



### ELECTRICAL SPECIFICATIONS:

FREQUENCY RANGE:	0.5 - 6 GHz
INSERTION LOSS:	3.5 dB MAX.
ISOLATION:	65 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
RF INPUT POWER:	+23 dBm CW max.

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: <b>ABSORPTIVE SP2T 0.5 - 6 GHz</b>	REV.:	SHEET:
DRAW	24/02/20	BME	<b>QP-SWS2A-0006-01</b>	000	1 OF 1
CHECKED	24/02/20	JAV			
APPROVED	24/02/20	JAV			