

Parameters	Frequency	/	Min	Typical	Max	Units
Passband F1	/	/	4900	~	7600	MHz
Passband F2	/	/	9800	~	22800	MHz
band 1 IL	/	/			2	dB
band 2 IL	/	/			2	dB
Passband VSWR	/	/			1.7	
Band 1 Rejection	9.8-22.8	GHz $\geq$	50			dB
band 2 Rejection	4.9-7.6	GHz $\geq$	50			dB

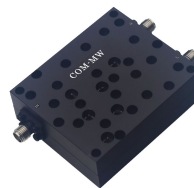
Other parameters

Connector	SMA-F
Connector material	Stainless steel
Impedance	50Ω
Surface	Black
Power Capacity	20W Design assurance
Operation Temp.	-40~+85°C Design assurance
Quality Grade	Industrial grade

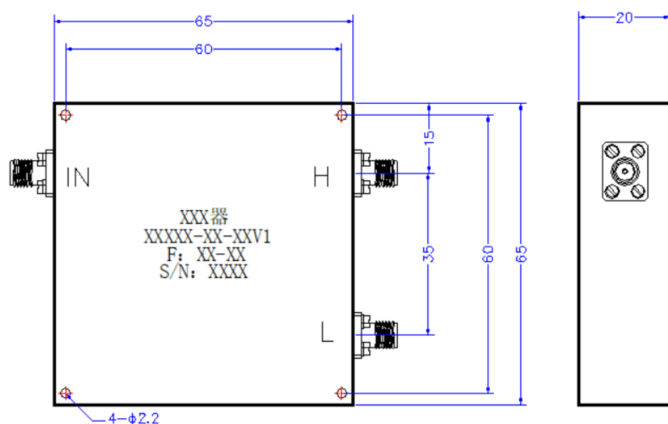
Port Definition

1	Common port	IN
2	Passband 1	L
3	Passband 2	H
4	GND Port	---

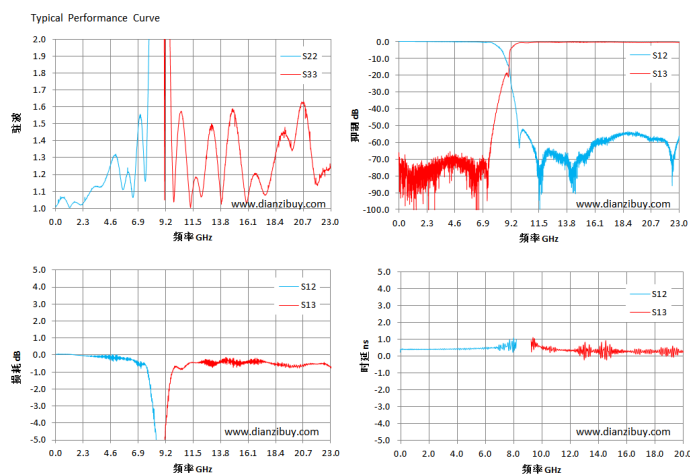
Reference picture



Configuration(mm)



Typical test curve



Note

- | | |
|---|--|
| 1 | Clean the surface of the product, do not soak the product in cleaning solution for cleaning. |
| 1 | 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)	S22 VSWR	S33 VSWR	S12 IL dB	S13 IL dB
3.00	1.11	214.95	-0.08	-77.45
4.00	1.15	390.46	-0.04	-69.98
5.00	1.32	364.43	-0.23	-70.94
6.00	1.21	149.21	-0.14	-93.44
7.00	1.54	102.52	-0.62	-70.07
8.00	2.99	97.90	-2.47	-42.37
9.00	21.93	8.77	-14.74	-21.16
10.00	43.99	1.18	-55.33	-0.73
11.00	62.26	1.23	-61.86	-0.55
12.00	40.25	1.12	-67.03	-0.40
13.00	62.54	1.49	-71.43	-0.63
14.00	39.07	1.11	-75.76	-0.27
15.00	61.88	1.56	-69.45	-0.37
16.00	40.86	1.04	-59.28	-0.46
17.00	42.84	1.18	-59.32	-0.30

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