



Absorptive / Reflective 6-12GHz SP8T Switch

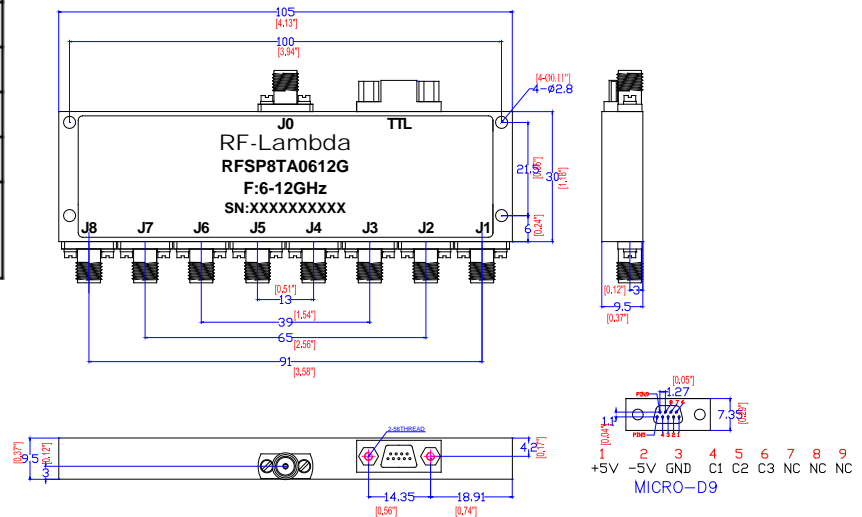


- Wide Band Operation 6-12GHz
- High Power Handle Capability from 0.2W CW to 50W upon request.
- TTL compatible driver include
- Fast Switching Speed
- Low Insertion Loss and High Isolation
- Temperature Range -40°C~+85°C
- Customization available upon request

Absorptive SP8T- Single Pole Eight Throw						
Part Number	Frequency (GHz)	Insert. Loss (dB)	VSWR (Max:1)	Isolation min (dB)	Avg. Power Handling (Watts)	Switching Speed (ns)
RFSP8TA0612G	6-12	3.9	2.0	60	0.2-1	100-500
Reflective SP8T- Single Pole Eight Throw						
Part Number	Frequency (GHz)	Insert. Loss (dB)	VSWR (Max:1)	Isolation min (dB)	Avg. Power Handling (Watts)	Switching Speed (us)
RFSP8TR0612G	6-12	3.0	2.0	60	1-5	0.5-10

Environment specifications	
Altitude	45000 ft
Vibration	10g rms (15 degree 2KHz)
Humidity	100% RH at 35c, 95%RH at 40 deg c
Shock	20G for 11msc
PIN define	PIN 1: +5V PIN 2: -5V PIN 3: GND PIN 4: C1 PIN 5: C2 PIN 6: C3 PIN 7, 8, 9 N/A

C3	C2	C1	ON
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
1	1	0	J0 → J7
1	1	1	J0 → J8



Absorptive / Reflective Coaxial Single Pole Eight Throw Switch 6-12GHz