

## Coaxial Switch

SP3T-6T/2.92/40GHz/Latching Type

### Features:

- DC to 40GHz
- Higher reliability and longer lifespan
- Wide frequency range
- Low insertion loss, Low standing wave, high isolation

### Typical Applications:

- 5G communication testing, automated testing equipment
- Communication and Navigation System
- Military Aerospace Communication System
- Precision measuring equipment, radar transmitter RF signal control

### Electrical Specifications:

Parameter	Typical				
	DC-6GHz	6-12.4GHz	12.4-18GHz	18-26.5GHz	26.5-40GHz
Frequency Range	DC-6GHz	6-12.4GHz	12.4-18GHz	18-26.5GHz	26.5-40GHz
VSWR(Max)	1.30	1.40	1.50	1.70	2.00
Insertion Loss(Max)	0.30dB	0.40dB	0.50dB	0.80dB	1.00dB
Isolation(Min)	70dB	65dB	60dB	55dB	50dB
Power handing(W)	30W	20W	15W	10W	5W

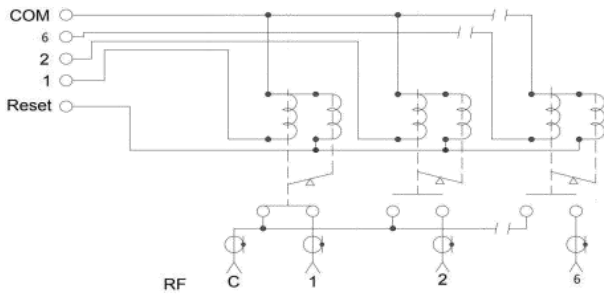
### Technical Specifications:

Parameter	Typical
RF Impedance	50Ω
Control voltage/current	DC12V/200mA,RESET=N*200mA
	DC24V/100mA,RESET=N*100mA
Switching time	<20ms
Operating life	>1000000cycles
Operating Temperature	-25℃ to+65℃
RF Interface	K(2.92mm) female

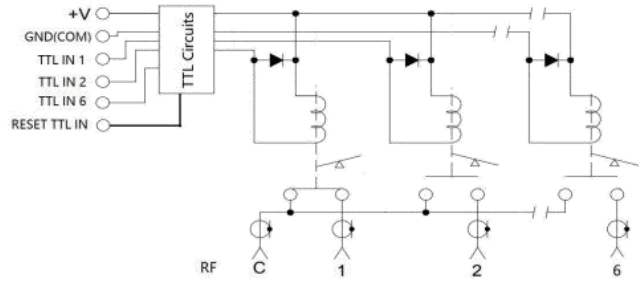
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**Schematics:**



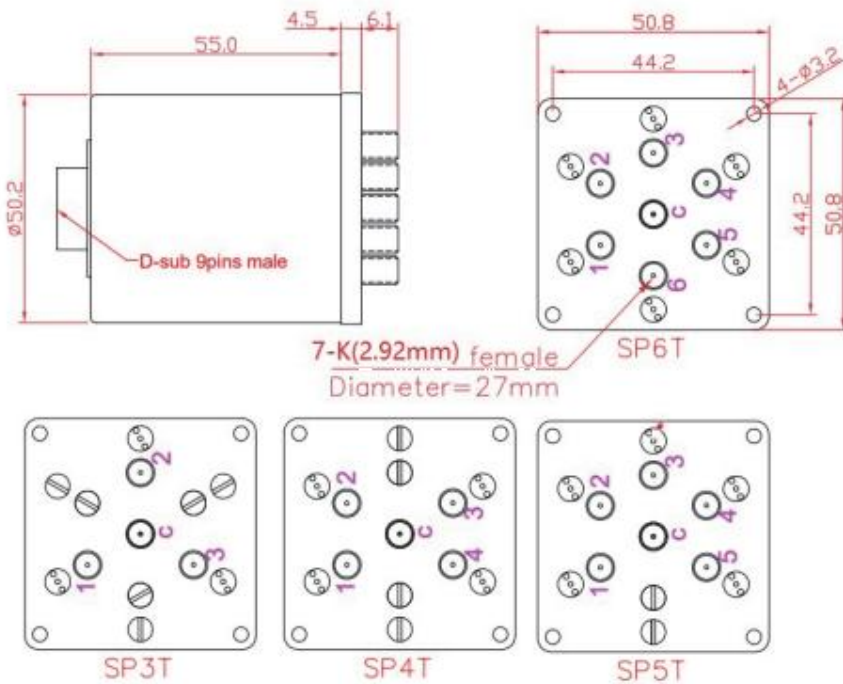
Volatge Control



With TTL Logic Control

**Outline Drawing:**

All Dimensions in mm



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