

Product features

Broadband, high-power.

Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband F1	/	/	600	~	1000	MHz
Passband F2	/	/	1600	~	3000	MHz
band 1 IL	/	/			0.8	dB
band 2 IL	/	/			0.8	dB
Passband VSWR	/	/			1.5	
Band 1 Rejection	1.8-3	GHz	70			dB
band 2 Rejection	DC-1000	MHz	70			dB

Other parameters

Connector	SMA-K
Connector material	Stainless steel
Impedance	50Ω
Surface	silver-plate
Power Capacity	50W Design assurance
Product shell material	Aluminium
Operation Temp.	-40~+70°C Design assurance
Storage Temp.	-55~+85°C Design assurance
Quality Grade	Industrial grade

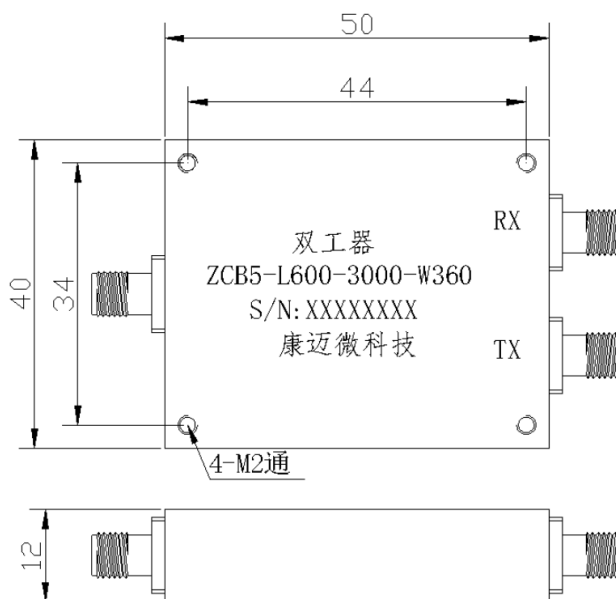
Port Definition

1	Common port	---
2	Passband 1	RX
3	Passband 2	TX
4	GND Port	shell

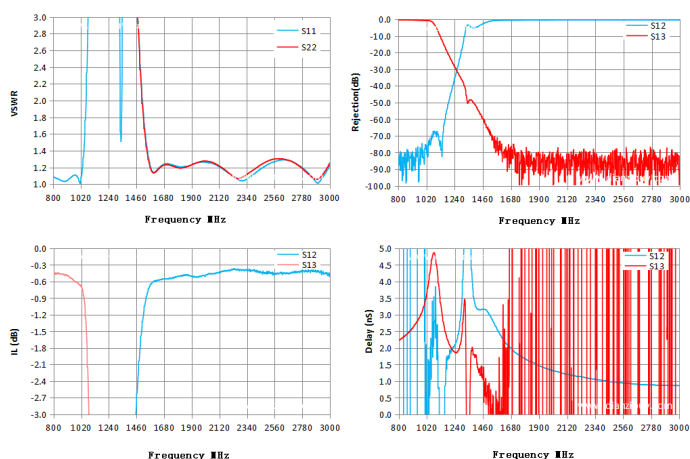
Reference picture



Configuration(mm)



Typical test curve



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 MHz	S 1 1 V S W R	S 2 2 V S W R	S 1 2 I L d B	S 1 3 I L d B	S 1 2 R e j.	S 1 3 抑 制 d B	S 1 2 D e l a y n S	S 1 3 D e l a y n S
800.00	1. 0 8	7 3. 6 9	- 8 7 .3 1	- 0 .4 6 3 1	- 8 7 .3 1	-0 .4 6	4 9 5 .7 0	2 .2 4
957.00	1. 1 0	5 4. 2 2	- 8 8 .5 6 7	- 0 8 .8 5 6 7	- 8 8 .8 5 6 7	-0 .5 7	1 2 4 .5 8	2 .8 9
1114.00	9. 0 2	3 3. 3 9	- 6 9 .6 9 0	- 7 .9 6 5 9 0	- 6 9 .9 5 9 0	-7 .6 5	0 .7 6	3 .8 6
1271.00	2 6. 5 5 5	2 6. 5 3	- 2 7 .1 0	- 3 2 7 .1 2	- 2 7 .1 2	-3 2. 7 2	2 .4 8	1 .9 4
1429.00	5. 2 4	5. 1 9	- 4 .1 4	- 5 .5 2 4	- 4 .1 4	-5 5. 2 4	3 .1 5	1 .2 8
1586.00	1. 1 6	1. 1 5	- 0 .6 2 2	- 7 6 .6 7 2	- 0 .6 6 2	-7 6. 7 2	2 .4 7	- 0 .5 7
1743.00	1. 2 3	1. 2 2	- 0 .5 4 0	- 8 1 .5 7 0	- 0 .5 4	-8 1. 7 0	1 .7 8	- 1 3 .6 8

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

Frequency MHz	S 1 1 V S W R	S 2 2 V S W R	S 1 1 I L d B	S 1 1 I L d B	S 1 2 R e j.	S 1 3 抑 制 d B	S 1 2 D e l a y n S	S 1 3 D e l a y n S
1900.00	1. 2 3	1. 2 3	- 0 . 5 0	- 8 1 . 5 5	- 0 . 5 0	-8 1. 5 5	1 . 4 6	4 1 . 0 9
2057.00	1. 2 5	1. 2 6	- 0 . 4 6	- 8 1 . 9 6 7	- 0 . 4 6	-8 1. 9 7	1 . 2 7	- 5 3 . 8 3
2214.00	1. 1 1	1. 1 1	- 0 . 3 9	- 8 7 . 0 2	- 0 . 3 9	-8 7. 0 2	1 . 1 4	8 1 . 9 8
2371.00	1. 0 9	1. 1 5	- 0 . 3 9 8	- 8 5 . 8 8	- 0 . 3 9	-8 5. 8 8	1 . 0 4	- 4 4 . 9 6
2529.00	1. 2 5	1. 2 9	- 0 . 4 6 8	- 9 3 . 6 6 8	- 0 . 4 6	-9 3. 6 8	0 . 9 6	2 1 . 8 7
2686.00	1. 2 8	1. 2 8	- 0 . 4 5	- 8 7 . 0 2	- 0 . 4 5	-8 7. 0 2	0 . 9 0	2 2 . 1 4
2843.00	1. 1 1	1. 1 0	- 0 . 4 4 2	- 8 5 . 4 2	- 0 . 4 4	-8 5. 2 2	0 . 8 8	1 2 . 2 1

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

Frequency MHz	S11	S12	S13	S14	S15	S16	S17	S18
	11VSWR	22VSWR	12ILdB	13ILdB	12Rj.	13抑制dB	12Dell	13Dell
3000.00	1.21	1.24	-0.49	-0.83	-0.49	-8.6	0.86	1.09

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