



RF Components

PIN Diode Reflective Switch

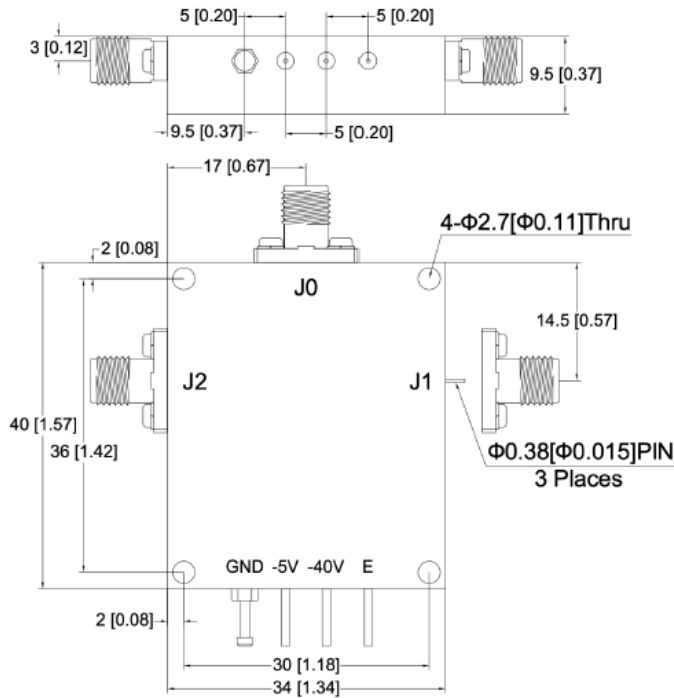
DC - 6 GHz

Model Number:
SW-SPDTCX-1611

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

Available with RF connector options:

- 50 Ω SMA



RF Parameters		
SW-SPDTCX-1611		S5S5
Frequency Range (GHz)		DC - 6
RF Connectors		50 Ω SMA
Insertion Loss (dB)	Max	1.3
Switching Speed (nsec)	Max	100
VSWR	Max	1.7.1
Isolation (dB)	Min	25

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	-5V, -40V
DC Bias:	Max 5V@ 100mA max -40V@ 100mA max
TTL Control Voltage	+5V/0V
Input RF power	+46dBm

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

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport

