

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	0.01	~	18	GHz
IL		1.2	1.5	dB
Isolation		30		dB
Main line VSWR		1.4	1.8	
feed-voltage			50	V
Feed current			500	mA

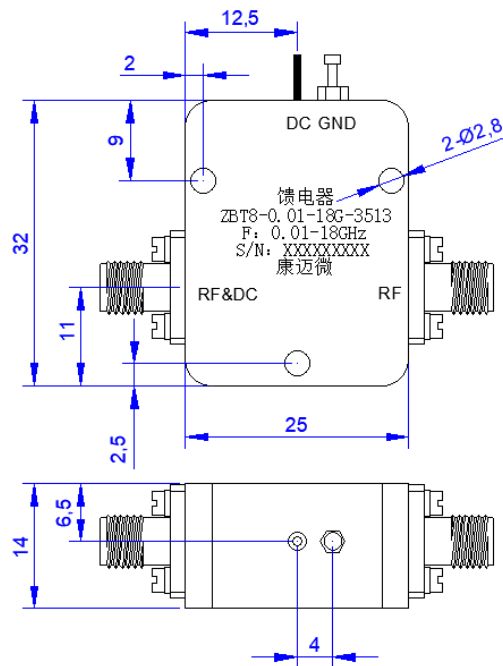
Other parameters

Connector	SMA-K detachable, Pin 0.38mm
Connector material	Stainless steel
Feed interface	Pin 0.8mm
Impedance	50Ω
Surface	Gold-plating
Power Capacity	10W射频功率, 设计保证
Shell Material	Aluminium
Operation Temp.	-40~+70°C Design assurance
Group delay	<5ns

Reference picture



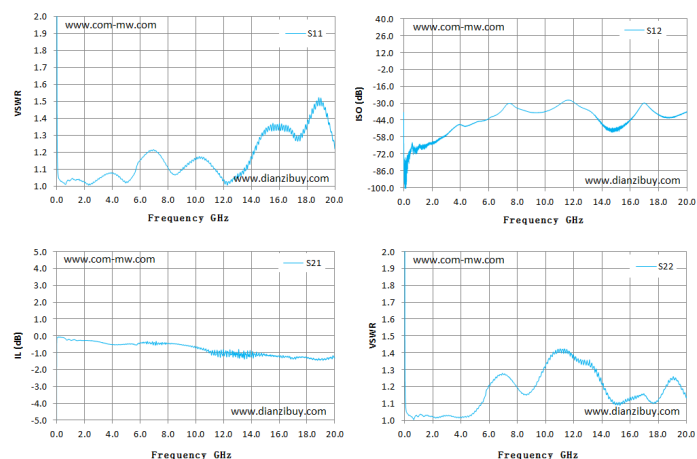
Configuration(mm)



Typical test data

Frequency GHz	S11 VSWR	S21 IL dB	S12 ISO	S22 VSWR
0.01	1.56	-0.37	-75.3 2	1.56
1.43	1.04	-0.27	-65.6 2	1.03
2.86	1.03	-0.32	-57.5 3	1.03
4.29	1.07	-0.52	-49.2 3	1.02
5.71	1.11	-0.53	-44.3 9	1.14
7.14	1.21	-0.38	-32.9 2	1.27
8.57	1.07	-0.49	-36.2 8	1.15
10	1.16	-0.71	-36.9 7	1.33
11.43	1.1	-1.15	-27.9 3	1.4
12.86	1.06	-1.22	-35.0 2	1.33
14.29	1.23	-1.13	-51.1 6	1.15
15.71	1.36	-1.19	-46.5 8	1.12
17.14	1.28	-1.26	-30.9 5	1.14
18.57	1.46	-1.41	-42.0 5	1.21
20	1.22	-1.31	-37.2 2	1.14

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.