Voltage Controlled Oscillator, 3.9-6.7 GHz
-2dBm Output Power, SMA Female Connectors, +25Volts DC Voltage

Specifications

- **Oscillator Frequency:** 3.9-6.7 GHz
- **Tuning Voltage:** 0.5 - 18 VDC
- **Bias Voltage:** +5 VDC @ 53 mA (Max)
- **Output Power:** -2.0 dBm (Min)
- **Typical Tuning Sensitivity:** 50 – 475 MHz/V (Typ)
- **Output Impedance:** 50 Ohms (Nom)
- **Harmonic Suppression:** 15 dBC (Typ)
- **Phase Noise:** -77 dBC/Hz (Typ) @ 10 KHz offset
- **Frequency Pulling:** 20 MHz (Typ @ 1.75:1 VSWR)
- **Frequency Pushing:** 10 MHz/V (Typ)
- **Tuning Port Capacitance:** 15 pF (Typ)
- **Operating Temperature Range:** -40 to +85°C

**Absolute Maximum Ratings**

- **Storage Temp. Range:** -55 to +125°C
- **Bias Voltage:** +5.5 V
- **Tuning Voltage:** +20.0 V DC
- **Voltage Applied to RF Out:** +25 V