

Product features

Broadband, low loss.

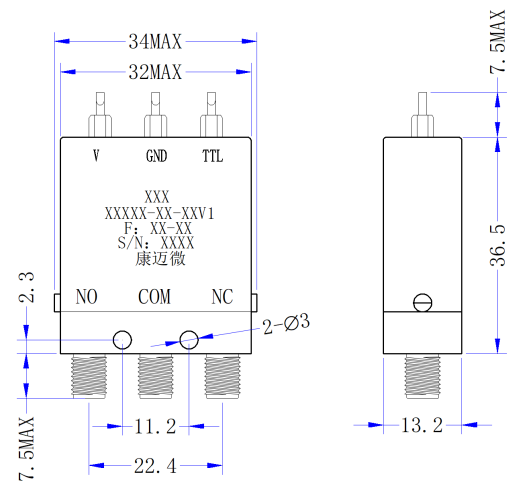
Tech specifications

Parameters	Min	Typical	Max	Units
Frequency	DC	~	40	GHz
IL			0.3@6GHz; 0.5@18GHz; 1@40GHz	dB
Isolation	70@6GHz; 60@18GHz; 50@40GHz			dB
VSWR			1.3@6GHz; 1.5@18GHz; 2@40GHz	

Reference picture



Configuration(mm)



Other parameters

Switch way	SPDT
Control	TTL Control
Switching characteristic	Mechanical reflective switch
Switch time	15ms
Connector	2.92-K
Connector material	Stainless steel
Impedance	50Ω
Power Capacity	30W@6GHz; 15W@18GHz; 5W@40GHz
Working voltage	+24V
Working current	100mA
Operation Temp.	-40~+85°C Design assurance
Switching Lifetime	1 million Cycles

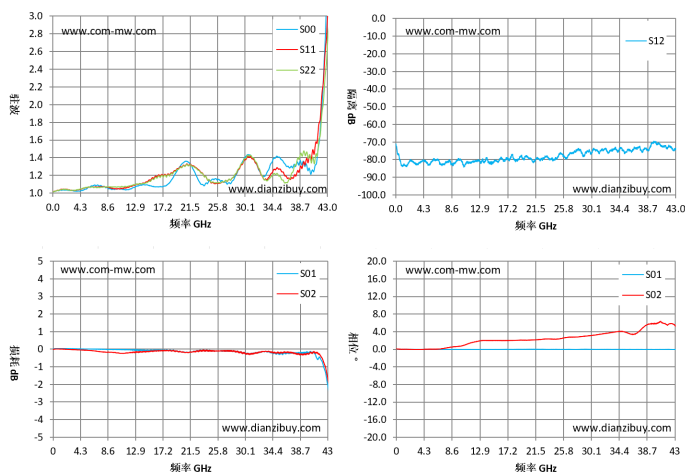
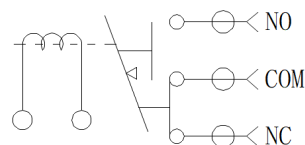
Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

Port Definition

Common port	COM
Branching port	NO, NC

Typical test data

Frequency(GHz)	S00 VS WR	S11 VS WR	S02 IL dB	S12 ISO dB	S13 Phase (°)
	1.0 1	1.0 2	-0. 01	-71. 09	0.08
3.07	1.0 3	1.0 3	-0. 02	-82. 81	-0.0 6
6.14	1.0 8	1.0 7	-0. 08	-80. 18	-0.0 1
12.29	1.0 5	1.0 8	-0. 19	-80. 53	1.7
15.36	1.0 8	1.1 5	-0. 11	-80. 57	1.99
18.43	1.1 3	1.2 2	-0. 09	-80. 23	2.02
21.5	1.3 3	1.3 3	-0. 16	-79. 7	2.13
27.64	1.1 2	1.1 6	-0. 29	-75. 83	2.75
30.71	1.4 3	1.4	-0. 38	-74. 96	3.23
33.79	1.2 6	1.1 8	-0. 43	-73. 85	3.91
39.93	1.2 6	1.3 5	-0. 67	-70. 27	5.83
43	3.6 3	2.9 9	-1. 7	-73. 94	5.45

Typical test curve**Control circuit diagram**

TTL电平=0, COM与NC连接

TTL电平=1, COM与NO连接

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.