High Power Transfer Switches

RLC Electronics' High Power transfer switch provides extremely high reliability, long life and excellent electrical performance. It features low insertion loss and VSWR over the entire DC-6.0 GHz range while maintaining high isolation. On remote latching units a manual override option allows the user to switch manually without power applied.

$S^{-1}P\text{-}T^{-2\text{-}3\text{-}4\text{-}5\text{-}6\text{-}7}$

Switch Type	TRANSFER	
Frequency Range	DC - 6 GHz	
	DC-3.0 GHz	3.0-6.0 GHz
Insertion Loss (Max dB)	0.2	0.5
VSWR (Max)	1.25	1.5
Isolation (Min dB)	65	60

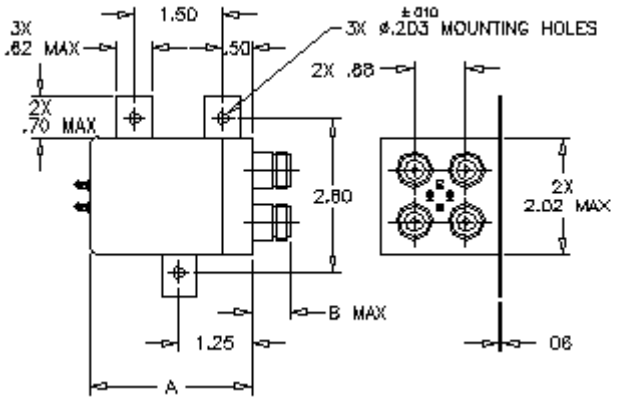
Power Rating, RF Cold Switching: See page 5.
Impedance: 50 ohms
Operating Temp: 25 deg C
(Failsafe): 12vdc at 600 ma nom.
28vdc at 424 ma nom.
(Latching): 12vdc at 350 ma nom.
28vdc at 310 ma nom.
Current applied 10 ms min. cutthroat
Circuitry (standard), recovery time 100 ms nom.

Connectors, RF: N, TNC, SC female
Connectors, Power: solder terminals
Life: 1,000,000 operations
Switching Time: 25 milliseconds max.
Weight: 19 oz.
Environmental Conditions: MIL-DTL-3928
Operating Mode: Manual, failsafe or latching.

To designate the switch desired use:

1. "M" for Manual or 'R' for Remote
2. "N", "T" for TNC, or "S" for SC type connectors
3. "D" for 28vdc, "H" for 12vdc
4. "I" for indicators, if desired
5. "L" for latching cutthroat, if desired
6. "TL" for TTL Driver, if desired
7. "O" for manual override

Example: SRP-T-N-D-I-L is a remote, type "N", 28vdc; with indicators, latching cut throat switch.



MODEL NO.	A
SRP-T-*-D	2.75
SRP-T-*-D-I	2.75
SRP-T-*-D-I-TL	3.20
SRP-T-*-D-L	2.75
SRP-T-*-D-I-L	2.75
SRP-T-*-D-I-L-TL	2.75
CONNECTOR	B MAX
N	.70
TNC	1.00
SC	.70

Specifications subject to change without notification.

Tolerances unless otherwise specified are .xx +/- .02, xxx +/- .005

Specials requiring closer tolerances, different frequency ranges, special connectors, different materials, finishes, etc. can be furnished upon request.

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