

### Features:

- Small Size: 0.8 cubic inches and 2.3 ounces
- Low Power Dissipation: 1.4 W
- Low Phase Noise: - 105 dBc/Hz @ 10 kHz
- Wide Operating Temperature: - 30 to + 85 °C



### Electrical Specifications

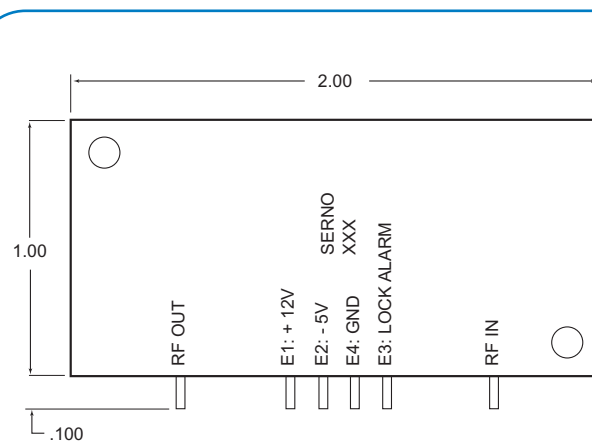
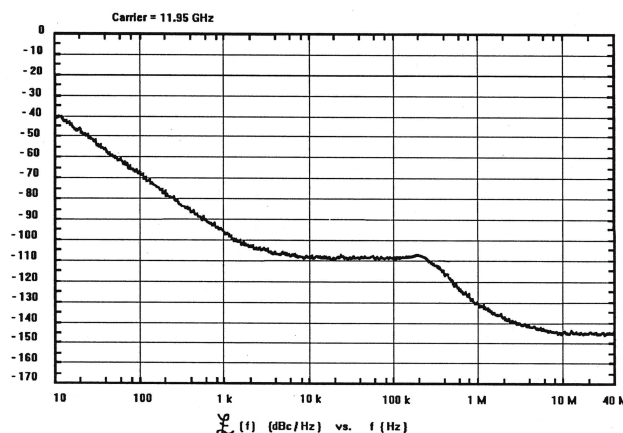
Operating Freq.:	11.95 GHz
Reference Input:	50 MHz @ + 7 dBm, minimum
Frequency Stability:	Same as input reference signal
Warm-Up Time:	1 second, maximum
Output Power:	+ 10 to + 13 dBm, typical
VSWR:	1.5:1, nominal
SSB Phase Noise (dBc/Hz, typical):	
<b>Offset</b>	
10 Hz	- 40
100 Hz	- 70
1 kHz	- 95
10 kHz	- 105
100 kHz	- 105
10 MHz	- 145
Spurious:	> - 60 dBc, typical
Harmonics:	> - 30 dBc, typical
BITE Scheme:	Phase Lock (TTL "1" = Lock)
DC Power:	+ 12 V ± 5 % @ 130 mA, nominal - 5 V ± 5 % @ 10 mA, nominal
Power Consumption:	1.6 W, nominal

### Environmental Specifications

Operating Temperature:	- 30 to + 85 °C, baseplate
Environment:	Ground

### Mechanical Specifications

Size: (excluding connectors)	2 x 1 x 0.4 inches 51 x 25 x 10 mm
Weight:	2.3 oz (65.2 g), nominal



Specifications subject to change without notice.