

Coaxial Switch

SPDT/SMA/18GHz/Pannel Mount Failsafe Type

Features:

- DC to 18GHz
- 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			
Frequency Range	DC-3GHz	3-6GHz	6-12.4GHz	12.4-18GHz
VSWR(Max)	1.20	1.30	1.40	1.50
Insertion Loss(Max)	0.20dB	0.30dB	0.40dB	0.50dB
Isolation(Min)	80dB	70dB	65dB	60dB
Power handing(W)	85W	60W	40W	20W

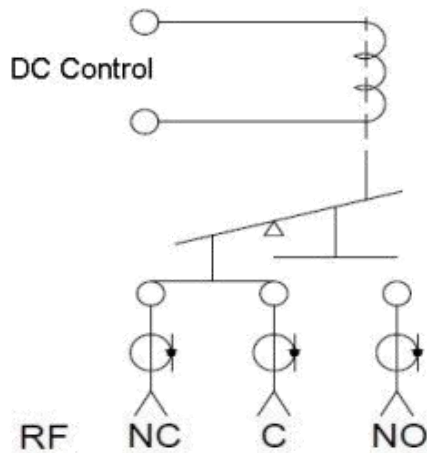
Technical Specifications:

Parameter	Typical
RF Impedance	50Ω
Control voltage/current	DC12V/240mA
	DC24V/100mA(Option:5V,15V,28V)
Switching time	<15ms
Operating life	>1000000cycles
Operating Temperature	-25℃ to+65℃
RF Interface	SMA female

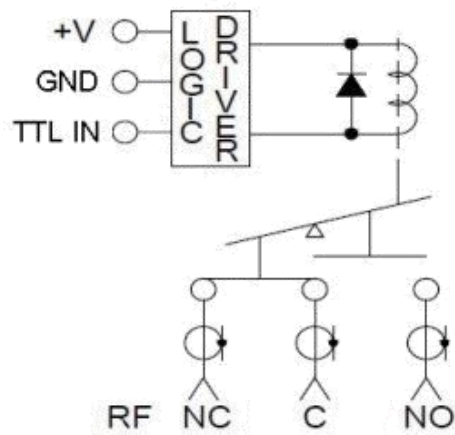
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Schematics:



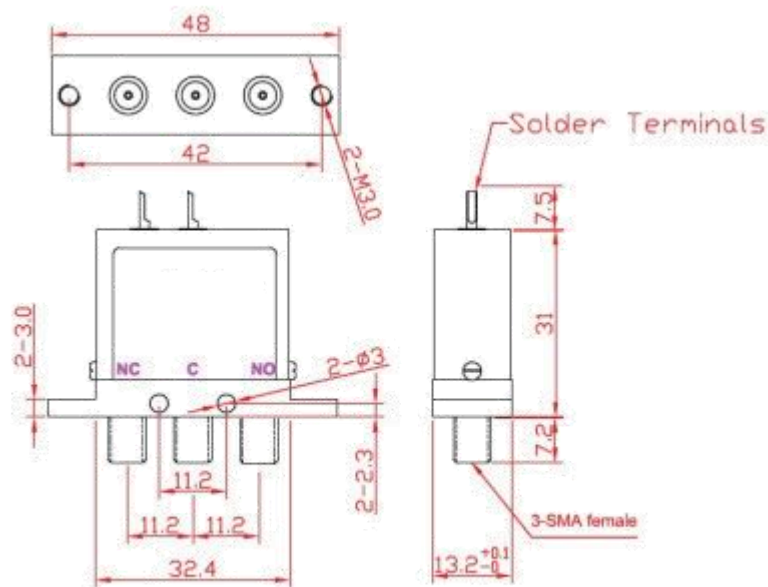
Volatge Control



With TTL Logic Control

Outline Drawing:

All Dimensions in mm



With TTL: 31.7+3=34.7mm



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