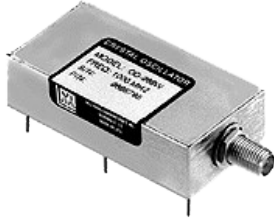


Product Search



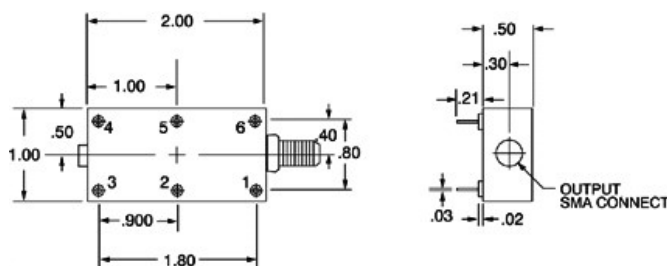
CO-286W Sinewave Crystal Oscillators

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Features:

- Frequency range: 500.1 MHz to 1.3 GHz
- Supply: 15 V
- Output: +7 or +13 dBm
- Package: SMA rf connector
- Extended temp range: -55°C to 125°C
- Low Phase Noise Option Available
- Pin Only Version Available

SPECIFICATIONS			
Series	CO-286W: Reduced Size Line		
Frequency	500.1 MHz to 1.3 GHz		
Output	Standard: 0.5 Vrms/50Ω (+7 dBm) Option R: 1.0 Vrms/50Ω (+13 dBm)		
Supply	+15 Vdc ±5%		
Accuracy (at 25°C)	Standard: ±10 ppm *Option T: ±1 ppm *Tuning adjustment settable to ±1 ppm		
Temperature Stability	STANDARD: 0°C to +70°C: ±25 ppm Option 1: -55°C to +85°C: ±50 ppm Option 2: -55°C to +125°C: ±50 ppm Option 3: 0°C to +50°C: ±3 ppm Option 5: 0°C to +50°C: ±5 ppm Option 6: 0°C to +50°C: ±10 ppm		
Aging Rate (typical after 30 days)	Standard: 3 ppm first year, <2 ppm per year thereafter Option Y: 2 ppm first year, <1 ppm per year thereafter		
Phase Noise (typical at 500 MHz degrades by 6dB per octave above 500 MHz)	<u>Offset from Carrier</u> 100 Hz 1 kHz 10 kHz 50 kHz Noise degrades by 6 dB per octave above 500 MHz	<u>Standard</u> -88 dBc/Hz -113 dBc/Hz -128 dBc/Hz -133 dBc/Hz	<u>Option L1</u> -103 dBc/Hz -128 dBc/Hz -138 dBc/Hz -143 dBc/Hz
Optional Configuration	P: Pins only		

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P option: Delete SMA connector; output pin is on centerline between pins 1 and 6.
RF return is on pin 6.

Dimension in inches

Pin Function

- 1 Supply (+)
- 2 0V, Case
- 3 0V, Case
- 4 0V, Case
- 5 0V, Case
- 6 0V, Case

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