

# Coaxial SPDT Switch

DC - 18 GHz

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



RF Parameters		DC - 4	4 - 8	8 - 12.4	12.4 - 18
Frequency Range (GHz)					
Insertion Loss (dB)	Max	0.2	0.3	0.4	0.5
VSWR	Max	1.2	1.3	1.4	1.5
Isolation (dB)	Min	80	70	60	60
Average Power (W)	Typ	85	55	45	35
Connectors		50Ω SMA			

Operating Parameters	
Operating Voltage	+5 V ± 0.8 V

Characteristics		
Switching Speed (msec)	Max	15
Actuating current (mA)	Max	460
Life cycles	Min	1M
Weight (gr)	Typ	40

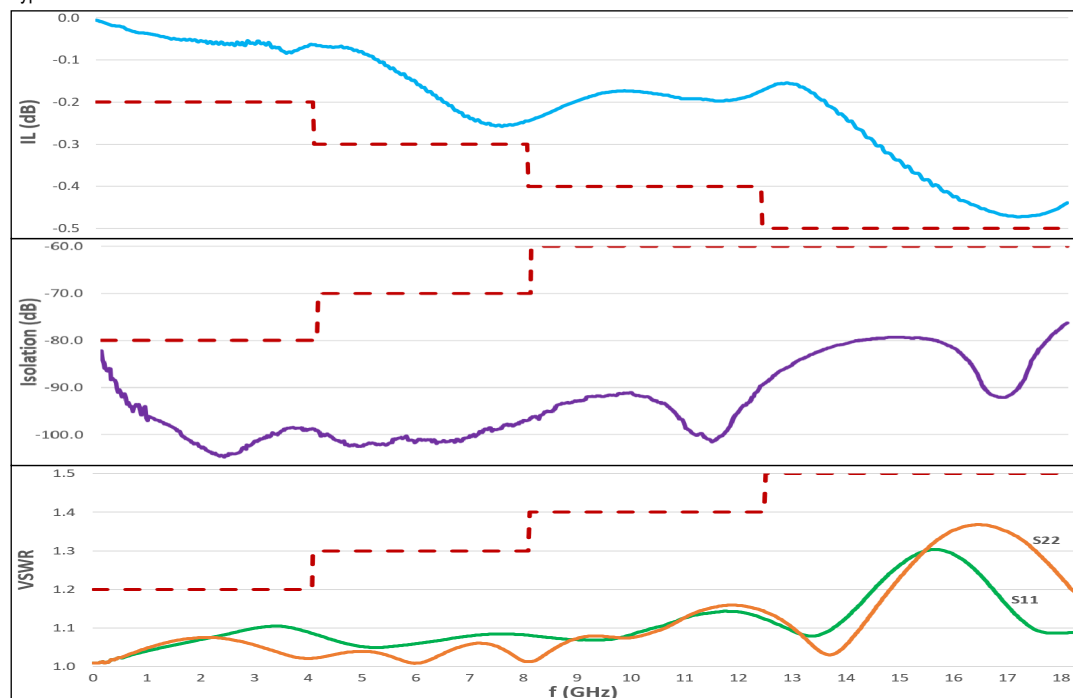
Environmental		
Operating Temperature		-40°C to +85°C
Storage Temperature		-55°C to +100°C
Altitude	Max	30,000 feet

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

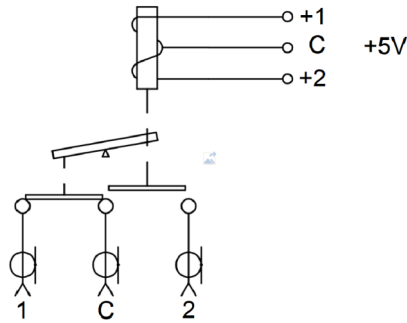
Note 2: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.

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

Typical RF Performance

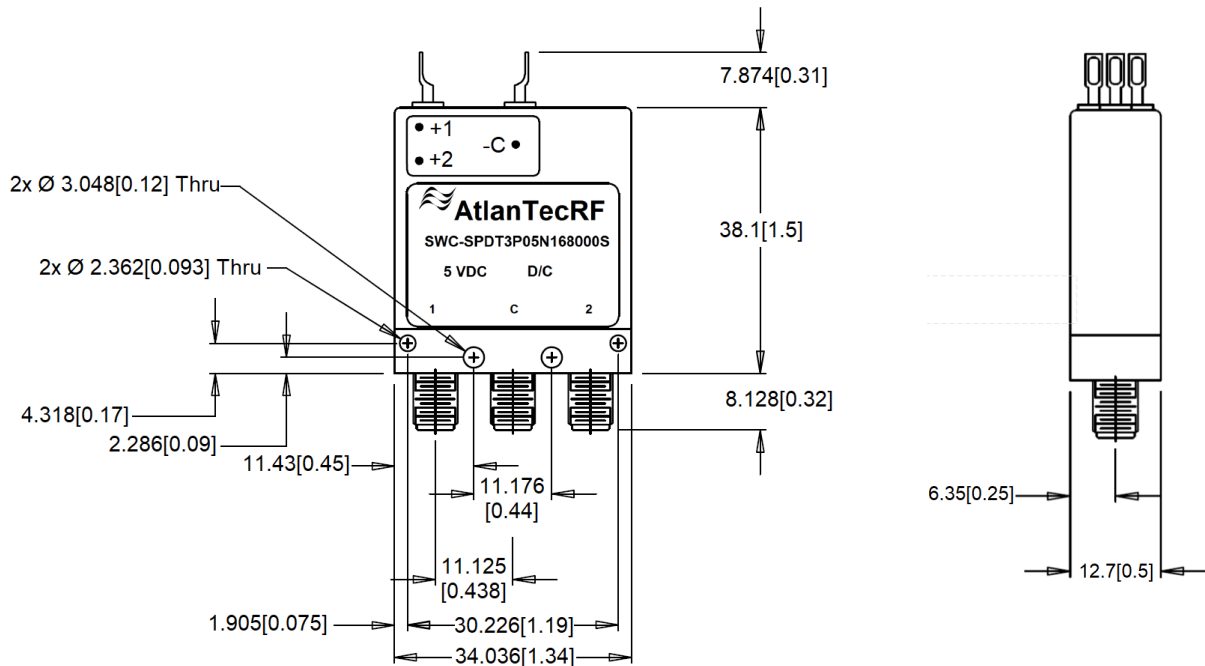


## Schematics

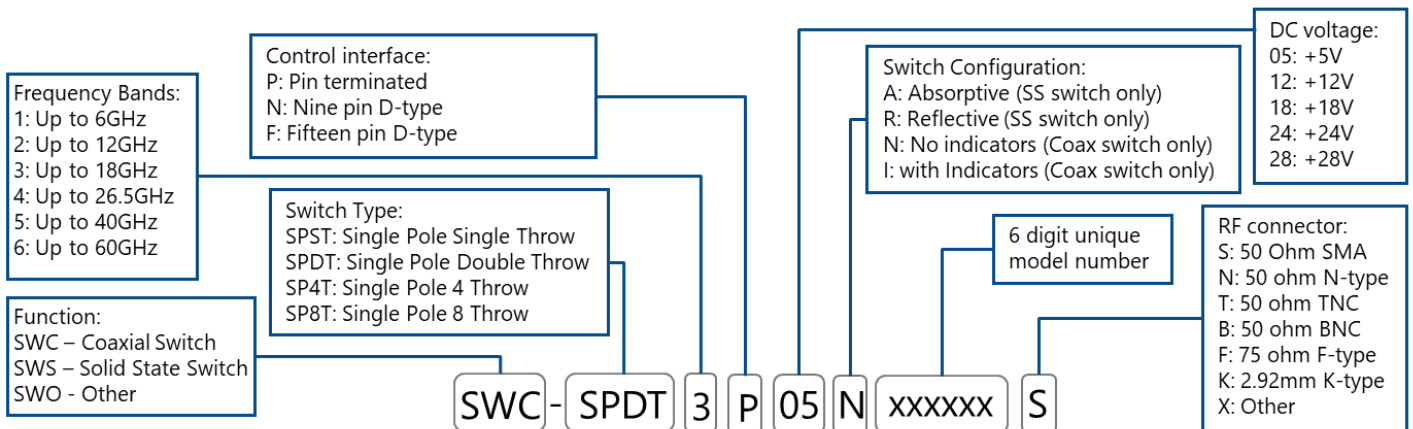


Schematic shown in position 1 (+1 last energised)

## Physical Dimensions (mm)



## Model Numbering System



- Contact us with specific requirements for other options

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