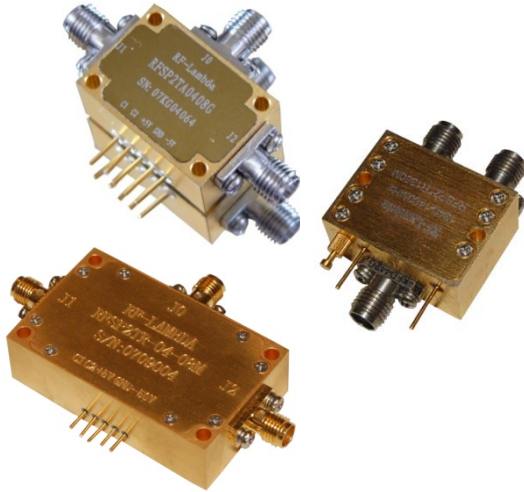




Absorptive 0.02-1.0GHz Coaxial SP2T



Features

- Wide Band Operation 0.02-1.0GHz
- High Power Handle Capability up to 1W 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 SP2T- Single Pole Double Throw						
Part Number	Frequency (GHz)	Insert. Loss (dB)	VSWR (Max:1)	Isolation min (dB)	Power (Watts)	Switching Speed (ns)
RFSP2TA0001G	0.02-1.0	1.50	1.50	80	1~5 CW	500ns (<50MHz) 100ns (>50MHz)
Reflective SP2T- Single Pole Double Throw						
Part Number	Frequency (GHz)	Insert. Loss (dB)	VSWR (Max:1)	Isolation min (dB)	Power (Watts)	Switching Speed (ns)
RFSP2TR0001G	0.02~1.0	1.0	1.50	60	Up to 50	500ns (<50MHz) 100ns (>50MHz)

Mechanical Specification

Case Style: W201, W202, W203 type.
 Finishing: Gold 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: 20 grams max.
 Mounting: (2) 0.1" dia through holes

Electrical Operation

DC Biasing:
 +5.0V (+/-0.5V 60mA max.)
 -12.0V (+/-0.5V 60mA max.)
 High Voltage Biasing is required for high RF power model.

TTL Logic Control:

C1	C2	
0	0	OFF
1	1	OFF
0	1	J0->J1
1	0	J0->J2

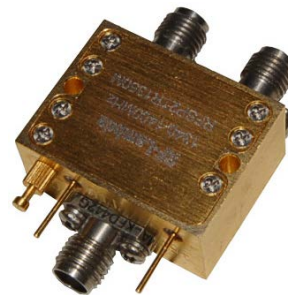
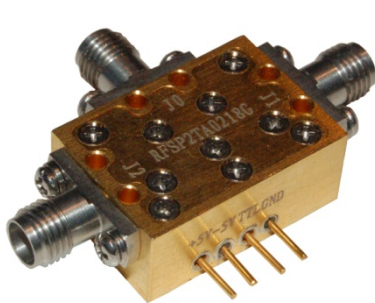
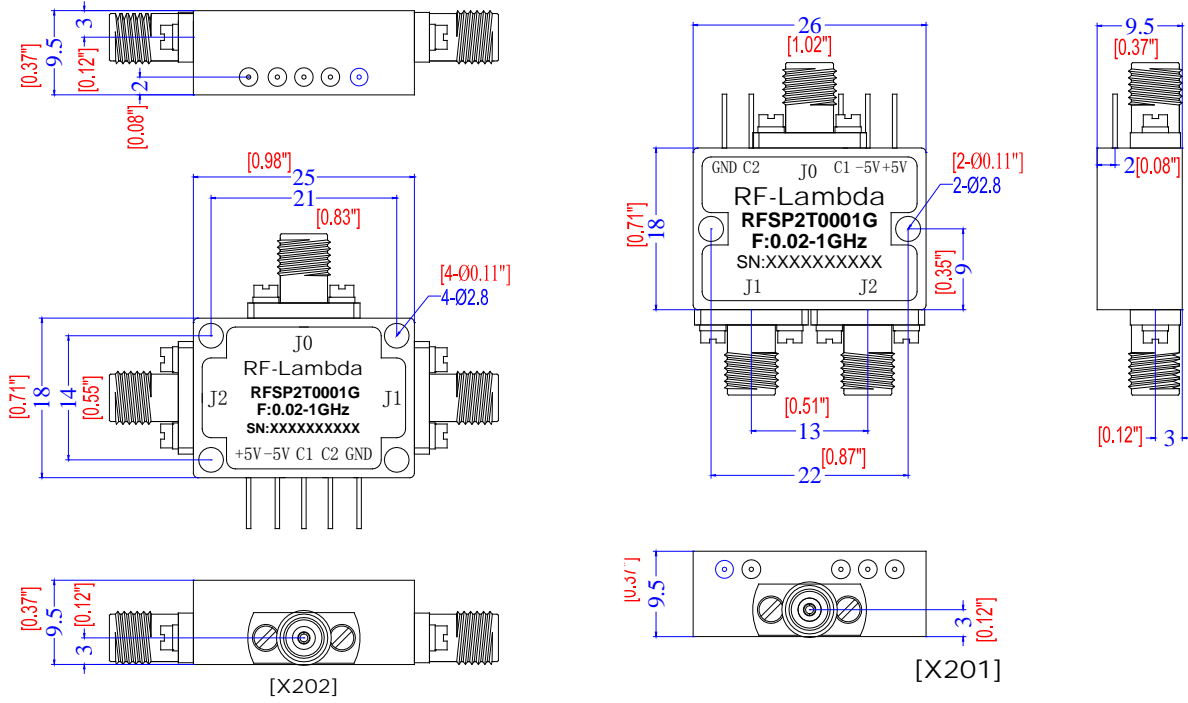
Power Handle: 0.2W~50W (upon request)



RF-LAMBDA

The power beyond expectations

RFSP2TA0001G



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.

Absorptive Single Pole Double Throw Switch 0.02-1.0GHz



RF-LAMBDA

The power beyond expectations

RFSP2TA0001G

Absorptive Single Pole Double Throw Switch 0.02-1.0GHz

