

Product features

Broadband, small volume.

Tech specifications

Parameters	Min	Typical	Max	Units
Frequency	0.5	~	6	GHz
IL			1.8	dB
Isolation	70	80		dB
VSWR			1.6	
Phase balance			± 5	°

Other parameters

Switch way	SPDT
Switching characteristic	Electronic absorption switch
Switch time	100ns
Connector	SMA-K
Connector material	Stainless steel
Impedance	50 Ω
Surface	Nickel plating
Power Capacity	0.2W
Product shell material	Aluminium
Working voltage	$\pm 5V$
Working current	50mA@+5V; 50mA@-5V
Operation Temp.	-40~+85°C Design assurance
Other	Control port: J30J-9ZKP

Truth table

	B	A
J1	0	1
J2	1	0

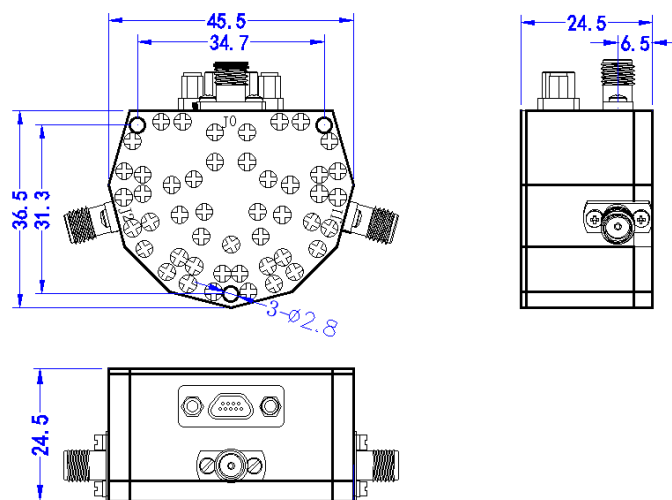
Port Definition

Common port	J0
Branching port	J1, J2

Reference picture



Configuration(mm)

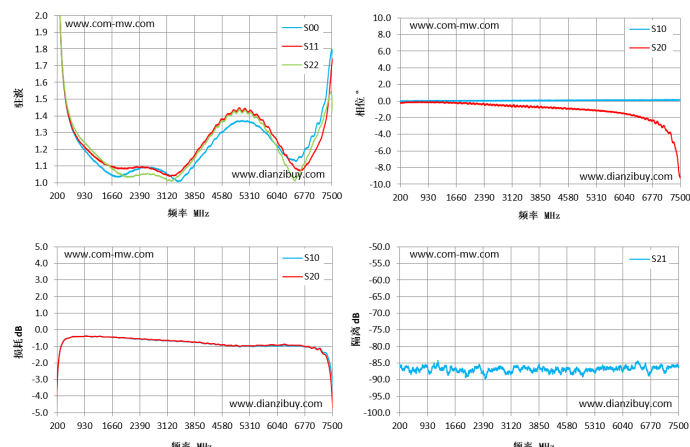


Pin Definition

No.	1	2	3	4	5	6,7,8,9
Pin Definition	+5 V	-5 V	GN D	A	B	Not used

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

Typical test curve



Typical test data

Frequency(MHz)	S00 VS WR	S11 VS WR	S10 IL dB	S20 Phase (°)	S21 ISO dB
200	3.2	3.2	-3.13	-0.24	-85.68
721	1.26	1.27	-0.41	-0.15	-87.63
1243	1.12	1.15	-0.42	-0.14	-86.24
1764	1.04	1.09	-0.46	-0.18	-87.95
2286	1.08	1.09	-0.56	-0.33	-85.76
2807	1.08	1.08	-0.64	-0.45	-86.19
3329	1.02	1.04	-0.69	-0.57	-87.03
3850	1.11	1.16	-0.75	-0.68	-85.85
4371	1.26	1.32	-0.86	-0.81	-87.8
4893	1.35	1.43	-0.99	-1.02	-87.05
5414	1.36	1.41	-1.02	-1.2	-86.33
5936	1.25	1.28	-0.97	-1.4	-86.39
6457	1.14	1.11	-0.97	-1.87	-84.93
6979	1.28	1.16	-1.11	-2.81	-86.55
7500	1.8	1.71	-3.02	-9.21	-86.19

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.

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