



**ELECTRICAL SPECIFICATIONS:**

- FREQUENCY RANGE: 2-18 GHz
- GAIN: 10 dB MIN.
- POSITIVE SLOPE: 4 dB NOM. (defined as GAIN @18 GHz - GAIN @2 GHz)
- GAIN LINEARITY: ±1.5 dB MAX.
- NOISE FIGURE: 4 dB TYP.
- OP1dB: 14 dBm MIN. @FREQUENCY RANGE
- VSWR: 2.0:1 MAX.
- DC VOLTAGE: +12 V to +15 V
- DC CURRENT: 150 mA NOM.
- RF INPUT POWER: +23 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> CÓLQUIDE 6 28231 LAS ROZAS MADRID, SPAIN	APPROVALS	DATE	SIGNED	DESCRIPTION: <b>LNA WITH POSITIVE SLOPE 2-18 GHz</b>	REV.:	SHEET:	
		DRAW	07/05/15	BME	CODE:	<b>QP-AMWPS-0218-01</b>	001	1 DE 1
		CHECKED	07/05/15	JAV				
		APPROVED	07/05/15	JAV				