



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

**ELECTRICAL SPECIFICATIONS:**

- FREQUENCY RANGE: 1 - 22 GHz
- GAIN: 23 dB MIN.  
25 dB MAX.
- FLATNESS: ±1.5 dB MAX.
- TEMPERATURE SHIFT: 0.03 dB/°C MAX.
- GAIN SLOPE: 0.03 dB/10 MHz MAX.
- NOISE FIGURE: 4 dB TYP.
- OIP3: 32 dBm MIN.
- INPUT VSWR: 2.0:1 MAX.
- OUTPUT VSWR: 2.5:1 MAX.
- DC VOLTAGE: +12 V ± 5%
- DC CURRENT: 500 mA MAX.
- RF INPUT POWER: +15 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.

	<b>QP microWAVE</b> CÔLQUIDE 6 28231 LAS ROZAS MADRID, SPAIN	APPROVALS	DATE	SIGNED	DESCRIPTION: <b>LNA 1 - 22 GHz</b>	REV.:	SHEET:
		DRAW	06/05/15	BME	CODE: <b>QP-AMLNA-0122-02</b>	003	1 DE 1
		CHECKED	06/05/15	JAV			
		APPROVED	06/05/15	JAV			