



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

ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE: 6 - 18 GHz
 FLATNESS@-20dBm: ±1 dB
 SENSITIVITY: 2200 mV/mW MIN.
 2600 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
 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 6-18 GHz	REV.:	SHEET:
		DRAW	14/09/15	BME	QP-DTSTK-0618-01	001	1 DE 1
		CHECKED	14/09/15	JAV			
APPROVED	14/09/15	JAV					