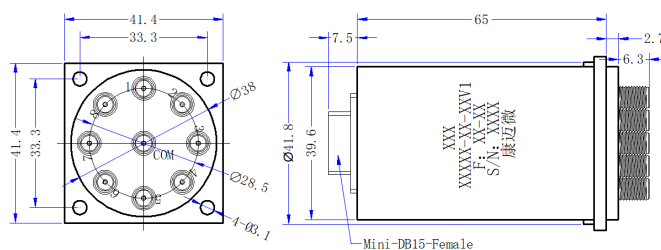
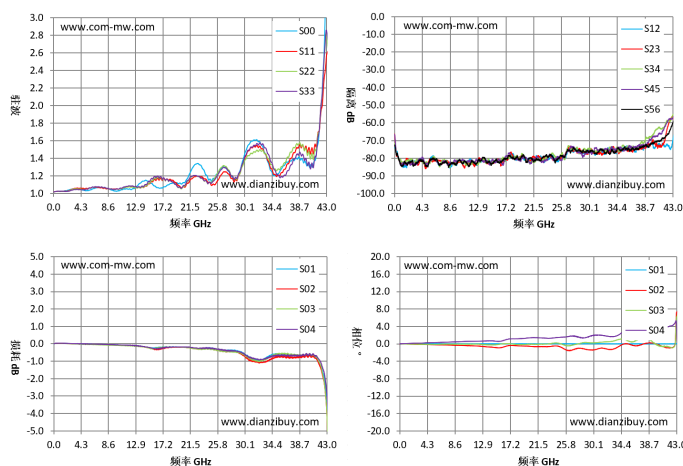
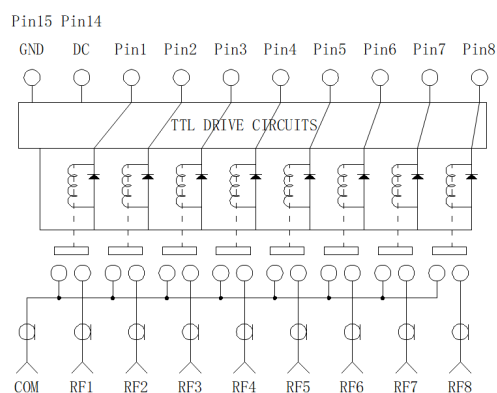


Tech specifications

Parameters	Min	Typical	Max	Units
Frequency	DC	~	40	GHz
IL			0.3@6GHz; 0.5@18GHz; 1.5@40GHz	dB
Isolation	80@6GHz; 60@18GHz; 50@40GHz			dB
VSWR			1.2@6GHz; 1.5@18GHz; 2@40GHz	

Other parameters

Switch way	SP8T
Control	TTL Control
Switching characteristic	Mechanical reflective switch
Switch time	15ms
Connector	2.92-K
Connector material	Stainless steel
Impedance	50Ω
Power Capacity	20W@6GHz; 12W@18GHz; 5W@40GHz
Working voltage	+12V
Working current	320mA
Operation Temp.	-40~+85°C Design assurance
Switching Lifetime	1 million Cycles
Other	Control port: miniDB15 Female

Reference picture**Configuration(mm)****Typical test curve****Control circuit diagram**

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

Port Definition

Common port	COM
Branching port	1, 2, 3, 4, 5, 6, 7, 8

Typical test data

Frequency(GHz)	S00 VS WR	S11 VS WR	S0 1 IL dB	S12 ISO dB	S0 4 Ph ase
0.01	1.0 1	1.0 1	-0. 01	-73. 88	0.0 1
6	1.0 4	1.0 6	-0. 02	-79. 12	0.3
12	1.0 5	1.0 8	-0. 09	-81. 88	0.6
15	1.1 4	1.1 1	-0. 21	-82. 11	0.5 9
18	1.0 9	1.1 5	-0. 19	-78. 01	1.1 6
25	1.1 5	1.1	-0. 25	-81. 71	1.5 1
28	1.1 9	1.1 7	-0. 37	-75. 29	1.4 7
34	1.3	1.3 3	-0. 68	-76. 79	2.0 7
40	1.3 3	1.4 7	-0. 92	-73. 62	3.4 6
43	3.4 8	2.5 8	-3. 37	-69. 65	2.9 8

Note

1	Clean the surface of the product, do not soak the product in cleaning solution for cleaning.
2	If the temperature is higher than 125°C, consult with us before ordering.