

Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband F1	/	/	29.4	~	31	GHz
Passband F2	/	/	19.6	~	21.2	GHz
band 1 IL	/	/			2	dB
band 2 IL	/	/			2	dB
Passband VSWR	/	/			1.5	
Band 1 Rejection	19.6G -21.2	GHz ≥	90			dB c
band 2 Rejection	29.4G -31	GHz ≥	90			dB c

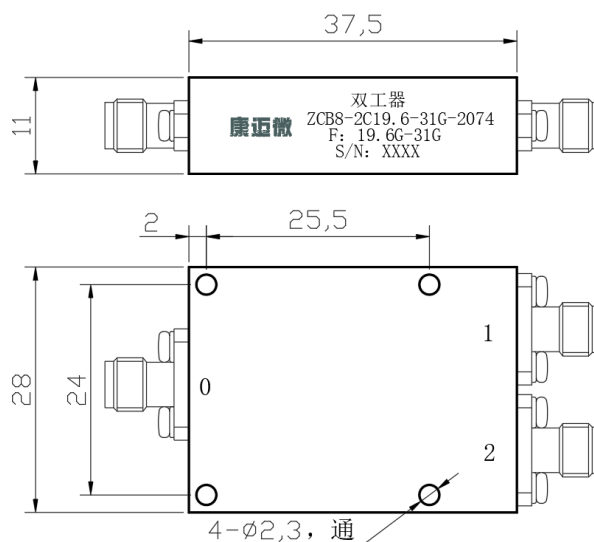
Other parameters

Connector	2.92-K
Connector material	Stainless steel
Impedance	50Ω
Surface	Black baking paint, no paint on the bottom surface.
Power Capacity	100W peak power, maximum duty cycle 50%
Operation Temp.	-30~+70°C Design assurance

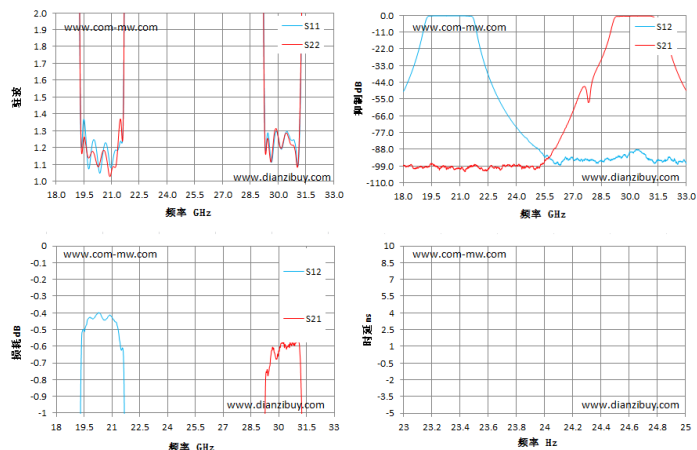
Reference picture



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(GHz)	S11 VSWR	S12 IL dB	S12 Rej.
18	66.62	-50.18	-50.18
19.07	24.59	-10.13	-10.13
20.14	1.22	-0.41	-0.41
21.21	1.18	-0.45	-0.45
22.29	53.47	-31.09	-31.09
23.36	86.05	-62.03	-62.03
24.43	136.37	-79.78	-79.78
25.5	216.77	-92.85	-92.85
26.57	156.48	-93.97	-93.97
27.64	12.69	-94.31	-94.31
28.71	39.19	-94.73	-94.73
29.79	1.24	-92.68	-92.68
30.86	1.24	-92.8	-92.8
31.93	19.87	-95.2	-95.2
33	57.07	-97.59	-97.59

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