

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

*MAX <1.90dB **MAX <2.20

Characteristics

RF Impedance 50 ohm

Voltage Control/Current: DC12V/285mA,
DC24V/160mA

Switching Time <20ms

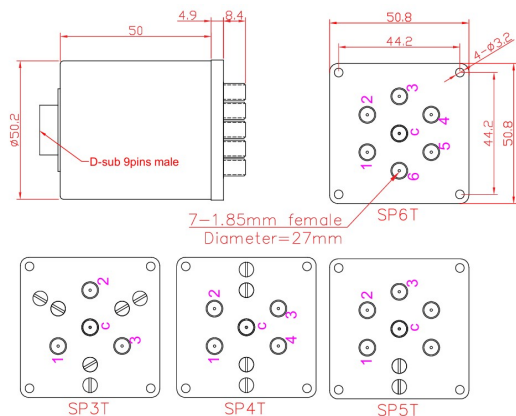
Operating Life >100,0000

Operating Temperature -25 ~ +65°C

RF Interface 1.85mm female

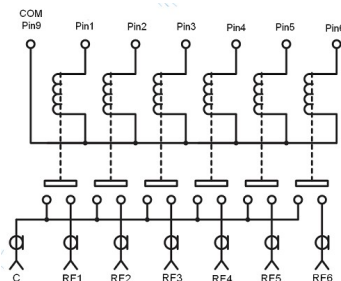
Weight:

Outline Drawing (mm)

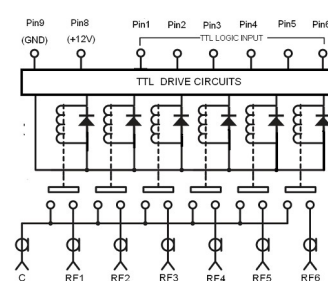


Schematics

Voltage Control



With TTL Logic Control



Part Number Selector

Series	RF Channels	Control Voltage	Frequency Range	Voltage Polarity	TTL Control	Control Interface	Option
1W	☐ SP3T ☒ SP4T ☐ SP5T ☐ SP6T	☐ DC12V ☒ DC24V	☐ DC-53GHZ ☒ DC-67GHZ	☐ Negative ☒ Positive	☐ NO TTL ☒ With TTL	☐ DB9 male ☒ Soldering Pin	☐ Anti Vibration ☒ Splash

* NO COM Port Polar SPEC. For With TTL Control

1W31253 (SP3T Latching Type/DC12V(COM Port is Negative, RESET is Positive)/DC-53GHZ/1.85mm female/DB9 male)

1W62467R (SP6T Latching Type/DC24V(COM Port is Positive, RESET is Negative)/DC-67GHZ/1.85mm female/DB9 male)

1W42467T-S-I (SP4T Latching Type/DC24V/DC-67GHZ/With TTL Control & self cut-off circuits/With Indicator/1.85mm female/DB15 male)



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