

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	<1.80dB*	<2.00**	>50dB	2W

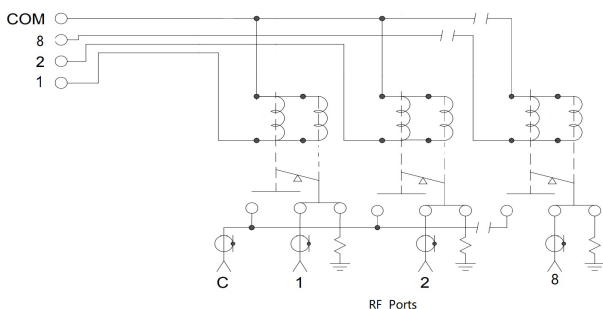
Internal Termination: 1W

*MAX <2.0dB **MAX <2.20

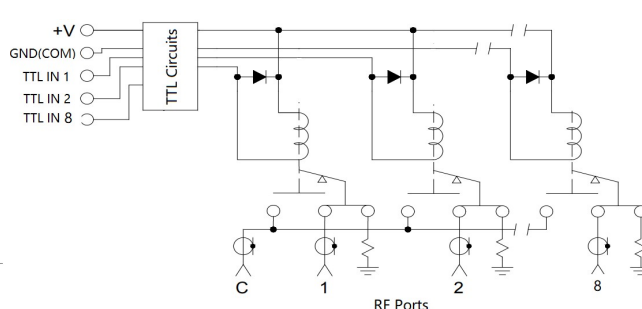
Characteristics	Outline Drawing (mm)
RF Impedance 50 ohm	
Control Voltage/Current: DC12V /285mA DC24V / 160mA	
Switching Time <20ms	
Switching Life >1000000	
Operating Temperature -25 ~ +60°C	
RF Interface 1.85mm female	
Weight:	

Schematics

Voltage Control



With TTL Logic Control



Part Number Selector

Series	RF Channels	Control Voltage	Frequency Range	Voltage Polarity	TTL Control	Control Interface	Option
1TW8	SP8T	12 DC12V 24 DC24V	53 DC-53GHZ 67 DC-67GHZ	Negative Positive	NO TTL With TTL	DB15 male Soldering Pin	Anti Vibration Splash

*With TTL Logic Control ,No PSEC. For Voltage polarity

1TW81253 (SP8T Normally Open Type/With Internal Termination/DC12V(COM Port is Negative)/DC-53GHZ/1.85mm female/DB15 male)

1TW82467R (SP8T Normally Open Type/With Internal Termination/DC24V(COM Port is Positive)/DC-67GHZ/1.85mm female/DB15 male)

1TW82467T (SP8T Normally Open Type/With Internal Termination/DC24V /DC-67GHZ/With TTL Logic Control/1.85mm female/DB15 male)



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