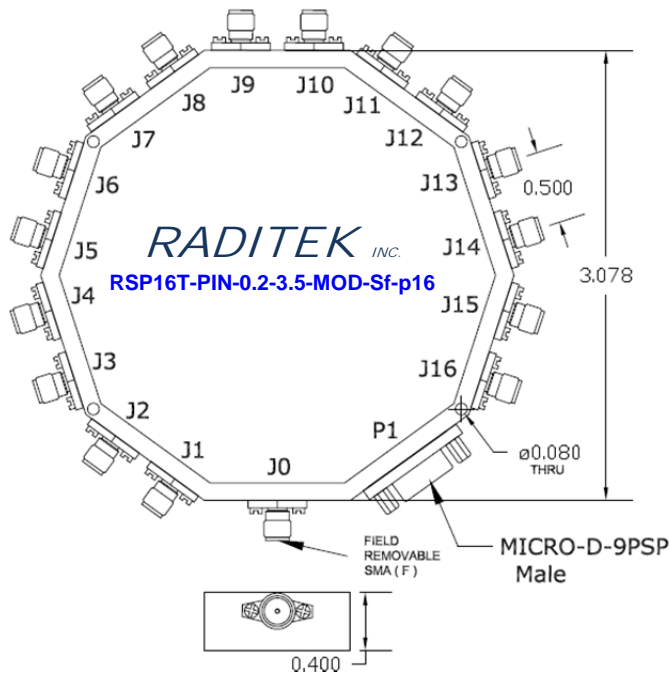


## Switch, Pin Diode, Single Pole 16 Throw, 0.2-3.5GHz, Module



Tolerance:  
Decimals      Angles  
 $\pm 0.01$        $\pm 3^\circ$   
 $\pm 0.005$

Units: Inch  
Not to scale

P1 PIN CONFI..	
PIN #	FUNCTION
1	-12
2	GND
3	+ 5
4	L1
5	L2
6	L3
7	L4
8	NC
9	NC

### Order Examples: RSP16T-PIN-0.2-3.5-MOD-p16

**Description:** (Switch Single Pole 16 Throw, Pin Diode, 0.2-3.5GHz, Module)

Specifications:	
Frequency Range	<b>0.2-3.5GHz</b>
Type	Absorptive Pin Switch
Insertion loss	Absorptive:4.0dB
VSWR	Reflective In/Out: 1.8:1 Absorptive In/Out: 1.8:1 Reflective Out/Off:1.8:1
Switching Speed	T (on)-50% TTL to 90% of RF Voltage: 100ns T (off)-50% TTL to 10% of RF Voltage: 100ns Port to Port switching speed < 100ns
Power Input	+30dBm (cw)
Survival Power	+33dBm (cw)
Control	TTL Binary coded 4 controls
Power Supply	+5 @ 200mA max // -12 @ 150mA max
RF Connectors	SMA Female
P1-Control & DC Connector	Micro D9Pin male
Operating Temperature	-40 to +85
Storage Temperature	-55 to +125
Shock	MIL-STD-202F, METHOD 213B COND, B
Vibration	MIL-STD-202F, METHOD 204D COND, B
Humidity	MIL-STD-202F, METHOD 108B COND, B
Altitude	MIL-STD-202F, METHOD 105C COND, B
Temperature cycle	MIL-STD-202F, METHOD 107D COND, A