



**ALL DIMENSIONS SHOWN
ARE IN mm (inch)**

ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE:	16 - 40 GHz
FLATNESS@-20dBm:	±2 dB
SENSITIVITY:	1000 mV/mW MIN. 1500 mV/mW TYP.
VSWR:	2.5:1 TYP. 4:1 MAX.
OUTPUT CAPACITANCE:	10 pF MAX.
VIDEO IMPEDANCE:	100 Ohm TYP. 350 Ohm MAX.
BIAS:	150 µA TYP.
POWER HANDLING:	+20dBm CW +26dBm PULSED (25% DUTY CYCLE)

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	DESCRIPTION: DETECTOR SCHOTTKY 16-40 GHz	REV.:	SHEET:
DRAW	14/11/17	BME	QP-DTSTK-1640-01	002	1 OF 1
CHECKED	14/11/17	JAV			
APPROVED	14/11/17	JAV			