



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

ELECTRICAL SPECIFICATIONS:

- FREQUENCY RANGE: 18 - 32 GHz
- GAIN: 22 dB MIN. @18 GHz
24 dB MAX. @18 GHz
- POSITIVE SLOPE: 5 dB NOM. (defined as GAIN @32 GHz - GAIN @18 GHz)
- FLATNESS: ±1.5 dB MAX.
- NOISE FIGURE: 6 dB MAX.
- OIP3: 30 dBm TYP.
- VSWR: 2.0:1 MAX.
- DC VOLTAGE: +12 V ± 5%
- DC CURRENT: 500 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 CÔLQUIDE 6 28231 LAS ROZAS MADRID, SPAIN	APPROVALS	DATE	SIGNED	DESCRIPTION: LNA WITH POSITIVE SLOPE 18 - 32 GHz	REV.:	SHEET:	
		DRAW	25/09/15	BME	CODE:	QP-AMWPS-1832-01	001	1 OF 1
		CHECKED	25/09/15	JAV				
		APPROVED	25/09/15	JAV				