



**ELECTRICAL SPECIFICATIONS:**

FREQUENCY RANGE: 0.1 - 18 GHz  
 GAIN: 20 dB TYP.  
 FLATNESS: ±1.5 dB TYP.  
 ±2 dB MAX.  
 NOISE FIGURE: 4 dB TYP. @ 0.1 - 6 GHz  
 3 dB TYP. @ 6 - 18 GHz  
 OP1dB: 15 dBm MIN.  
 OIP3: 25 dBm MIN.  
 VSWR: 2:1 TYP.  
 DC VOLTAGE: 12 V ± 10%  
 DC CURRENT: 350 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.

	<b>QP microWAVE</b> CÓLQUIDE 6 28231 LAS ROZAS MADRID, SPAIN	APPROVALS	DATE	SIGNED	DESCRIPTION: <b>LNA 0.1 - 18 GHz</b>	REV.:	SHEET:
		DRAW	18/05/15	BME	<b>QP-AMLNA-0018-01</b>	<b>003</b>	<b>1 DE 1</b>
		CHECKED	18/05/15	JAV			
		APPROVED	18/05/15	JAV			