

Product features

High power

Tech specifications

Parameters	Min	Typical	Max	Units
Frequency	24	~	24.5	GHz
IL			3.5	dB
Isolation	30			dB
VSWR			1.6	

Other parameters

Switch way	SP4T
Switching characteristic	Electronic absorption switch
Switch time	3μs
Connector	2.92-K
Connector material	Stainless steel
Impedance	50Ω
Power Capacity	1W Design assurance
Product shell material	Aluminium
Working voltage	±3.3V
Working current	10mA single circuit
Operation Temp.	-40~+85°C Design assurance

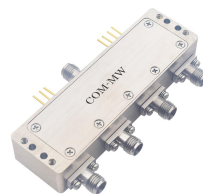
Truth table(1=3.3V,0=0V)

	EN	LS	V1	V2
J0-J1	1	1	0	0
J0-J2	1	1	1	0
J0-J3	1	1	0	1
J0-J4	1	1	1	1

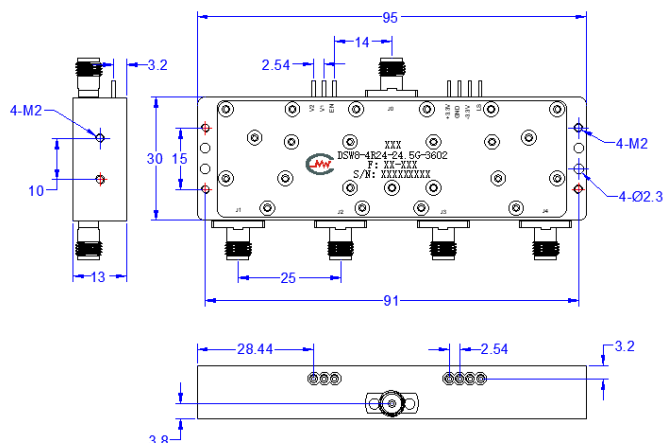
Port Definition

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

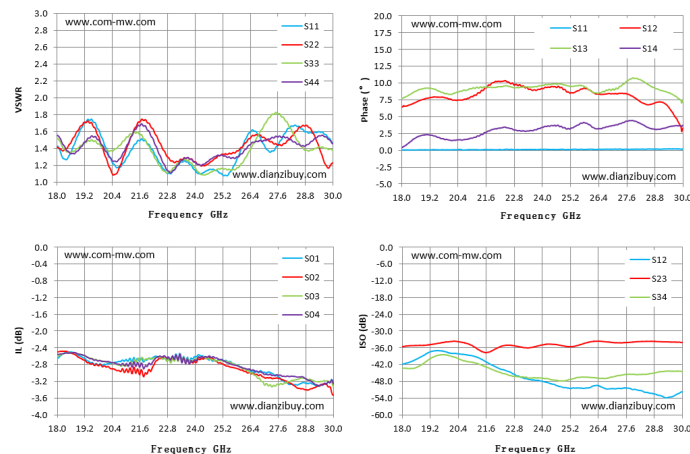
Reference picture



Configuration(mm)



Typical test curve



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.

Typical test data

Frequency GHz	S11 VSW R	S01 IL dB	S13 Phas e (°)	S23 ISO dB
18	1.43	-2.6 5	7.63	-35.5 6
20.57	1.18	-2.7 4	8.78	-34.0 1
23.14	1.16	-2.5 7	9.37	-35.8
25.71	1.21	-2.7 9	9.57	-34.6 6
26.57	1.61	-2.9 9	8.74	-33.6 7
27.43	1.37	-3.0 5	9.79	-34.2 1
28.29	1.66	-3.2 8	10.27	-33.7
29.14	1.58	-3.2 7	8.81	-33.8
30	1.46	-3.2 2	7.35	-34.0 5

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