

1 2 3 4

A

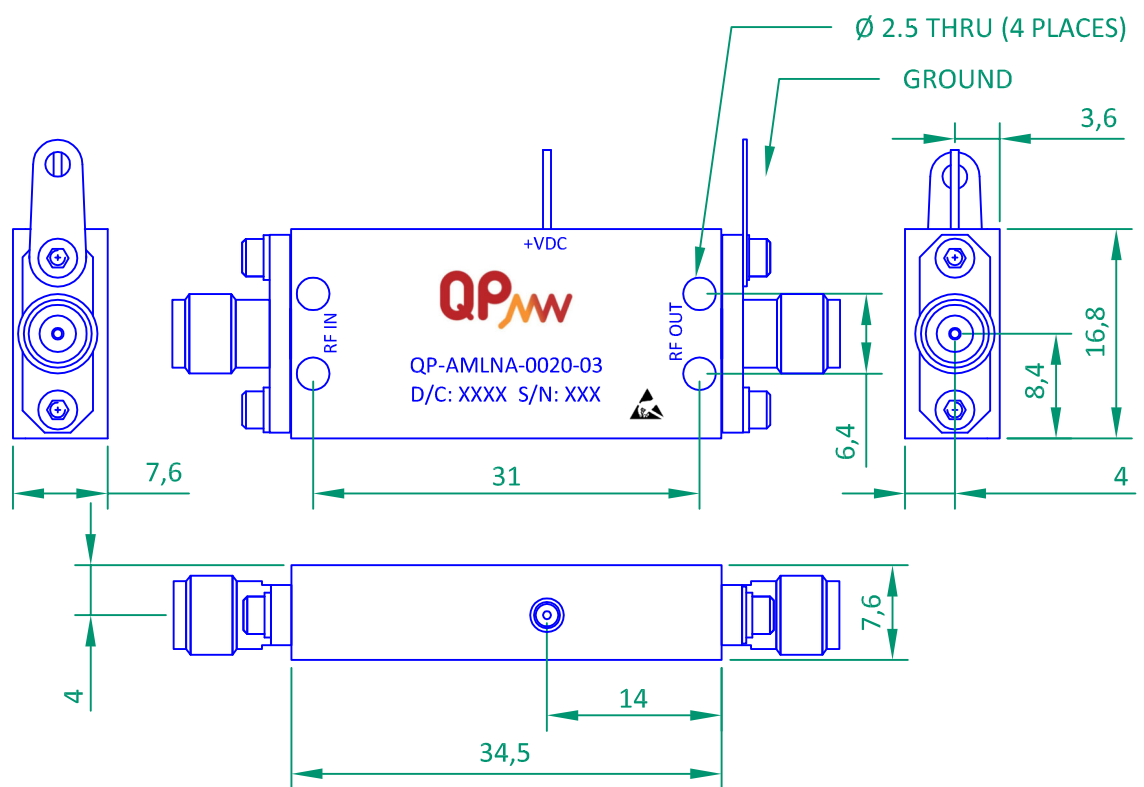
B

C

A

B

C



ALL DIMENSIONS SHOWN ARE IN mm

**ELECTRICAL SPECIFICATIONS**

FREQUENCY RANGE: 0.1 - 20 GHz  
 GAIN: 23 dB TYP.  
 FLATNESS: ±2 dB MAX.  
 VSWR: 2:1 MAX.  
 NOISE FIGURE: 7 dB MAX. @ f < 1 GHz  
 5 dB MAX. @ f ≥ 1 GHz  
 OP3dB: 17 dBm MIN.  
 HP2: 30 dBc MAX. @ Pin=0 dBm  
 HP3: 30 dBc MAX. @ Pin=0 dBm  
 DC VOLTAGE: +12 V ± 5%  
 DC CURRENT: 220 mA MAX.  
 RF INPUT POWER: 18 dBm CW MAX.

**MECHANICAL SPECIFICATIONS**

EPOXY SEALED PACKAGE  
 FIELD REPLACEABLE 2.92mm CONNECTORS  
 VDC & GND SOLDER PINS  
 NICKEL PLATING

**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  
 - 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.

F

F

	<b>QP microWAVE</b> CÔLQUIDE 6 28231 LAS ROZAS MADRID, SPAIN	APPROVALS	DATE	SIGNED	DESCRIPTION: <b>0.1-20 GHz LOW NOISE AMPLIFIER</b>	REV.:	SHEET:
		DRAW	07/07/21	BME	<b>QP-AMLNA-0020-03</b>	001	1 OF 1
		CHECKED	07/07/21	BME			
		APPROVED	07/07/21	JAV			