



**ALL DIMENSIONS SHOWN ARE
IN mm (inch)**

ELECTRICAL SPECIFICATIONS:

- FREQUENCY RANGE: 10 - 20 GHz
- GAIN: 28 dB TYP.
- FLATNESS: ±2 dB MAX.
- NOISE FIGURE: 3.5 dB TYP.
5 dB MAX.
- OP1dB: 24 dBm MIN.
26 dBm TYP.
- 2nd HARMONIC REJECTION: 7 dBc MIN. @ Pin=10 dBm , f < 13 GHz
12 dBc MIN. @ Pin=10 dBm , f ≥ 13 GHz
- VSWR: 2.0:1 TYP.
- DC VOLTAGE: +12 V ± 5%
- DC CURRENT: 600 mA MAX.
- RF INPUT POWER: +18 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 CÔLQUIDE 6 28231 LAS ROZAS MADRID, SPAIN	APPROVALS	DATE	SIGNED	DESCRIPTION: LNA 10 - 20 GHz	REV.:	SHEET:
		DRAW	26/10/16	BME	CODE: QP-AMLNA-1020-01	001	1 DE 1
		CHECKED	26/10/16	JAV			
		APPROVED	26/10/16	JAV			