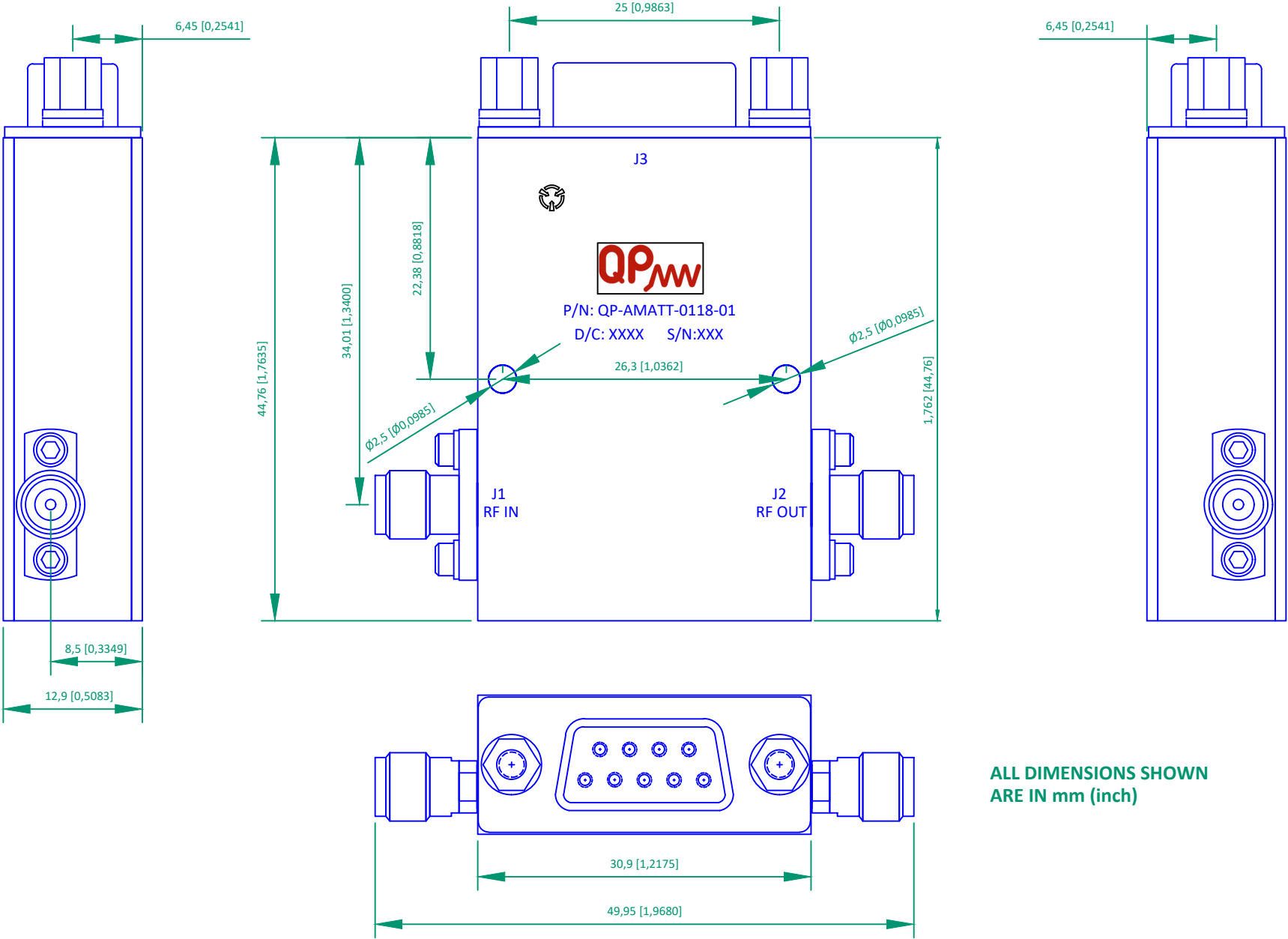




ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE: 1 - 18 GHz
GAIN: 23 dB TYP.
ATT RANGE: 25 dB MIN.
FLATNESS: ± 2 dB @ 0dB ATT.
 ± 3 dB @ 25dB ATT.
NOISE FIGURE: 8 dB MAX. @ 0dB ATT.
30 dB MAX. @ 25dB ATT.
OP1dB: 12 dBm MIN. @ 0dB ATT.
OIP3: 22 dBm MIN. @ 0dB ATT.
10 dBm MIN. @ 25dB ATT.
IN/OUT VSWR: 2:1 TYP.
DC VOLTAGE: +12V $\pm 10\%$
DC CURRENT: 360 mA TYP.
RF INPUT POWER: +15 dBm CW MAX.
DETECTED OUTPUT POWER: -5 dBm MIN.

CONNECTORS: J1, J2 - Super SMA FEMALE, STAINLESS STEEL
J3 - DB9 MALE
PIN FUNCTIONS: P1: +12V
P2: +12V
P3: LATCH_IN
P4: GND
P5: MOSI
P6: SCK
P7: CS_ATT
P8: GND
P9: Detection

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 - 18 GHz LOW NOISE VARIABLE GAIN AND POWER DETECTOR AMPLIFIER		
		DRAW	08/08/17	BME			
		CHECKED	08/08/17	JAV			
		APROBADO	08/08/17	JAV			
					CODE: QP-AMATT-0118-01	REV.:	
						001	1 DE 1