

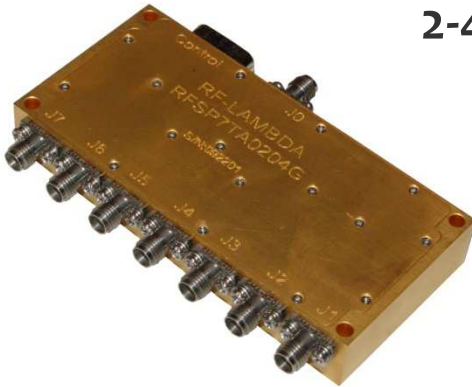


RF-LAMBDA

The power beyond expectations

2-4GHz PIN SP7T

Absorptive and Reflective 2-4GHz Coaxial SP7T



Features

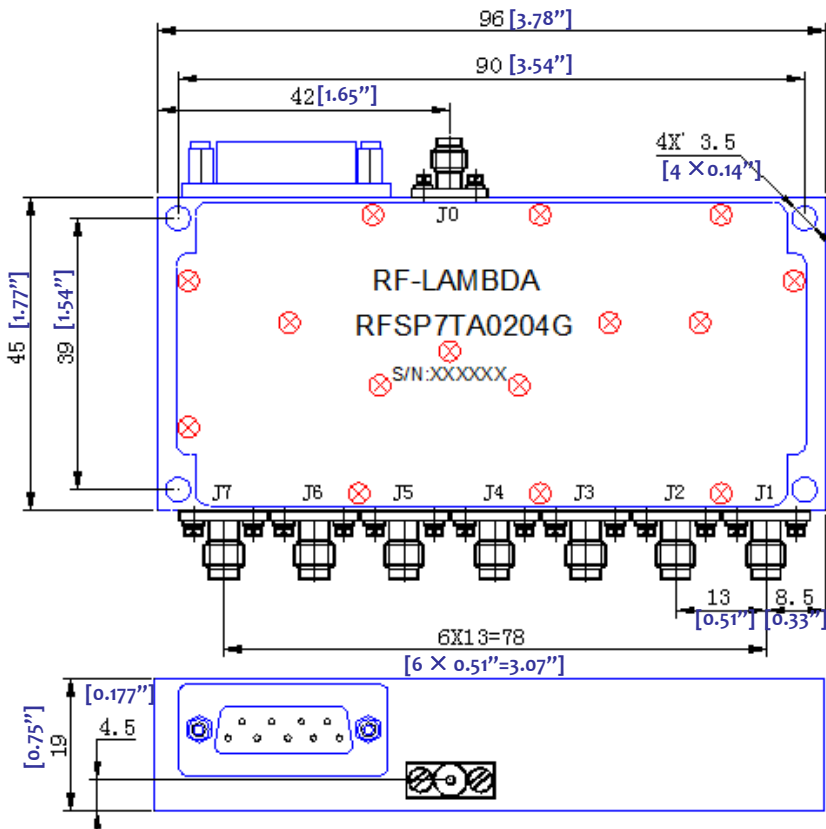
- Wide Band Operation 2-4GHz
- High Power Handle Capability up to 50W upon request.
- TTL compatible driver include
- Fast Switching Speed
- Low Insertion Loss and High Isolation
- Temperature Range -40°C~+85°C
- Customization available upon request

Absorptive SP7T- Single Pole Seven Throw

Part Number	Frequency (GHz)	Insert. Loss (dB)	VSWR (Max:1)	Isolation min (dB)	Power (Watts)	Switching Speed (ns)
RFSP7TA0204G	2-4	2.0	1.5	70	0.2W~1W	50~100

Reflective SP7T- Single Pole Seven Throw

Part Number	Frequency (GHz)	Insert. Loss (dB)	VSWR (Max:1)	Isolation min (dB)	Power (Watts)	Switching Speed (ns)
RFSP7TR0204G	2-4	2.0	1.5	70	0.5~50	100~500



Control Signal	ON
C3 C2 C1: 000	J0-J1
C3 C2 C1: 001	J0-J2
C3 C2 C1: 010	J0-J3
C3 C2 C1: 011	J0-J4
C3 C2 C1: 100	J0-J5
C3 C2 C1: 101	J0-J6
C3 C2 C1: 110	J0-J7
C3 C2 C1: 111	N/A

Note: Contact RF-Lambda for faster 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)

PIN	1	2	3	4	5	6	7-9
Fun.	+5V	-5V	GND	C1	C2	C3	N/A

Absorptive / Reflective Coaxial Single Pole Seven Throw Switch 2-4GHz



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