

**LOW NOISE PLO WITH EXT. REF.**

- **LOW PHASE NOISE**
- **LOW HARMONICS & SPURIOUS**
- **COMPACT SIZE**
- **HIGH RF OUTPUT POWER**

**Electrical characteristics**

Output frequency	5520MHz
Output power	+23dBm min. @+23C +20dBm min. in full temp. range
External reference	120MHz
External reference level	0±3dBm
RF output VSWR	1.5:1
SSB phase noise	reference noise plus 20log N+3dB otherwise the phase noise limit: -95dBc/Hz@1kHz -100dBc/Hz@10kHz -102dBc/Hz@100kHz -130dBc/Hz@1MHz
Harmonic level	-30dBc typ., -25dBc max.
Non-harmonic level	-80dBc typical, -70dBc max.
Phase lock alarm	TTL (High=LOCK)
DC current @ 12V±10%	200mA typ.
RF and reference connectors	SMA
DC and Lock alarm connector	Solder pin
Dimension	57x57x15mm
Overvoltage protection	Yes
Operating temperature range	-40 up to +70°C

Specifications are subject to change without notice.

**Outline Dimension (mm)**