

**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*

	<b>QP microWAVE</b> CÓLQUIDE 6 28231 LAS ROZAS MADRID, SPAIN	APPROVALS	DATE	SIGNED	DESCRIPTION: <b>DETECTOR SCHOTTKY 6-18 GHz</b>	REV.:	SHEET:
		DRAW	14/09/15	BME	<b>QP-DTSTK-0618-03</b>	<b>001</b>	<b>1 DE 1</b>
		CHECKED	14/09/15	JAV			
		APPROVED	14/09/15	JAV			