



### ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE:	2.4 - 2.5 GHz
GAIN:	30 dB MIN.
GAIN FLATNESS:	± 0.75 dB MAX.
OP1dB:	31 dBm MIN.
VSWR:	2:1 MAX.
DC VOLTAGE:	5.5 V ± 5%
DC CURRENT:	600 mA MAX.
RF INPUT POWER:	23 dBm MAX.

### MECHANICAL SPECIFICATIONS

EPOXY SEALED PACKAGE  
 FIELD REPLACEABLE SMA CONNECTORS  
 OUTPUT POWER DETECTION AVAILABLE IN Vdet PIN  
 VDC, Vdet & GND SOLDER PINS  
 NICKEL PLATING

### ENVIRONMENTAL RATINGS

- TEMPERATURE:	-40°C TO +60°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>2.4-2.5 GHz POWER AMPLIFIER</b>	REV.:	SHEET:	
		DRAW	25/05/21	BME	CODE:	<b>QP-AMPWR-2425-01</b>	000	1 OF 1
		CHECKED	25/05/21	BME				
		APPROVED	25/05/21	JAV				