



ALL DIMENSIONS SHOWN ARE IN mm [inch]

ELECTRICAL SPECIFICATIONS:

FREQUENCY RANGE:	18-40 GHz
GAIN:	13 dB TYP.
FLATNESS:	±2 dB MAX.
NOISE FIGURE:	5.5 dB TYP. 8.5 dB MAX.
OP1dB:	14 dBm MIN.
OIP3:	18 dBm MIN.
2nd HARMONIC REJECTION:	15 dBc TYP. @ Pin=+10 dBm
VSWR:	2:1 TYP.
DC VOLTAGE:	+12 V ± 5%
DC CURRENT:	250 mA MAX.
RF INPUT POWER:	+17 dBm CW MAX.

ENVIRONMENTAL RATINGS

- TEMPERATURE:	-40°C TO +85°C (OPERATING) -55°C TO +125°C (STORAGE)
- HUMIDITY:	MIL-STD-202G, METHOD 103B COND. B
- SHOCK:	MIL-STD-202G, METHOD 213B COND. B
- VIBRATION:	MIL-STD-202G, METHOD 204D COND. B
- ALTITUDE:	MIL-STD-202G, METHOD 105C COND. B
- THERMAL SHOCK:	MIL-STD-202G, METHOD 107D COND. A

FINISH: NICKEL PLATING



NOTE: The above specifications are subject to change or revision. Specifications are at 25°C unless stated otherwise.

	QP microWAVE CÓLQUIDE 6 28231 LAS ROZAS MADRID, SPAIN	APPROVALS	DATE	SIGNED	DESCRIPTION: LNA 18 - 40 GHz	REV.:	SHEET:
		DRAW	17/10/16	BME	CODE: QP-AMLNA-1840-04	001	1 DE 1
		CHECKED	17/10/16	JAV			
		APPROVED	17/10/16	JAV			