

Product features

High power

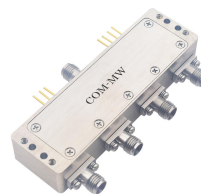
Tech specifications

Parameters	Min	Typical	Max	Units
Frequency	24	~	24.5	GHz
IL			3.5	dB
Isolation	22			dB
VSWR			1.8	

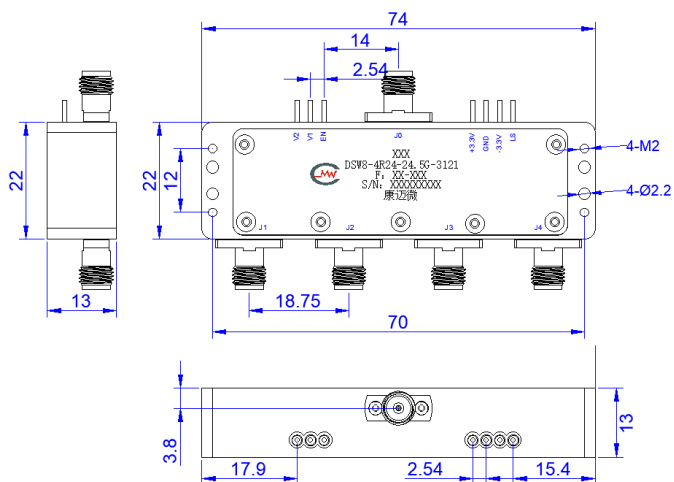
Other parameters

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

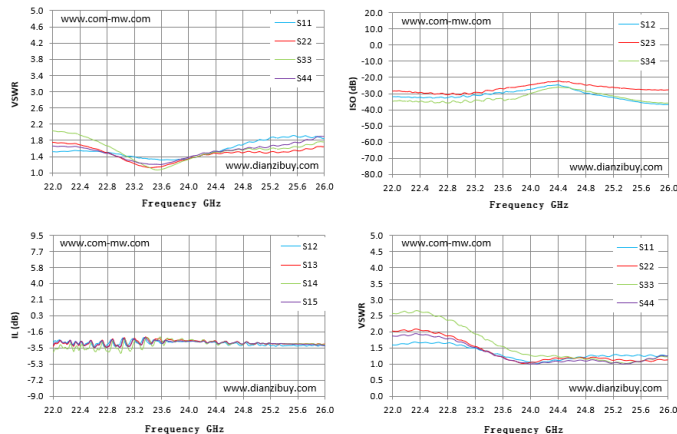
Reference picture



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.

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

EN	L S	V 1	V 2	J 1t o J 0	J 2t o J 0	J 3t o J 0	J 4t o J 0
1	1	1	1	O N	O FF	O FF	O FF
1	1	0	1	O FF	O N	O FF	O FF
1	1	1	0	O FF	O FF	O N	O FF
1	1	0	0	O FF	O FF	O FF	O N
1	0	1	1	O FF	O FF	O FF	O N
1	0	0	1	O FF	O FF	O N	O FF
1	0	1	0	O FF	O N	O FF	O FF
1	0	0	0	O N	O FF	O FF	O FF
0	0 / 1	0 / 1	0 / 1	O FF	O FF	O FF	O FF

Port Definition

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

Typical test data

Frequency GHz	S2 2 VS W R	S1 2 IL (d B)	S1 3 IL (d B)	S 14 IL d B	S 15 IL d B	S2 3 IS O dB
23.14	1.2 8	-2. 85	-3. 23	-3. 77	-3. 23	-3 0. 43
23.43	1.1 3	-2. 99	-2. 67	-2. 62	-2. 91	-2 8. 28
23.71	1.2	-2. 76	-2. 48	-2. 41	-2. 7	-2 6. 34
24	1.3 4	-2. 68	-2. 57	-2. 53	-2. 68	-2 4. 54
24.29	1.4 4	-2. 88	-2. 86	-2. 94	-2. 87	-2 2. 66
24.57	1.5	-2. 92	-2. 66	-2. 78	-2. 74	-2 2. 54
24.86	1.5 2	-2. 92	-2. 7	-2. 74	-2. 76	-2 4. 48
25.14	1.4 9	-3. 19	-3. 03	-2. 98	-2. 98	-2 6. 09
25.43	1.5 2	-3. 19	-2. 98	-2. 96	-2. 98	-2 7. 04

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