



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

ELECTRICAL SPECIFICATIONS:

- FREQUENCY RANGE: 6-18 GHz
- GAIN: 31 dB TYP.
- FLATNESS: ±2 dB MAX.
- NOISE FIGURE: 4.5 dB TYP.
- OP1dB: 28 dBm TYP.
- OIP3: 35 dBm MIN.
- INPUT/OUTPUT VSWR: 2.0:1 MAX.
- DC VOLTAGE: +12 V ± 10%
- DC CURRENT: 600 mA MAX.
- RF INPUT POWER: +20 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: POWER AMPLIFIER 6-18 GHz	REV.:	SHEET:
		DRAW	07/05/15	BME	CODE: QP-AMPWR-0618-01	001	1 DE 1
		CHECKED	07/05/15	JAV			
		APPROVED	07/05/15	JAV			