



RF-LAMBDA

The power beyond expectations

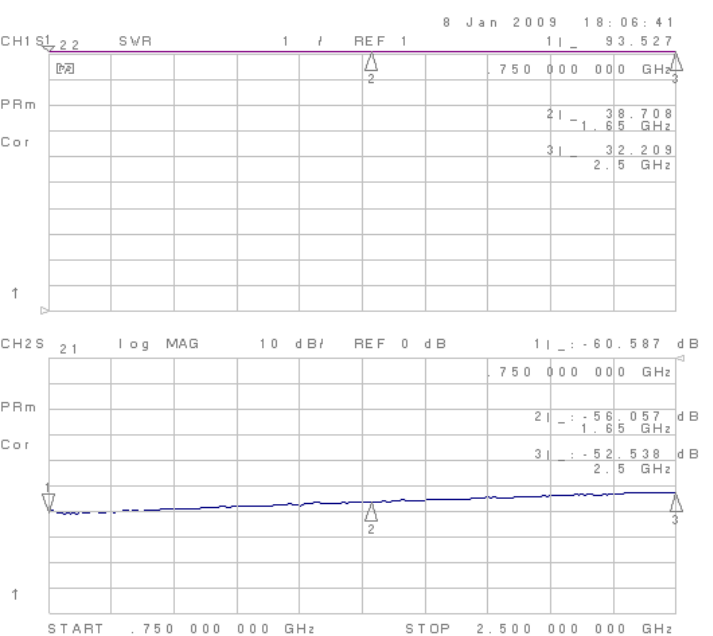
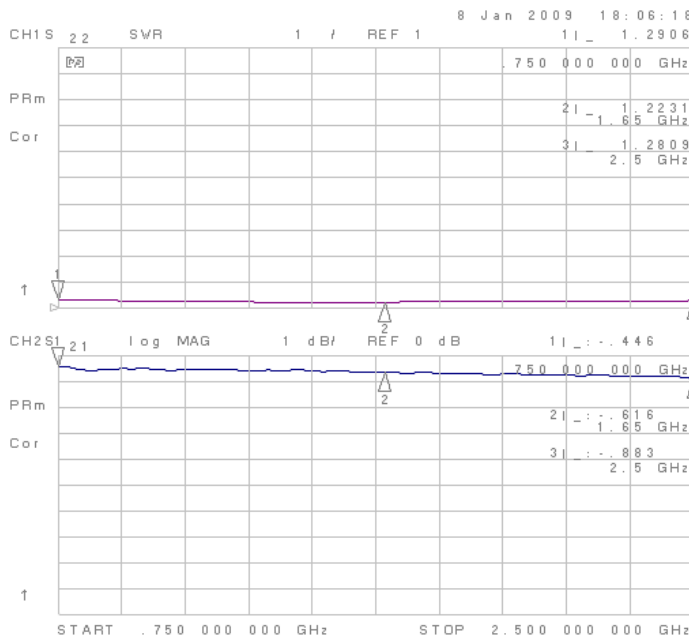
RFSP2TR0702G

Reflective 750-2500MHz 50W Coaxial SPDT



- Wide Band Operation 750-2500MHz
- High Power Handle Capability 50W and 200W available upon request.
- TTL compatible driver include
- Fast Switching Speed 2us
- Low Insertion Loss and High Isolation
- Temperature Range -55°C~+85°C
- Customization available upon request

Reflective SPST- Single Pole Double Throw							
Part Number	Frequency (MHz)	Insert. Loss (dB)	VSWR (Max:1)	Isolation min (dB)	Power (Watts)	Peak Power	Switching Speed (us)
RFSP2TR0702G	750-2500	1.0	1.3	50 min	50W CW	150W (10% 10us)	2us



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 11msc

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

Reflective Coaxial Single Pole Double Throw Switch 750-2500MHz



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Electrical Operation

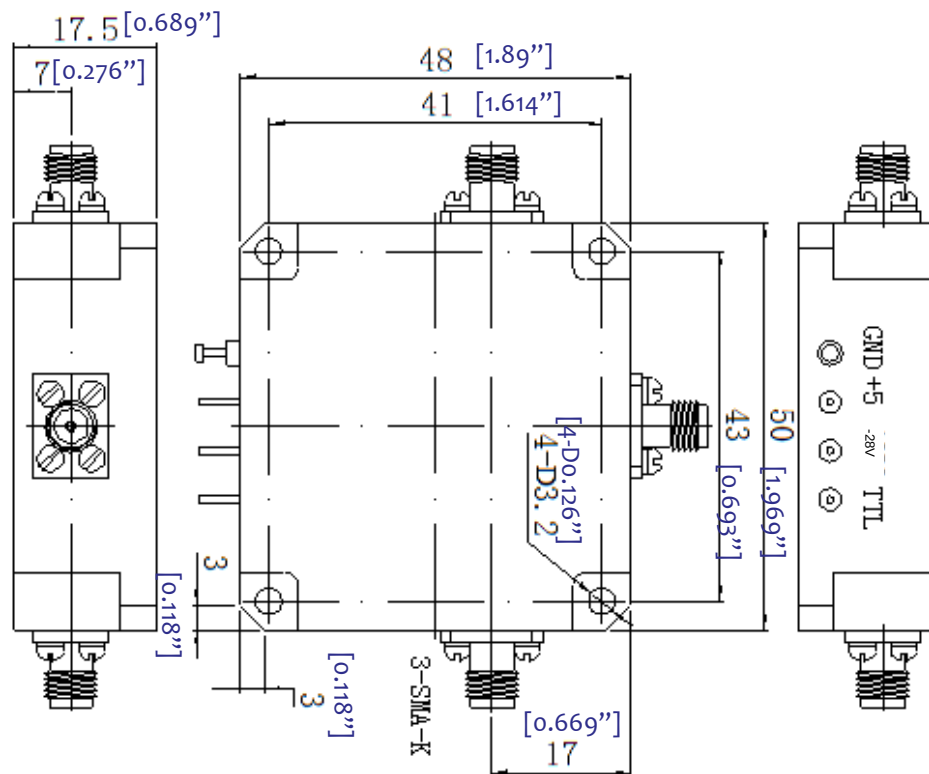
DC Biasing: +5.0V (200mA max.)
-28.0V (50mA max.)

TTL Logic Control: (C)

0 "J0 → J1"
1 "J0 → J2"

Power Handle: 50W (or 200W upon request)

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



Reflective Coaxial Single Pole Double Throw Switch 750-2500MHz