

Product features

Broadband, high-power.

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	10	~	6000	MHz
IL			1.2	dB
Isolation	20			dB
Main line VSWR			1.3	
feed-voltage		50		V
Feed current		300		mA

Other parameters

Connector	SMA-JK
Connector material	Stainless steel
Feed interface	Pin
Impedance	50Ω
Power Capacity	5W RF power, design guarantee
Operation Temp.	-40~+85°C Design assurance

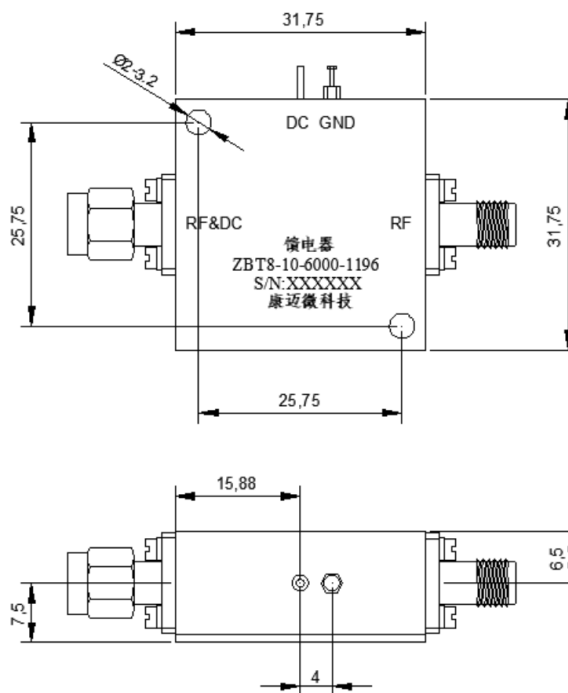
Port Definition

RF port	SMA-K
RF&DC Port	SMA-J
DC Port	Pin
GND	Grounding post

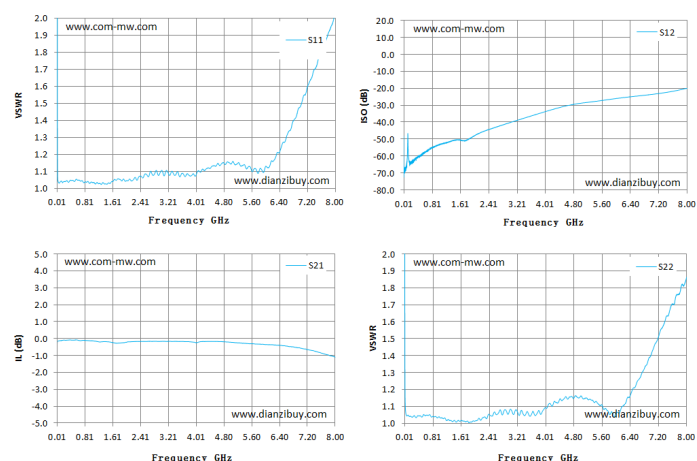
Reference picture



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.

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

Typical test data

Frequency GHz	S11 VSWR	S21 IL dB	S12 ISO dB	S22 VSWR
0.01	1.11	-0.23	-67.20	1.20
0.58	1.05	-0.08	-57.85	1.04
1.15	1.04	-0.18	-52.46	1.03
1.72	1.05	-0.27	-50.93	1.01
2.29	1.05	-0.17	-45.21	1.03
2.86	1.11	-0.17	-41.19	1.08
3.43	1.09	-0.17	-37.49	1.05
4.01	1.09	-0.27	-33.76	1.09
4.58	1.13	-0.18	-30.47	1.16
5.15	1.14	-0.25	-28.44	1.15
5.72	1.12	-0.33	-26.89	1.08
6.29	1.19	-0.38	-25.32	1.14
6.86	1.42	-0.52	-24.03	1.34
7.43	1.70	-0.76	-22.43	1.63
8.00	2.02	-1.11	-20.02	1.86

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