



ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE: 0.5 - 40 GHz
 GAIN: 40 dB TYP.
 FLATNESS: ± 3 dB MAX.
 NOISE FIGURE: 6 dB TYP.
 9 dB MAX.
 OP1dB: 20 dBm MIN. @ f < 20 GHz
 15 dBm MIN. @ f ≥ 20 GHz
 OIP3: 24 dBm MIN. @ f < 20 GHz
 20 dBm MIN. @ f ≥ 20 GHz
 IN/OUT VSWR: 2:1 TYP.
 DC VOLTAGE: +12V ± 10%
 DC CURRENT: 800 mA MAX.
 AUX PIN: N/C - (OPTIONAL: OUTPUT POWER DETECTION - Vdet)
 RF INPUT POWER: +15 dBm CW MAX.

CONNECTORS: J1, J2 - 2.92mm FEMALE, STAINLESS STEEL

ENVIRONMENTAL RATINGS

- TEMPERATURE: -10°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
 - TEMP. SHOCK: MIL-STD-202G, METHOD 107G COND. A



NOTE: The above specifications are subject to change or revision. Specifications are at 25°C unless stated otherwise

	QP microWAVE CÓLQUIDE 6 28231 LAS ROZAS MADRID, SPAIN	APPROVALS	DATE	SIGNED	DESCRIPTION: 0.5 - 40 GHz MEDIUM POWER AMPLIFIER
		DRAW	31/10/18	BME	
		CHECKED	31/10/18	BME	CODE: QP-AMLNA-0040-01
APROBADO	31/10/18	JAV			