

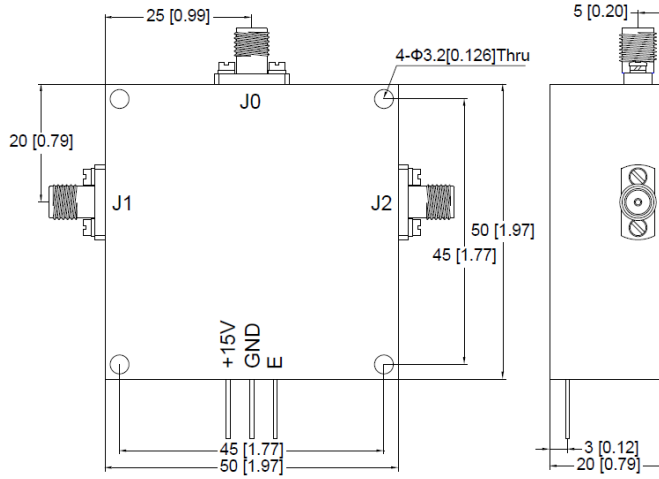


Model Number:
SWC-SPDT1P05A162002S

RF Components

PIN Diode Absorptive Switch

2.4 - 6.1 GHz



- Single pole double throw PIN diode absorptive switch
- TTL control
- High Isolation
- Low insertion loss

Available with RF connector options:

- 50 Ω SMA

Switch

RF Parameters		
SWC-SPDT1P05A162002S		
Frequency Range (GHz)		2.4 - 6.1
RF Connectors		50Ω SMA Female
Insertion Loss (dB)	Max	1.7
Switching Speed (nsec)	Max	280
VSWR	Max	1.5:1
Isolation (dB)	Min	50

TA = +25° C
Switching speed is defined as 50% TTL to 90% RF (t-on) and 50% TTL to 10% RF (t-off).

Environmental		
Operating Temperature		-45°C to +85°C
Storage Temperature		-55°C to +125°C
Vibration		25g rms (15 degree 2KHz)
Humidity	Max	100% RH at 35°C, 95% RH at 40°C
Shock		20G for 11msc

Absolute Maximum Ratings	
Biasing	+15V
TTL Control Voltage	+5V/0V
Input RF power	+40dBm

Truth Table	
Control Input TTL	Signal Path State
E	
0	J0-J1
1	J0-J2

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport

