

Tech specifications

Parameters	Min	Typical	Max	Units
Frequency	DC	~	18	GHz
IL			0.3	dB@6G
IL			0.5	dB@18G
Isolation	70			dB@6G
Isolation	60			dB@18G
VSWR			1.3	@6G
VSWR			1.5	@18G
Power Capacity			80	W@6G
Power Capacity			50	W@18G

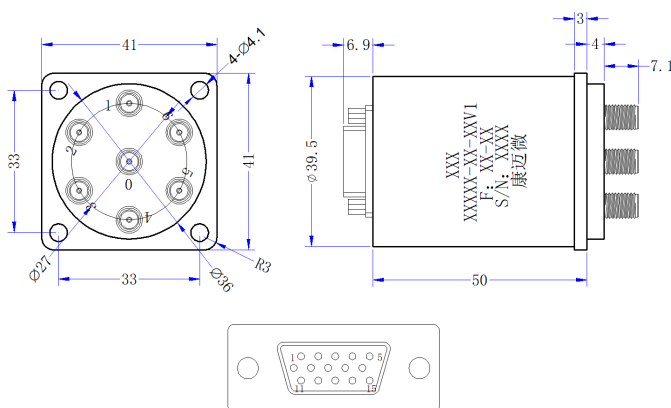
Other parameters

Switch way	SP6T
Control	TTL Control
Switching characteristic	Mechanical reflective switch
Switch time	15ms
Connector	SMA-K
Impedance	50Ω
Working voltage	+24V
Working current	150mA
Operation Temp.	-25~+65°C Design assurance
Storage Temp.	-55~+85°C Design assurance
Switching Lifetime	2 million Cycles
Control port	D-SUB15 Male
Switching sequence	First disconnect and then close

Reference picture



Configuration(mm)



Control Pin Definition

Pin 1	TTL high level (3~5V)	RF 0-1
Pin 2	TTL high level (3~5V)	RF 0-2
Pin 3	TTL high level (3~5V)	RF 0-3
Pin 4	TTL high level (3~5V)	RF 0-4
Pin 5	TTL high level (3~5V)	RF 0-5
Pin 6	TTL high level (3~5V)	RF 0-6
Pin 7	+24V	/
Pin 8	GND	/
Pin 9	Port indication	RF 0-1
Pin 10	Port indication	RF 0-2
Pin 11	Port indication	RF 0-3
Pin 12	Port indication	RF 0-4
Pin 13	Port indication	RF 0-5
Pin 14	Port indication	RF 0-6
Pin 15	端口指示(加直流电<50V)	Common port

Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

Typical test data

Frequency(GHz)	S00 VS WR	S11 VS WR	S0 1 IL dB	S12 ISO dB	S0 4 Ph ase
0.1	1.0 1	1.0 1	-0. 01	-65. 76	0.0 1
3.86	1.0 9	1.0 9	-0. 04	-81. 08	0.7 3
5.79	1.0 8	1.0 7	-0. 05	-80. 94	1.1 1
9.64	1.1 8	1.1 4	-0. 15	-81. 32	1.7 7
13.5	1.0 5	1.0 5	-0. 25	-80. 84	2.4 1
17.36	1.1 9	1.4 1	-0. 35	-78. 64	2.5 4
19.29	1.1 8	1.1 6	-0. 44	-80. 56	2.4 4
23.14	1.2 8	1.5 5	-0. 54	-64. 26	2.4 8

Typical test curve

