



ALL DIMENSIONS SHOWN ARE IN mm [inch]

ELECTRICAL SPECIFICATIONS:

FREQUENCY RANGE:	2 GHz - 8 GHz
INSERTION LOSS:	1 dB MAX. @ 2 GHz 2 dB MAX. @ 8 GHz
RETURN LOSS:	15 dB MIN. 20 dB TYP.
CW INCIDENT POWER:	44 dBm (22W) MAX. @ Tcase=85°C
PEAK INCIDENT POWER:	52 dBm (160W) MAX. @ PW=1 μ s, DC=0.1%, Tcase=85°C
FLAT LEAKAGE:	13 dBm TYP. @ CW Pin=30 dBm 14 dBm TYP. @ CW Pin=44 dBm 15 dBm TYP. @ Pulsed Pin=50 dBm, PW=2 μ s, DC=0.1%
RECOVERY TIME:	1500 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
- 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.



QP microWAVE
CÓLQUIDE 6
28231 LAS ROZAS
MADRID, SPAIN

APPROVALS	DATE	SIGNED
DRAW	27/08/20	CRU
CHECKED	27/08/20	CRU
APPROVED	27/08/20	JAV

DESCRIPTION: 2 GHz - 8 GHz POWER LIMITER

CODE: QP-LMPWR-0208-02

REV.:	SHEET:
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