

1

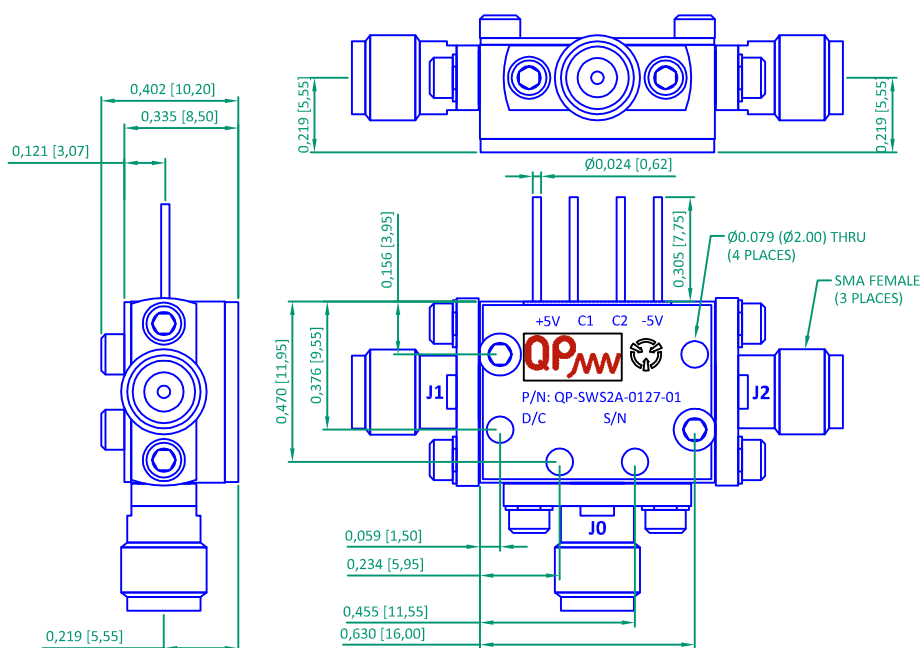
2

3

4

A

A



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

B

B

C

C

### ELECTRICAL SPECIFICATIONS:

FREQUENCY RANGE: 1 - 27 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  
 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

D

D

### 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

E

E



NOTE: The above specifications are subject to change or revision. Specifications are at 25°C unless stated otherwise.

F

F

**QP microWAVE**

**QP microWAVE**  
 CÓLQUIDE 6  
 28231 LAS ROZAS  
 MADRID, SPAIN

APPROVALS	DATE	SIGNED	DESCRIPTION: <b>ABSORPTIVE SP2T 1 - 27 GHz</b>	REV.:	SHEET:
DRAW	01/06/17	BME	<b>QP-SWS2A-0127-01</b>	002	1 DE 1
CHECKED	01/06/17	JAV			
APPROVED	01/06/17	JAV			

1

2

3

4