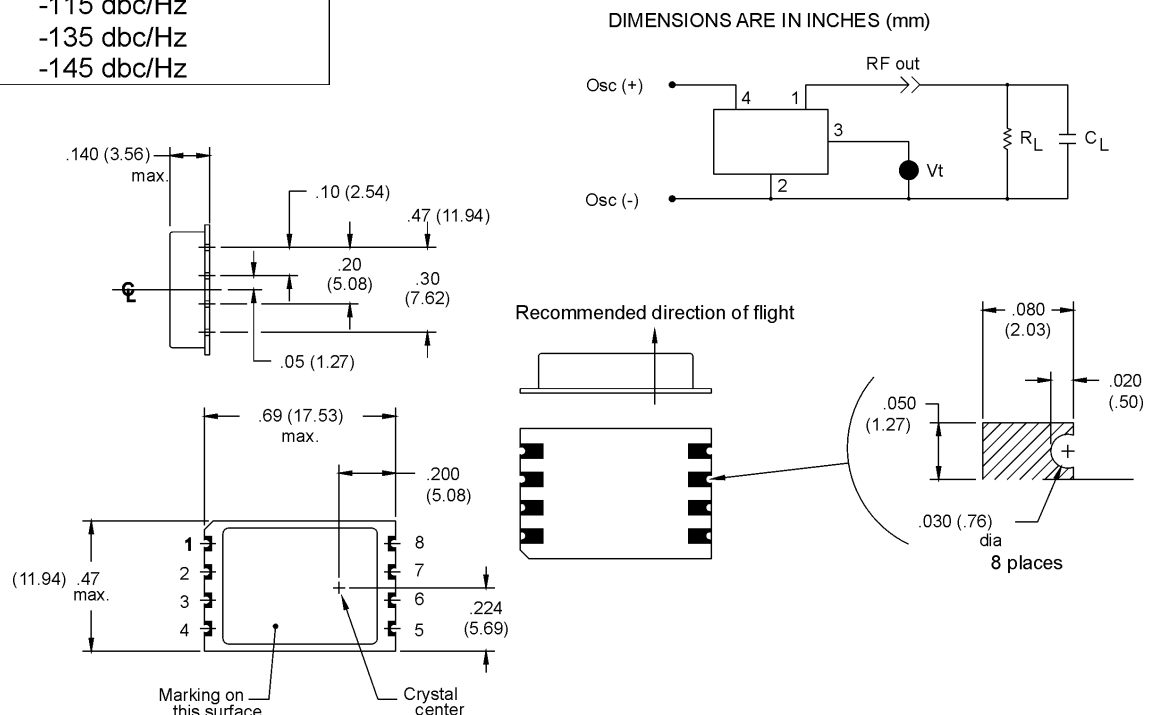
Environmental

Vibration	0.4 g ² /Hz, 100-200 Hz
Shock	50 g 11 mS 1/2 sine
Very High Shock version available to	50 kG 0.7 mS

Phase Noise @ 20 MHz

10 Hz	-85 dbc/Hz
100 Hz	-115 dbc/Hz
1 kHz	-135 dbc/Hz
10 kHz	-145 dbc/Hz

Optional Temperature Range (°C)	±1	±0.75	±0.50	±0.25
+15 to +30	✓	✓	✓	✓
0 to +50	✓	✓	✓	✓
0 to +70	✓	✓	✓	
-20 to +70	✓	✓		
-40 to +75	✓			
-55 to +85	✓			



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