

## C-BAND PHASE LOCKED OSCILLATOR

- **VERY LOW PHASE NOISE**
- **LOW SPURIOUS**
- **COMPACT SIZE**
- **BUILT IN HIGH STABILITY REFERENCE**
- **HIGH RF POWER**

### Electrical characteristics:

Operating Frequency	4157.2. MHz
Output Power	+ 17 dBm typ. (+/-1.5 dBm in full temperature range)
Supply Voltage	+12V DC +/-0.5V
Current consumption	200 mA typ. @ +12V
Harmonics	< -20 dBc
In band Spurious	typical -75 dBc, max. -65 dBc
Subharmonics	typical -60 dBc, max. -50 dBc
Phase Lock Alarm	TTL "H" in Lock, TTL "L" in Unlock
Phase Noise	-77 dBc/Hz @ 100 Hz typ. (max. -71 dBc/Hz) -104 dBc/Hz @ 1 kHz typ. (max. -99 dBc/Hz) -110 dBc/Hz @ 10 kHz typ. (max. -105 dBc/Hz) -115 dBc/Hz @ 100 kHz typ. (max. -110 dBc/Hz)
Frequency stability	+/- 0.3 ppm
Connectors:	RF Output: SMA female Supply Voltage: Filtered feedthru Phase Lock Alarm: Filtered feedthru GND: Soldered Lug
Temperature range	-20°C to + 60°C (operate)/-40°C to + 80°C (storage)
Outline dimensions	57 x 57 x15 mm

Specifications are subject to change without notice.

### Outline dimensions (mm):

