

Tech specifications

Parameters	Min	Typical	Max	Units
Frequency	2	~	40	GHz
IL			5.5	dB
Isolation	40			dB
VSWR			2.2	

Other parameters

Switch way	SP4T
Switching characteristic	Electronic absorption switch
Switch time	100ns
Connector	2.92-K detachable, Pin 0.3mm
Connector material	Stainless steel
Impedance	50Ω
Surface	Nickel plating
Power	0.2W Design assurance
Working voltage	±5V
Working current	60mA
Work Temp.	-40~+85°C Design assurance
Quality Grade	Industrial grade

Truth table (1=3.3V,0=0V)

	C1	C2	C3	C4
J0-J1	0	1	1	1
J0-J2	1	0	1	1
J0-J3	1	1	1	0
J0-J4	1	1	0	1

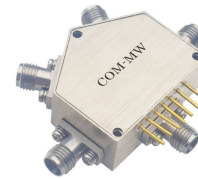
Port Definition

Common port	J0
Branching port	J1,J2,J3,J4

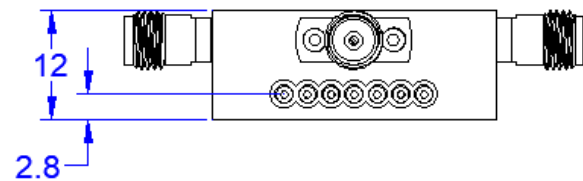
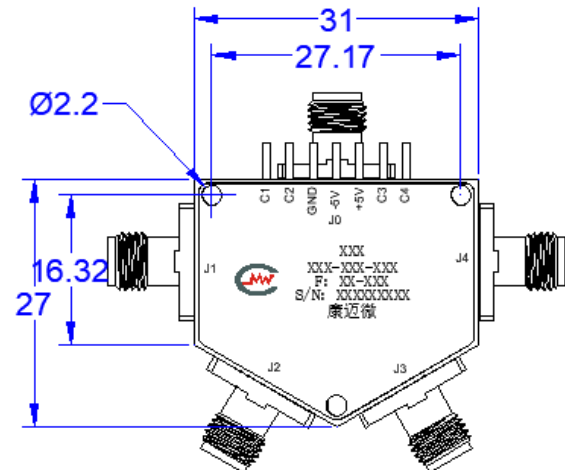
Typical test data

Frequency GHz	S11 VSWR	S12 IL (dB)	S13 IL (dB)	S14 IL dB	S15 IL dB	S12 ISO
2	1.15	-1.02	-1.03	-1.3	-1.04	-86.42
4.71	1.2	-1.25	-1.27	-1.29	-1.26	-82.03
7.43	1.45	-1.54	-1.32	-1.54	-1.48	-83.03
10.14	1.26	-1.62	-1.69	-1.63	-1.61	-80
12.86	1.48	-2.16	-2.11	-2.05	-2.42	-65.75
15.57	1.47	-2.23	-2.29	-2.48	-2.25	-70.36
18.29	1.64	-2.74	-2.52	-2.66	-2.33	-47.54
21	1.57	-2.86	-3.08	-2.64	-3.17	-55.68
23.71	1.11	-3.19	-3.07	-3.28	-3.06	-58.87
26.43	1.93	-3.97	-3.53	-3.4	-3.61	-59.02
29.14	1.4	-3.53	-3.3	-4.21	-3.03	-65.01
31.86	1.4	-3.78	-3.96	-3.82	-3.35	-68.45
34.57	1.58	-3.76	-3.65	-4.2	-3.97	-69.07
37.29	1.3	-4.43	-3.9	-4.11	-4.03	-64.66
40	1.46	-4.89	-4.48	-5.03	-4.81	-54.67

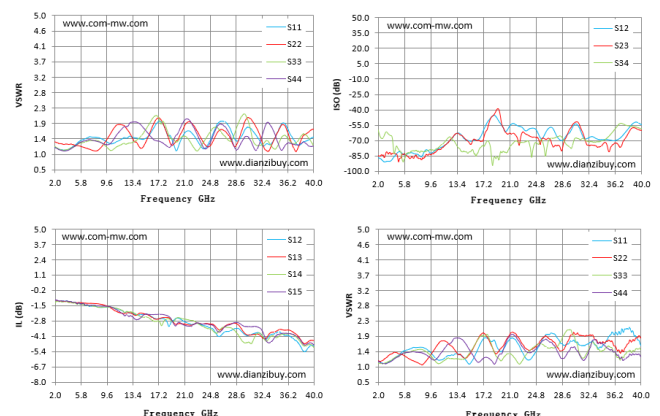
Reference picture



Configuration(mm)



Typical test curve



Note

1	Please do not wash the product in the cleaning solution.,Please do not wash the product in the cleaning solution.
2	If the temperature is higher than 125°C, consult with us before ordering.

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