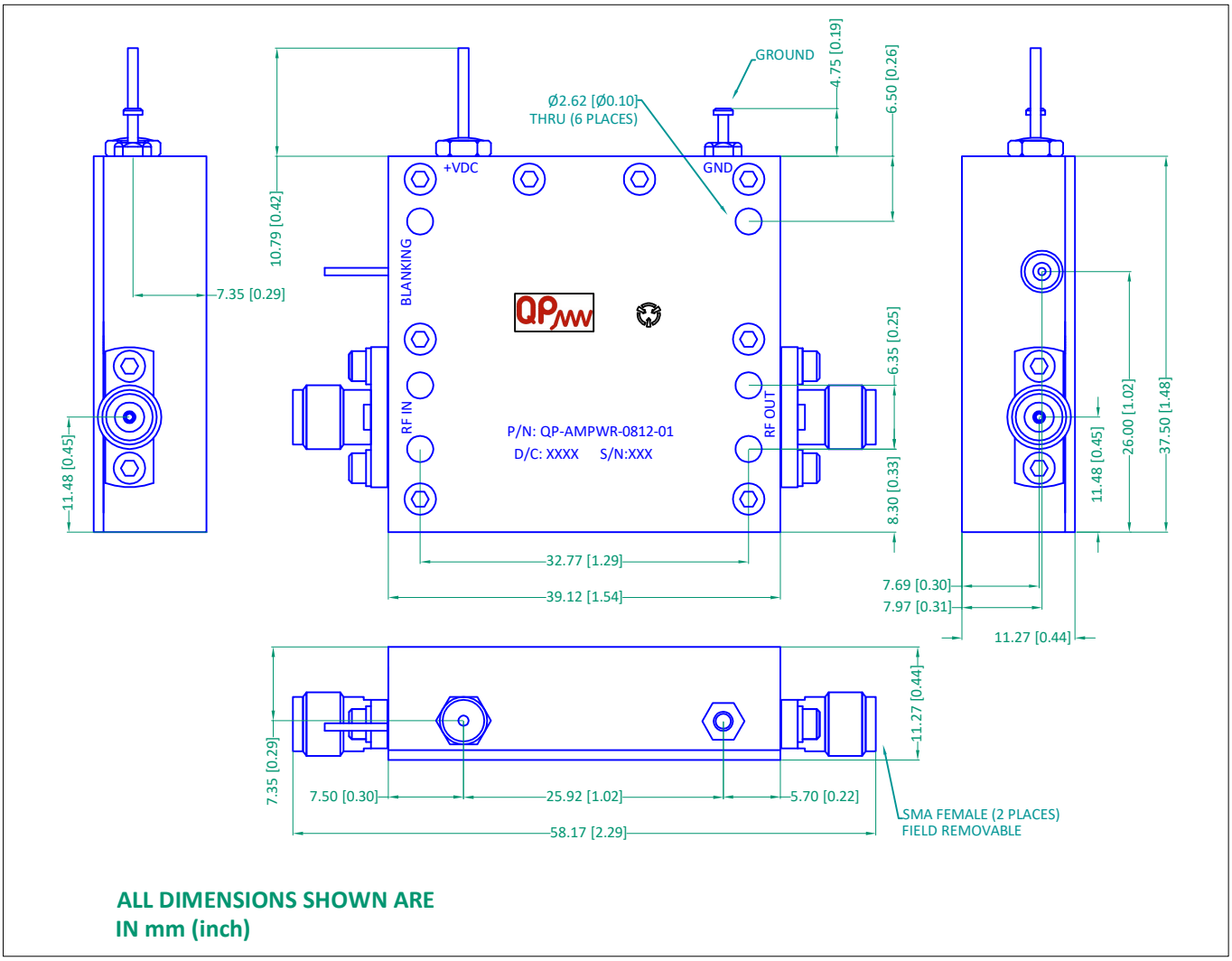

ALL DIMENSIONS SHOWN ARE IN mm (inch)

ELECTRICAL SPECIFICATIONS:

FREQUENCY RANGE:	8-12 GHz
GAIN:	35 dB TYP. (LINEAR)
	31 dB TYP. (COMPRESSION)
FLATNESS:	±3 dB MAX.
OP1dB:	34 dBm TYP.
OPsat:	36 dBm TYP.
INPUT/OUTPUT VSWR:	2:1 MAX.
DC VOLTAGE:	+8 V ± 5%
DC CURRENT:	2.8 A MAX.
RF INPUT POWER:	+20 dBm CW MAX.

ENVIRONMENTAL RATINGS

- TEMPERATURE:	-40ºC TO +85ºC (OPERATING)
	-55ºC TO +125ºC (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

CAUTION
STATIC SENSITIVE DEVICE

NOTE: The above specifications are subject to change or revision. Specifications are at 25ºC unless stated otherwise.

QP microWAVE
CÓLQUIDE 6
28231 LAS ROZAS
MADRID, SPAIN

APPROVALS	DATE	SIGNED
DRAW	06/11/17	BME
CHECKED	06/11/17	JAV
APPROVED	06/11/17	JAV

DESCRIPTION: **POWER AMPLIFIER 8-12 GHz**

CODE: **QP-AMPWR-0812-01**

REV.: 002

SHEET: 1 DE 1