



ALL DIMENSIONS SHOWN ARE IN mm [inch]

**ELECTRICAL SPECIFICATIONS:**

- FREQUENCY RANGE: 0.25 - 3.5 GHz
- INSERTION LOSS: 0.3 dB TYP. @ 0.25 GHz  
0.8 dB TYP. @ 3.5 GHz  
1 dB MAX.
- RETURN LOSS: 14 dB MIN.  
25 dB TYP.
- CW INCIDENT POWER: 45 dBm (30 W) MAX. @ Tcase=85°C
- PEAK INCIDENT POWER: 54 dBm (200 W) MAX. @ PW=1  $\mu$ s, DC=0.1%
- FLAT LEAKAGE: 15 dBm TYP. @ CW Pin=30 dBm  
20 dBm TYP. @ CW Pin=45 dBm  
21 dBm TYP. @ Pulsed Pin=50 dBm, PW=1  $\mu$ s, DC=0.1%
- RECOVERY TIME: 500 ns TYP.
- IP1dB: 8 dBm TYP.
- IN/OUT DC BLOCKING: YES

**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



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

<p>QP microWAVE CÓLQUIDE 6 28231 LAS ROZAS MADRID, SPAIN</p>	APPROVALS	DATE	SIGNED	DESCRIPTION: 0.25-3.5 GHz 30W POWER LIMITER	REV.:	SHEET:
	DRAW	28/08/19	BME	QP-LMPWR-0004-01	001	1 OF 1
	CHECKED	28/08/19	BME			
	APPROVED	28/08/19	JAV			