

## Ku-BAND PHASE LOCKED OSCILLATOR

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

### Electrical characteristics:

Operating Frequency	11891.7 MHz
Output Power	+ 17 dBm typ. (+/-1.5 dBm in full temperature range)
Supply Voltage	+12V DC +/-0.5V
Current consumption	320 mA typ. @ +12V
Harmonics	< -20 dBc
In band Spurious	typical -72 dBc, max. -62 dBc
Subharmonics	typical -60 dBc, max. -50 dBc
Phase Lock Alarm	TTL "H" in Lock, TTL "L" in Unlock
Phase Noise	-74 dBc/Hz @ 100 Hz typ. (max. -65 dBc/Hz) -93 dBc/Hz @ 1 kHz typ. (max. -88 dBc/Hz) -98 dBc/Hz @ 10 kHz typ. (max. -93 dBc/Hz) -105 dBc/Hz @ 100 kHz typ. (max. -100 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):

