

RF SPEC.

Frequency Range	Insertion Loss	VSWR	Isolation	Power Handling
DC-6GHZ	<0.30dB	<1.30	>70dB	30W
6-12.4GHZ	<0.40dB	<1.40	>65dB	20W
12.4-18GHZ	<0.50dB	<1.50	>60dB	15W
18-26.5GHZ	<0.70dB	<1.60	>55dB	10W
26.5-40GHZ	<0.90dB	<1.80	>50dB	5W
40-50GHZ	<1.20dB	<1.90	>50dB	3W
50-67GHZ	<1.60dB*	<2.00**	>50dB	2W

Internal Termination: 1W

*MAX <2.0dB **MAX <2.20

Characteristics

RF Impedance 50 ohm

Control Voltage/Current: DC12V/200mA, Reset=N*200mA

DC24V/100mA, RESET=N*100mA

Switching Time <20ms

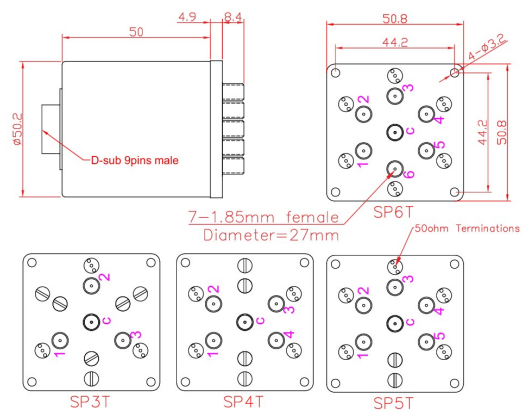
Operating Life >100,0000

Operating Temperature -25 ~ +65°C

RF Interface 1.85mm female

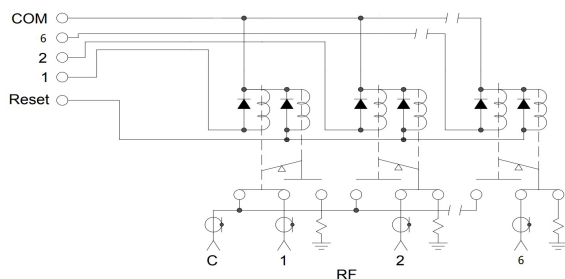
Weight:

Outline Drawing (mm)

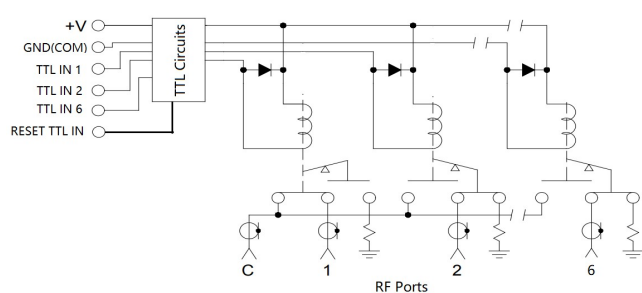


Schematics

Voltage Control



With TTL Logic Control



Part Number Selector

Series	RF Channel	Control Voltage	Frequency Range	Voltage Polarity	TTL Control	Indicator	Control Interface	Option
L1TW	☐ 3 SP3T ☐ 4 SP4T ☐ 5 SP5T ☐ 6 SP6T	☐ 1 ☐ 2 DC12V ☐ 2 ☐ 4 DC24V	☐ 5 ☐ 3 DC-53GHZ ☐ 6 ☐ 7 DC-67GHZ	☐ Negative ☒ Positive	☐ NO TTL ☒ With TTL ☐ With TTL & Self cut off Circuits	☐ No Indicator ☒ With Indicator	☐ Solder Pin ☒ DB male	☐ Anti Vibration ☒ Splash

* NO COM Port Polar SPEC. For With TTL Control

L1TW41267 (SP4T Latching Type/With Internal Terminations/DC12V(COM Port is Negative, Reset is Positive)/DC-67GHZ/1.85mm female/DB15 male)

L1TW62467R (SP6T Latching Type/With Internal Terminations/DC24V(COM Port is Positive, Reset is Negative)/DC-67GHZ/1.85mm female/DB15 male)

L1TW42467T-S (SP4T Latching Type/With Internal Terminations/DC24V/DC-67GHZ/With TTL control/With self cut-off circuits/1.85mm female/DB15 male)



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