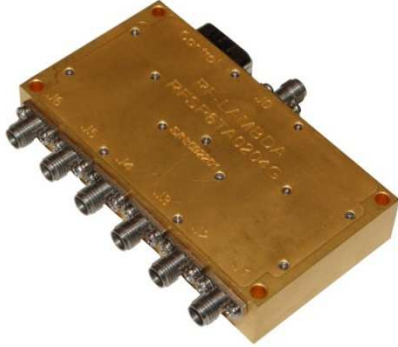




Absorptive and Reflective 2-20GHz Coaxial SP6T



Features

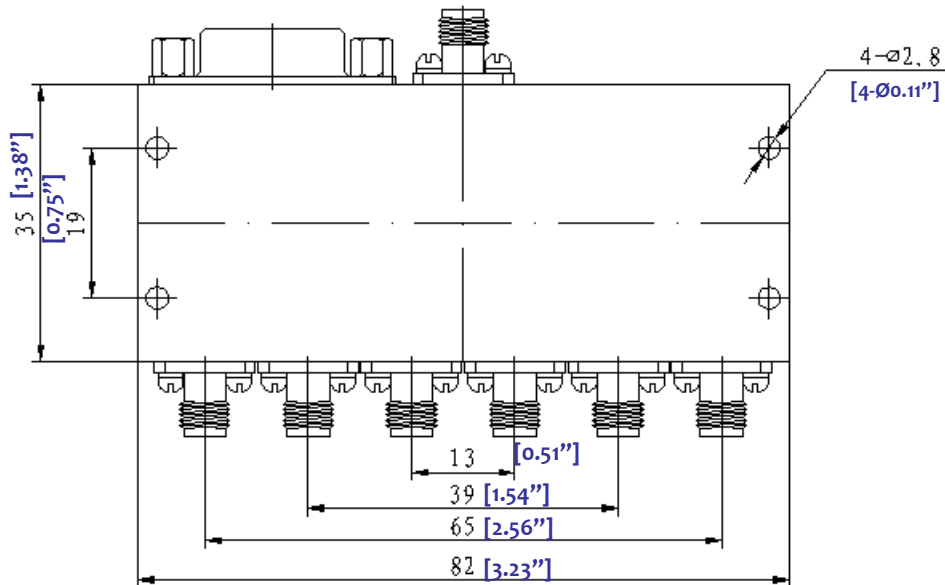
- Wide Band Operation 2-20GHz
- High Power Handle Capability up to 5W upon request.
- TTL compatible driver include
- Fast Switching Speed
- Low Insertion Loss and High Isolation
- Temperature Range -40°C~+85°C
- Customization available upon request

Absorptive SP6T- Single Pole Single Throw

Part Number	Frequency (GHz)	Insert. Loss (dB)	VSWR (Max:1)	Isolation min (dB)	Power (Watts)	Switching Speed (ns)
RFSP6TA0220G	2-20	4.1	2.2	60	0.2~1.0W	100

Reflective SP6T- Single Pole Single Throw

Part Number	Frequency (GHz)	Insert. Loss (dB)	VSWR (Max:1)	Isolation min (dB)	Power (Watts)	Switching Speed (ns)
RFSP6TR0220G	2-20	3.2	2.2	80	0.5~5W	100



①. +5V ②. -5V ③. GND ④. C1 ⑤. C2 ⑥. C3
⑦. ⑧. ⑨GND

C3	C2	C1	
0	0	0	J0-J1
0	0	1	J0-J2
0	1	0	J0-J3
0	1	1	J0-J4
1	0	0	J0-J5
1	0	1	J0-J6

switching speed, higher power handle, higher isolation

1.Higher power handle capability will give lower isolation , higher biasing current and slower switching speed.

2.Narrower frequency band will improve insertion loss and isolation.

3. Biasing:

-5V(Max, 70mA Typical 30mA)

+5V(Max, 350mA Typical 250mA)

