

Product features

Broadband, Absorption

Tech specifications

Parameters	Min	Typical	Max	Units
Frequency	2	~	6	GHz
IL		1.3	1.7	dB
Isolation	60	80		dB
VSWR		1.4	1.6	

Other parameters

Switch way	SP4T
Switching characteristic	Electronic absorption switch
Switch time	100ns
Connector	SMA-K detachable, Pin 0.38mm
Connector material	Stainless steel
Impedance	50Ω
Power Capacity	0.2W
Working voltage	±5V
Working current	150mA@+5V;50mA@-5V
Operation Temp.	-40~+85°C Design assurance
Other	TTL level control: 0 on, 1 off.

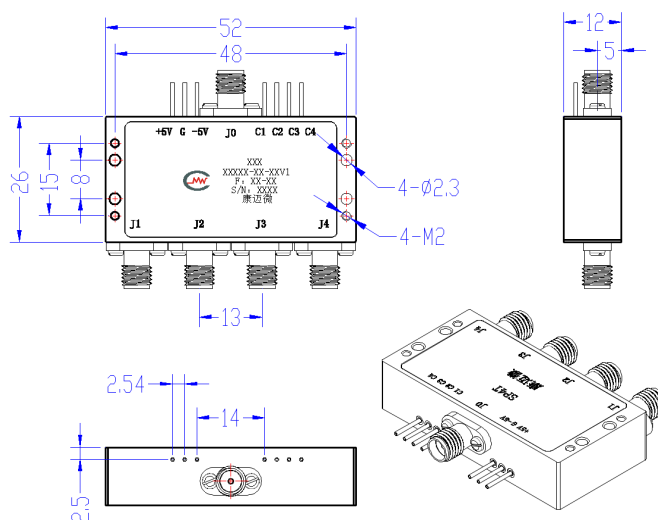
Port Definition

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

Reference picture



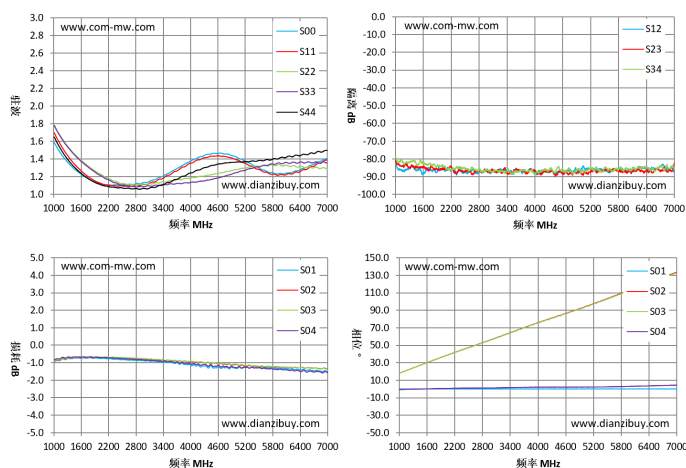
Configuration(mm)



Typical test data

	S00 VS WR	S11 VS WR	S0 1 IL dB	S0 3 IL dB	S12 ISO dB
1000	1.5 9	1.7	-0. 96	-0. 93	-80. 26
1429	1.3	1.3 5	-0. 75	-0. 72	-86. 07
1857	1.1 5	1.1 6	-0. 75	-0. 69	-86. 68
2286	1.1	1.0 9	-0. 79	-0. 67	-86. 98
2714	1.1 1	1.0 9	-0. 85	-0. 74	-87. 29
3143	1.1 6	1.1 3	-0. 91	-0. 79	-86. 82
3571	1.2 5	1.2 2	-0. 99	-0. 87	-87. 25
4000	1.3 7	1.3 5	-1. 14	-0. 92	-88. 36
4429	1.4 5	1.4 3	-1. 17	-1. 04	-87. 74
4857	1.4 5	1.4 1	-1. 34	-1. 07	-86. 34
5286	1.3 5	1.3 2	-1. 31	-1. 13	-85. 94
5714	1.2 5	1.2 4	-1. 3	-1. 2	-85. 71
6143	1.2 4	1.2 3	-1. 36	-1. 27	-86. 84
6571	1.3 1	1.2 9	-1. 42	-1. 28	-85. 67
7000	1.4 9	1.3 9	-1. 53	-1. 38	-87. 39

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.