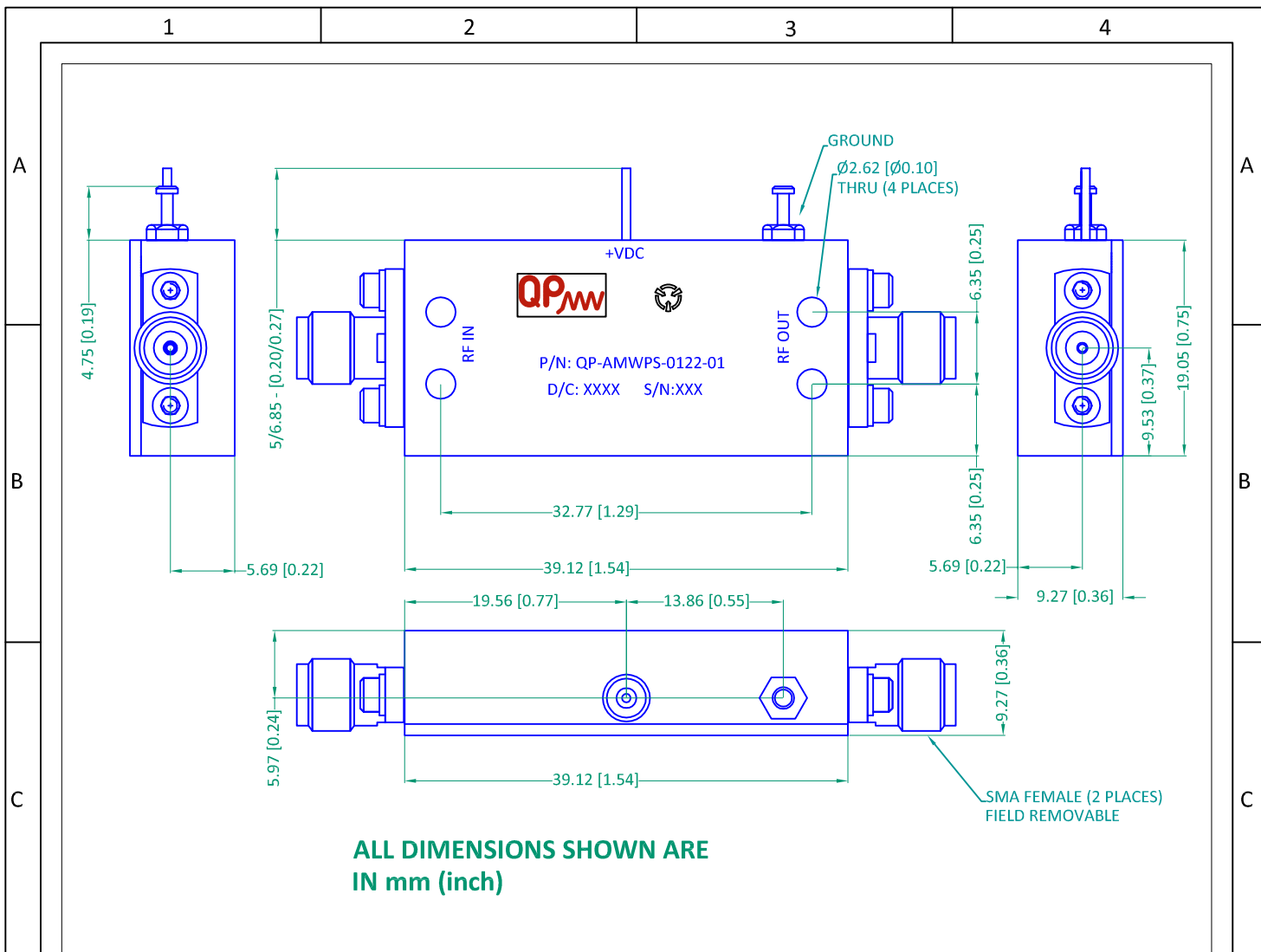




ELECTRICAL SPECIFICATIONS:

FREQUENCY RANGE:	1 - 22 GHz
GAIN:	20.5 dB $\pm$ 0.5 dB @1 GHz (excluding linearity error)
POSITIVE SLOPE:	7 dB NOM. (defined as GAIN @22 GHz - GAIN @1 GHz)
GAIN LINEARITY:	$\pm$ 1.5 dB MAX.
TEMPERATURE SHIFT:	0.03 dB/°C MAX.
NOISE FIGURE:	6 dB MAX.
OIP3:	30 dBm MIN.
INPUT VSWR:	2.0:1 MAX.
OUTPUT VSWR:	2.5:1 MAX.
DC VOLTAGE:	+12 V $\pm$ 5%
DC CURRENT:	500 mA MAX.
RF INPUT POWER:	+15 dBm CW MAX.

ENVIRONMENTAL RATINGS

- TEMPERATURE: -40°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
- THERMAL SHOCK: MIL-STD-202G, METHOD 107D COND. A

FINISH: NICKEL PLATING



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: LNA WITH POSITIVE SLOPE 1 - 22 GHz		
		DRAW	07/05/15	BME	CODE: QP-AMWPS-0122-01	REV.:	SHEET:
		CHECKED	07/05/15	JAV		003	1 DE 1
		APPROVED	07/05/15	JAV			