

1

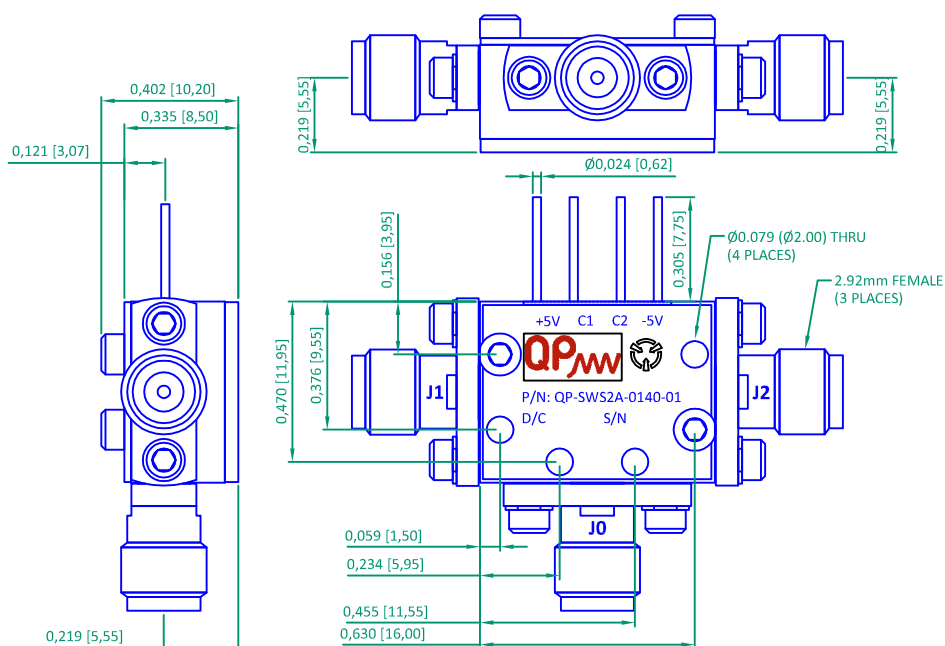
2

3

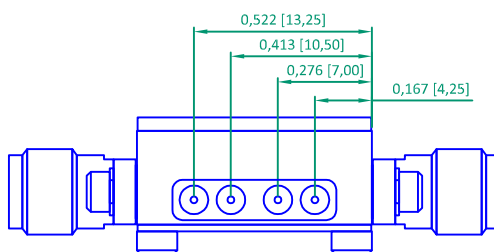
4

A

A



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



B

B

C

C

ELECTRICAL SPECIFICATIONS:

FREQUENCY RANGE:	1 - 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
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
CÓLQUIDE 6
28231 LAS ROZAS
MADRID, SPAIN

APPROVALS	DATE	SIGNED	DESCRIPTION: ABSORPTIVE SP2T 1 - 40 GHz	REV.:	SHEET:
DRAW	01/06/17	BME	QP-SWS2A-0140-01	002	1 DE 1
CHECKED	01/06/17	JAV			
APPROVED	01/06/17	JAV			

1

2

3

4