

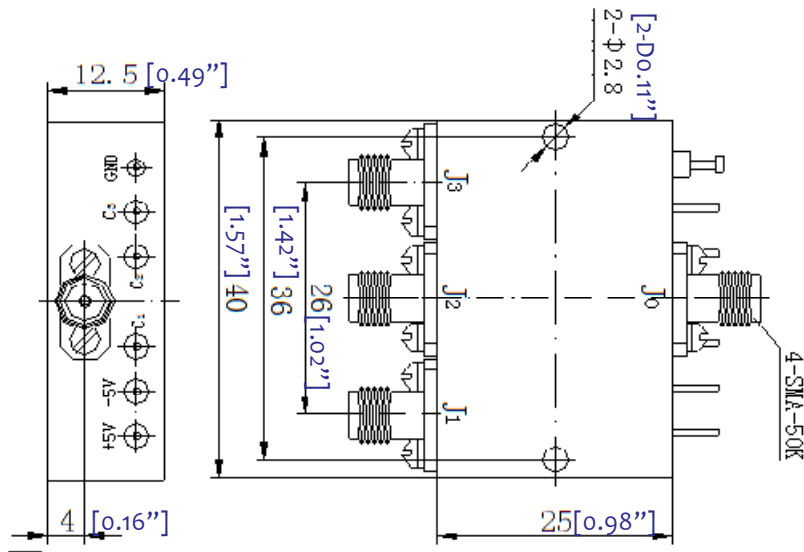


### Absorptive and Reflective 2-20GHz Coaxial SP3T



- Wide Band Operation 1-20GHz
- TTL compatible driver include
- Fast Switching Speed 50ns
- Low Insertion Loss and High Isolation
- Temperature Range -55°C~+85°C
- Customization available upon request

Absorptive SP7T- Single Pole Seven Throw						
Part Number	Frequency (GHz)	Insert. Loss (dB)	VSWR (Max:1)	Isolation min (dB)	Power (Watts)	Switching Speed (ns)
RFSP3TA0220G	2-20	3.6	2.2	60 min	0.5	100
Reflective SP7T- Single Pole Seven Throw						
Part Number	Frequency (GHz)	Insert. Loss (dB)	VSWR (Max:1)	Isolation min (dB)	Power (Watts)	Switching Speed (ns)
RFSP3TR0220G	2-20	3.6	2.2	60 min	0.5	100



#### Electrical Operation

DC Biasing: +5.0V (100mA max.)  
-5.0V (100mA max.)

TTL Logic Control: (C) HIGH = "ON"

Note: Contact RF-Lambda for faster switching speed, higher power handle, higher isolation

#### Environment Specifications:

1. Operational Temperature: -55°C~+85°C
2. Storage Temperature: -55°C~+125°C
3. Altitude: 45,000 ft
4. Vibration: 10g rms (15 degree 2KHz)
5. Humidity: 100% RH at 35C, 95% RH at 40c
6. Shock: 20g for 11msec

#### Mechanical Specification

- Case Style: AS SHOWN  
 Finishing: Nickel plating for brass material  
 Other finishing available  
 Connector: SMA-F Per MIL-C-39012  
 Control PIN: 0.02" dia x 0.15" solder pins  
 Weight: 100 grams max.  
 Mounting: (4) 0.1" dia through holes