



**ELECTRICAL SPECIFICATIONS**

FREQUENCY RANGE: 0.1 - 20 GHz  
 GAIN: 28 dB TYP.  
 FLATNESS: ±1.5 dB MAX.  
 NOISE FIGURE: 4 dB TYP.  
 OP1dB: 15 dBm MIN.  
 19 dBm TYP.  
 OIP3: 25 dBm MIN.  
 VSWR: 2:1 MAX.  
 DC VOLTAGE: +12 V ± 5%  
 DC CURRENT: 350 mA MAX.  
 RF INPUT POWER: +18 dBm CW MAX.

**MECHANICAL SPECIFICATIONS**

EPOXY SEALED PACKAGE  
 FIELD REPLACEABLE SMA 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.

 <b>QP microWAVE</b> CÓLQUIDE 6 28231 LAS ROZAS MADRID, SPAIN	APPROVALS	DATE	SIGNED	DESCRIPTION: <b>LNA 0.1-20 GHz</b>		
	DRAW	05/05/21	BME	CODE:	REV.:	SHEET:
	CHECKED	05/05/21	BME	<b>QP-AMLNA-0020-02</b>		
	APPROVED	05/05/21	JAV	002	1 OF 1	