

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	1	~	50	GHz
IL			10	dB
Isolation	40			dB
VSWR			2.2	

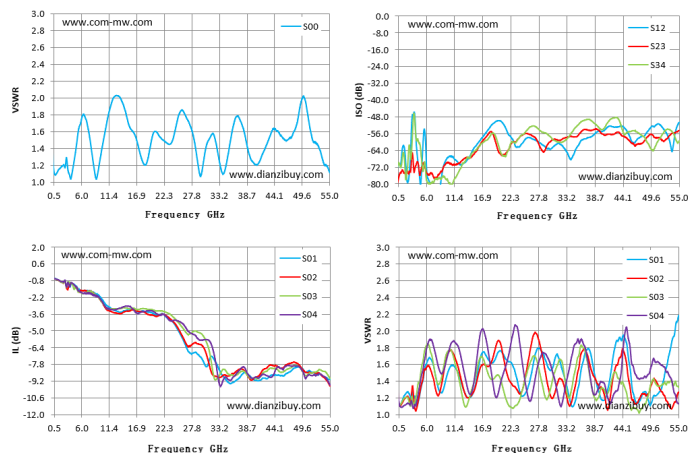
Other parameters

Switch way	SP4T
Switching characteristic	Electronic reflective switch
Switch time	250ns
Connector	2.4-F Detachable Pin 0.3mm
Connector material	Stainless steel
Impedance	50Ω
Surface	Nickel plating
Power Capacity	0.2W Design assurance
Working voltage	±5V
Working current	+5V,50mA/-5V,20mA
Operation Temp.	-40~+70°C Design assurance
Quality Grade	Industrial grade

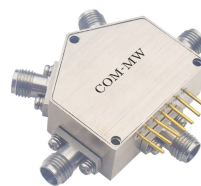
Port Definition

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

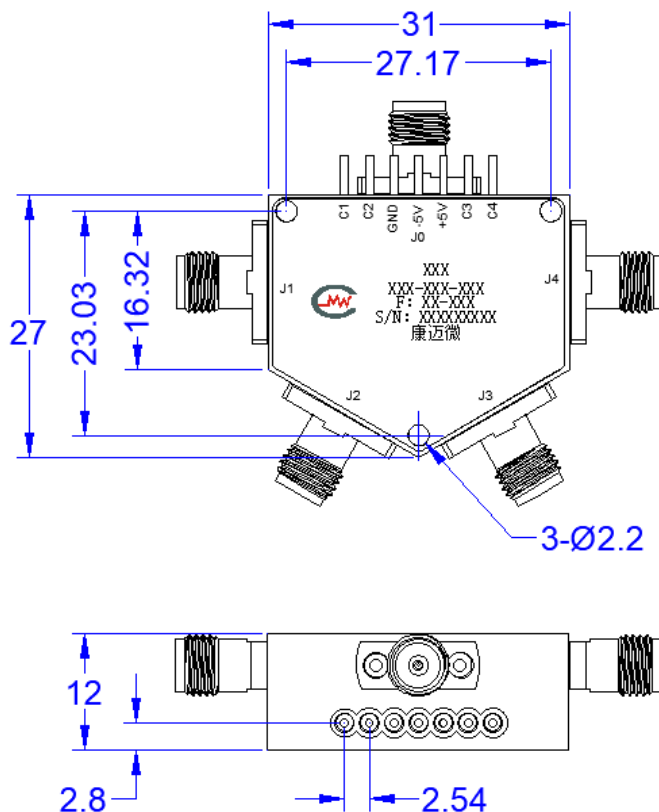
Typical test curve



Reference picture



Configuration(mm)



Truth table (1:+3.3V/+5V; 0:0V)

J0-J1	0	1	1	1
J0-J2	1	0	1	1
J0-J3	1	1	1	0
J0-J4	1	1	0	1

Note

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

Typical test data

Frequency GHz	S0 0 VS W R	S 01 IL d B	S 03 IL d B	S 04 IL d B	S2 3 IS O dB	S0 3 驻 波
0.50	1.1 3	-0. 60	-0. 62	-0. 63	-7 7. 8	1.1 4
4.39	1.2 2	-1. 11	-1. 48	-1. 13	-7 1. 0	1.3 8
8.29	1.2 2	-1. 80	-1. 87	-2. 01	-7 5. 6	1.3 6
12.18	1.9 9	-3. 24	-3. 16	-3. 24	-7 0. 2	1.4 3
16.07	1.6 1	-3. 23	-3. 12	-3. 19	-6 2. 4	1.6 4
19.96	1.5 5	-3. 52	-3. 24	-3. 35	-6 4. 7	1.4 7
23.86	1.4 9	-4. 22	-3. 79	-4. 17	-5 8. 1	1.1 5
27.75	1.6 2	-6. 90	-5. 13	-5. 25	-6 1. 1	1.5 5
31.64	1.5 6	-7. 14	-7. 90	-6. 25	-5 9. 1	1.6 4
35.54	1.5 5	-9. 38	-8. 69	-9. 06	-5 6. 3	1.7 0
39.43	1.2 7	-8. 90	-8. 97	-8. 96	-5 4. 5	1.2 1
43.32	1.5 7	-8. 72	-8. 12	-8. 90	-5 5. 4	1.4 3
47.21	1.5 3	-8. 40	-8. 11	-7. 94	-6 1. 0	1.0 3
51.11	1.6 3	-8. 41	-8. 55	-8. 72	-5 7. 8	1.3 4

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

COM-MW TECHNOLOGY

1~50GHz, SP4T, Reflective, 250ns, 2.4

Frequency GHz	S0 0 VS W R	S 01 IL d B	S 03 IL d B	S 04 IL d B	S2 3 IS O dB	S0 3 驻 波
55.00	1.1 2	-9. 08	-8. 97	-9. 51	-5 4. 5	1.3 3

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