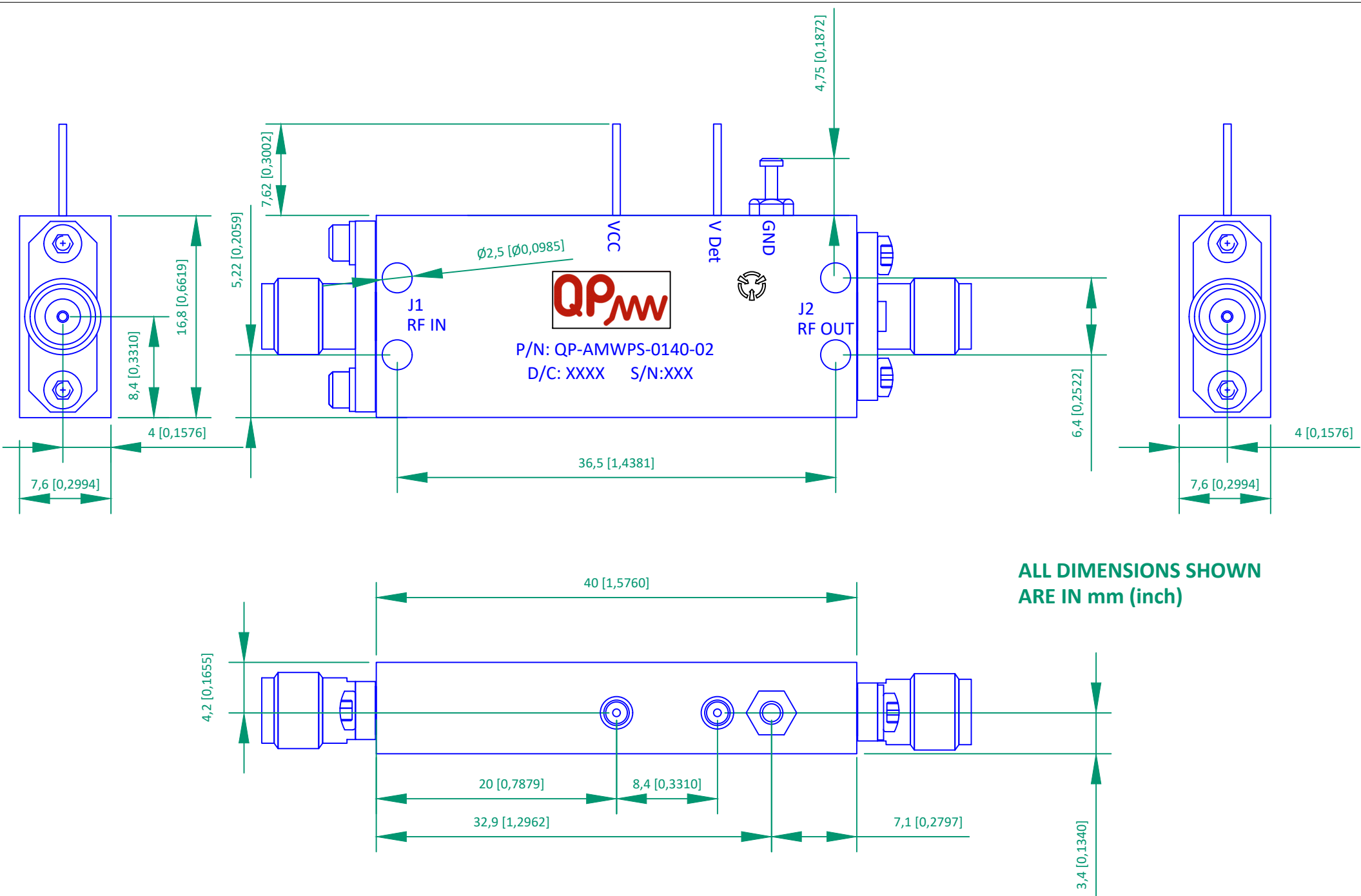




ALL DIMENSIONS SHOWN
ARE IN mm (inch)

ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE: 1 - 40 GHz
GAIN: 8 dB TYP. @ 1 GHz
13 dB TYP. @ 18 GHz
20 dB TYP. @ 40 GHz
FLATNESS: ± 2 dB MAX.
NOISE FIGURE: 20 dB MAX. @ 1 - 18 GHz
16 dB MAX. @ 18 - 40 GHz
OP1dB: 16 dBm MIN. @ 1 - 25 GHz
12 dBm MIN. @ 25 - 35 GHz
8 dBm MIN. @ 35 - 40 GHz
OIP3: 26 dBm MIN. @ 1 - 20 GHz
22 dBm MIN. @ 20 - 35 GHz
18 dBm MIN. @ 35 - 40 GHz
IN/OUT VSWR: 2:1 TYP.
DC VOLTAGE: +12V $\pm 10\%$
DC CURRENT: 540 mA TYP.
RF INPUT POWER: +15 dBm CW MAX.
DETECTED OUTPUT POWER: -5 dBm MIN.

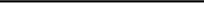
CONNECTORS: J1, J2 - 2.92mm FEMALE, STAINLESS STEEL

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: 1 - 40 GHz MEDIUM POWER AMPLIFIER		
		DRAW	25/09/17	MHE			
		CHECKED	25/09/17	BME			
		APROBADO	25/09/17	JAV			
					CODE: QP-AMWPS-0140-02	REV.: 001	1 DE 1