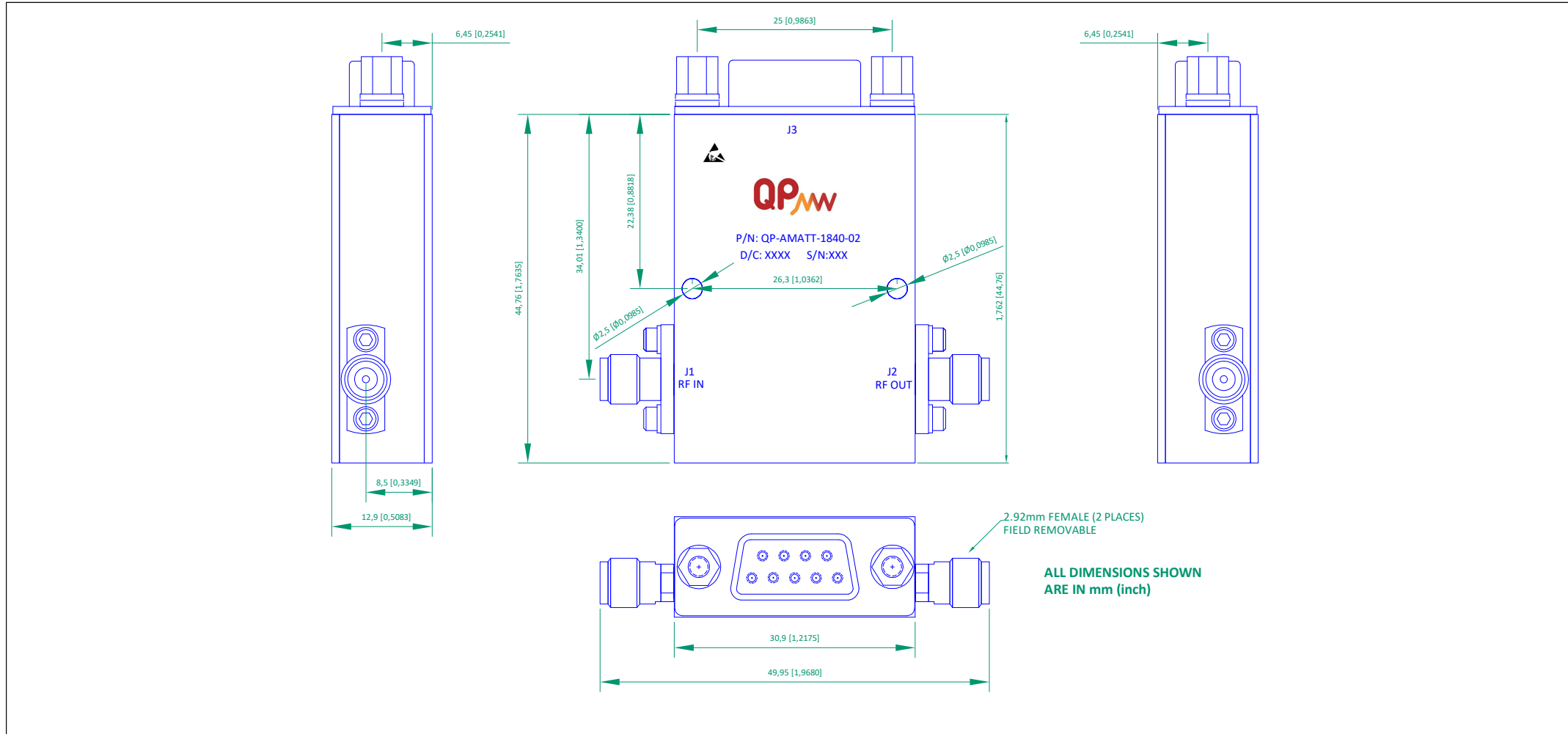




ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE: 18 - 40 GHz
GAIN: 20 dB TYP.
ATT. RANGE: 25 dB MIN.
ATT. ACCURACY: ± 0.5 dB @ 30 GHz
FLATNESS: ± 2 dB @ 0dB ATT.
 ± 3 dB TYP. @ 25dB ATT.
NOISE FIGURE: 10 dB MAX. @ 18 - 32 GHz, 0dB ATT.
12 dB MAX. @ 32 - 40 GHz, 0dB ATT.
35 dB MAX. @ 25dB ATT.
OP1dB: 10 dBm MIN. @ 0dB ATT.
OIP3: 20 dBm MIN. @ 0dB ATT.
7 dBm MIN. @ 18 - 32 GHz, 25dB ATT.
0 dBm MIN. @ 32 - 40 GHz, 25dB ATT.
IN/OUT VSWR: 2:1 TYP.
DC VOLTAGE: +12V $\pm$ 10% @ 700 mA MAX.
-12V $\pm$ 10% @ 100 mA MAX.
RF INPUT POWER: +15 dBm CW MAX.

CONNECTORS: J1, J2 - 2.92mm FEMALE FIELD REMOVABLE, STAINLESS STEEL
J3 - DB9 MALE
PIN FUNCTIONS: P1: N/C
P2: +12V
P3: LATCH_IN
P4: GND
P5: MOSI
P6: SCK
P7: CS_ATT
P8: -12V
P9: N/C

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: 18-40 GHz LOW NOISE VARIABLE GAIN AMPLIFIER		
		DRAW	11/10/17	BME	CODE: QP-AMATT-1840-02	REV.:	SHEET:
		CHECKED	11/10/17	BME		002	1 OF 1
		APPROVED	11/10/17	JAV			