



ALL DIMENSIONS SHOWN ARE IN mm [inch]

ELECTRICAL SPECIFICATIONS:

FREQUENCY RANGE: 1 - 2 GHz
 INSERTION LOSS: 0.5 dB TYP. @ 1 GHz
 0.75 dB TYP. @ 2 GHz
 1 dB MAX.
 RETURN LOSS: 15 dB MIN.
 18 dB TYP.
 CW INCIDENT POWER: 50 dBm (100 W) MAX. @ Tcase=85°C
 PEAK INCIDENT POWER: 60 dBm (1 kW) MAX. @ PW=25 μs, DC=5%
 FLAT LEAKAGE: 15 dBm TYP. @ CW Pin=35 dBm
 7.5 dBm TYP. @ CW Pin=50 dBm
 15 dBm TYP. @ Pulsed Pin=60 dBm, PW=25 μs, DC=5%
 RECOVERY TIME: 1.5 μs TYP.
 IP1dB: 9 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.

	QP microWAVE CÔLQUIDE 6 28231 LAS ROZAS MADRID, SPAIN	APPROVALS	DATE	SIGNED	DESCRIPTION: 1-2 GHz 100W POWER LIMITER	REV.:	SHEET:
		DRAW	28/08/19	BME	QP-LMPWR-0102-01	00A	1 OF 1
		CHECKED	28/08/19	BME			
APPROVED	28/08/19	JAV					