

# SPDT Switch

DC - 6GHz

- Single pole double throw coaxial switch
- Pulse latching
- High Isolation
- Low insertion loss
- Break before make
- 50Ω SMA connector

RF Parameters					
Frequency Range (GHz)		DC - 1	1-2	2-4	4-6
Insertion Loss (dB)	Max	0.20	0.20	0.20	0.30
VSWR	Max	1.20:1	1.20:1	1.20:1	1.30:1
Isolation (dB)	Min	80	80	80	70
Average Power (W)	Typ	185	120	85	60
Connectors		50Ω SMA			

Characteristics		
Switching Speed (msec)	Max	15
Actuating current (mA)	Max	190 @ 12 Vdc & 25°C
Life cycles	Min	1M
Weight (oz)	Typ	1.0 Nom

Operating Parameters	
Operating Voltage	12 V nominal

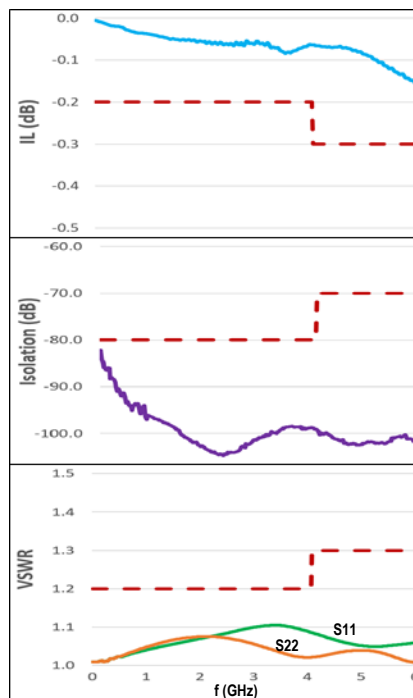
Environmental		
Operating Temperature		-40°C to +85°C
Storage Temperature		-55°C to +100°C
Altitude	Max	30,000 feet

Note 1: The specification provided is at nominal bias voltage and at 25°C unless otherwise specified

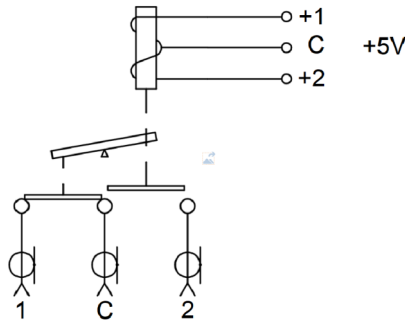
Note 2: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.

Note 3: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.

Typical RF Performance

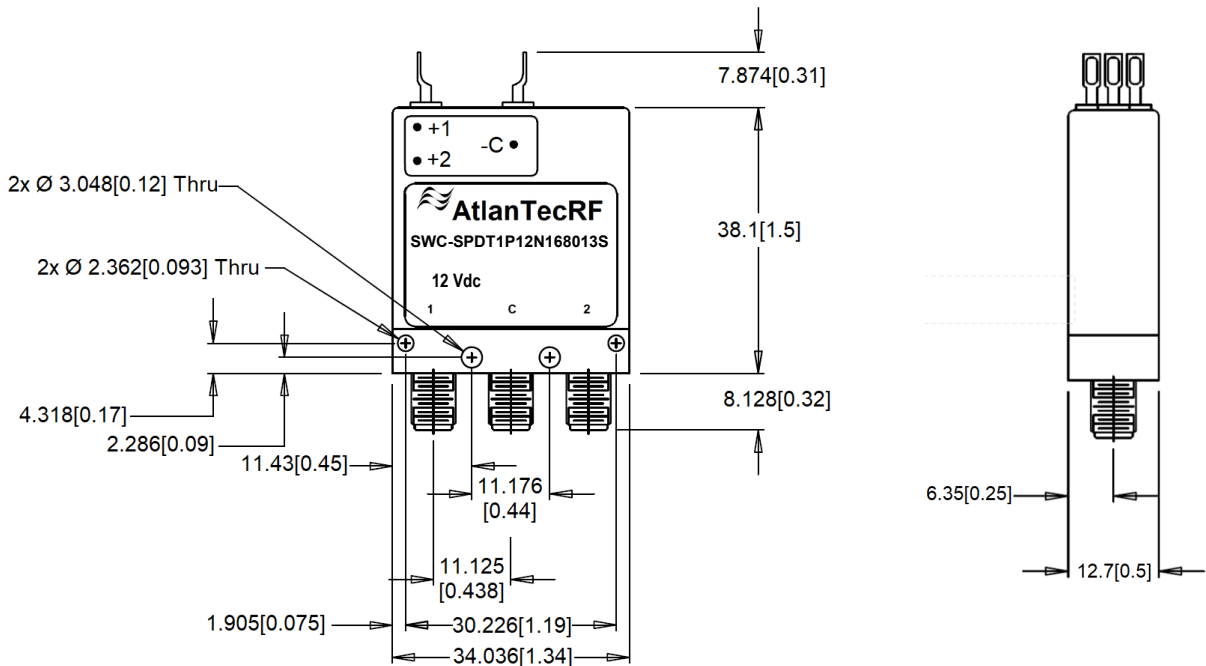


## Schematics

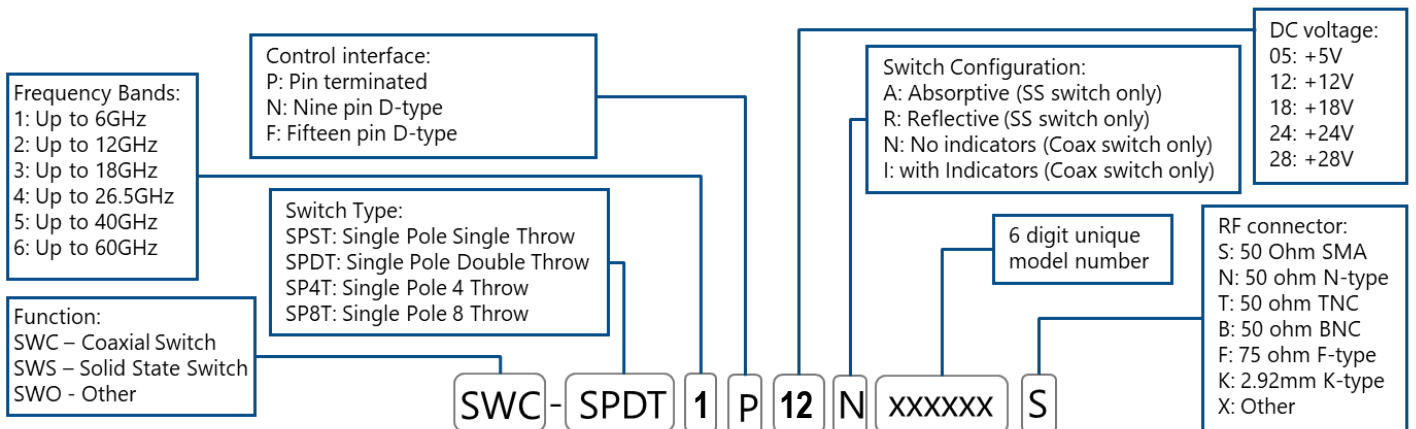


Schematic shown in position 1 (+1 last energised)

## Physical Dimensions (mm) [ins]



## Model Numbering System



- Contact us with specific requirements for other options

ATLANTIC MICROWAVE LIMITED  
40a Springwood Drive  
Braintree  
Essex  
England CM7 2YN

TELEPHONE  
+44 (0)1376 550220

EMAIL  
sales@atlanticmicrowave.co.uk

FACSIMILE  
+44 (0)1376 552145

WEB  
www.atlanticmicrowave.com

