



ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE: 1 - 40 GHz
 GAIN: 23 dB TYP. @ 1 GHz
 28 dB TYP. @ 18 GHz
 35 dB TYP. @ 40 GHz
 FLATNESS: ± 2 dB MAX. @ 1 - 33 GHz
 ± 3 dB MAX. @ 33 - 40 GHz
 NOISE FIGURE: 10 dB MAX.
 OP1dB: 16 dBm MIN. @ 1 - 25 GHz
 12 dBm MIN. @ 25 - 40 GHz
 OIP3: 26 dBm MIN. @ 1 - 20 GHz
 22 dBm MIN. @ 20 - 40 GHz
 IN/OUT VSWR: 2:1 TYP.
 DC VOLTAGE: +12V ± 10%
 DC CURRENT: 700 mA TYP.
 RF INPUT POWER: +15 dBm CW MAX.
 DETECTED OUTPUT POWER: -5 dBm MIN.

CONNECTORS:

J1 - 2.92mm MALE, STAINLESS STEEL
 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_{mw}	QP microWAVE CÓLQUIDE 6 28231 LAS ROZAS MADRID, SPAIN	APPROVALS	DATE	SIGNED	DESCRIPTION: 1 - 40 GHz MEDIUM POWER AMPLIFIER	
		DRAW	23/11/17	BME		
		CHECKED	23/11/17	BME	CODE: QP-AMWPS-0140-01	REV.:
		APROBADO	23/11/17	JAV	00A	1 DE 1