



DIMENSIONS APPEAR AS INCHES (mm). TOLERANCES APPLY TO DIMENSIONS IN INCHES

ELECTRICAL SPECIFICATIONS:

FREQUENCY RANGE: 16 - 40 GHz
 INSERTION LOSS: 6.0 dB MAX.
 ISOLATION: 60 dB MIN.
 VSWR: 2.5:1 MAX.
 SWITCHING TIME: ON: 25 ns MAX. (50% VCRTL TO 90% RF)
 OFF: 25 ns MAX. (50% VCRTL TO 10% RF)
 CONTROL: TTL (See table)
 BIAS: +5V, 50 mA -5V to -15V, 50 mA

Ctrl Line		RF Output	
C1	C2	J1	J2
0	0	ON(*)	ON (*)
0	1	ON	OFF
1	0	OFF	ON
1	1	OFF	OFF
N/C	N/C	OFF	OFF

(*) Non Functional
 (N/C): Not Connected

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: SP2T ABSORTIVO 16 GHz -40 GHz	REV.:	SHEET:
		DRAW	30/11/15	BME	CODE:	002	1 OF 1
		CHECKED	30/11/15	JAV	QP-SWS2R-1640-01		
		APPROVED	30/11/15	JAV			