

Main specifications

Parameters	Frequency		Min	Typical	Max	Units
Passband F1			90	~	950	MHz
Passband F2			1050	~	1900	MHz
I/O VSWR				1.8	2.0	
Frequency offset at the intersection of passband 1 and passband 2	1000 ±50					MHz
Intersection loss	1000 ±50	MHz ≥			5.5	dB
Frequency 1 IL	90-950	MHz ≥			1.6	dB
Frequency 2 IL	1050-1900	MHz ≥			1.8	dB
Band 1 Rejection	DC-60	MHz ≥	70			dBc
Band 1 Rejection	1.2-6	GHz ≥	70			dBc
Band 1 Rejection	DC-0.8	GHz ≥	70			dBc
band 2 Rejection	2.3-6	GHz ≥	70			dBc

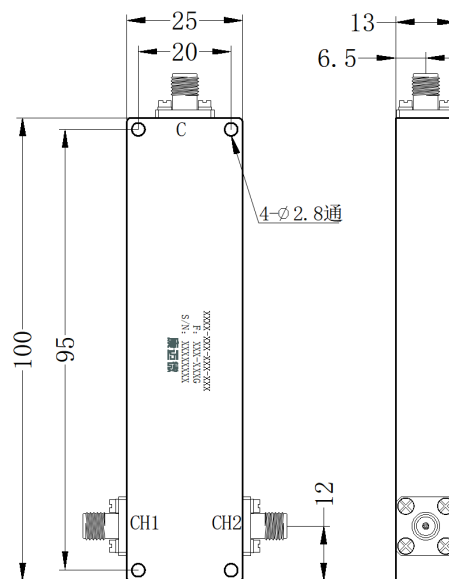
Other parameters

Connector	SMA-K
Connector material	Stainless steel
Impedance	50Ω
Surface	Grey
Power Capacity	5W Design assurance
Shell Material	Aluminium
Operation Temp.	-55~+85°C

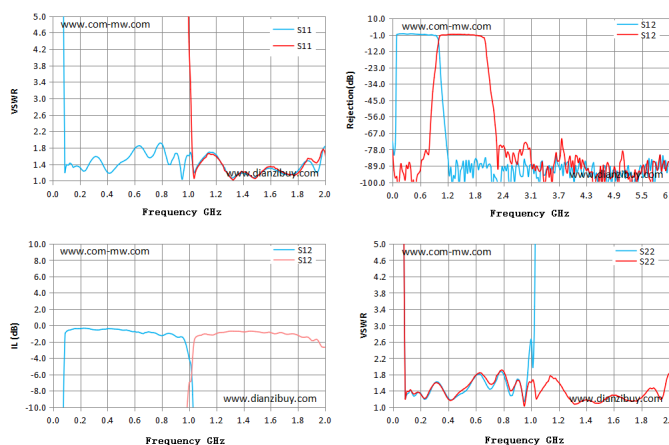
Reference picture



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.

Typical test data

Frequency GHz	S11 驻波	S11 驻波	S12 损耗 dB	S12 损耗 dB	S12 抑制 dB	S12 抑制 dB	S22 驻波	S22 驻波
0.01	385.79	3502.95	-66.88	-70.27	-72.54	-78.38	548.43	708.26
0.14	1.39	314.43	-0.49	-102.83	-0.55	-90.9	1.34	1.36
0.29	1.51	81.1	-0.5	-89.97	-0.78	-81.55	1.53	1.53
0.43	1.19	135.58	-0.4	-90.33	-16.66	-1.83	1.18	1.17
0.57	1.59	217.78	-0.66	-110.28	-97.44	-0.74	1.58	1.61
0.71	1.57	107.45	-0.78	-79.67	-93.36	-1.05	1.44	1.57
0.86	1.4	14.86	-0.98	-53.8	-90.51	-16.26	1.28	1.4
1	1.61	6.6	-3.1	-9.27	-89.55	-76.67	2.39	1.62
1.14	1.66	1.65	-58.21	-1.11	-89.03	-80.87	23.39	1.77
1.29	1.16	1.17	-93.05	-0.74	-89.18	-92.22	27.6	1.18
1.43	1.15	1.19	-85.5	-0.75	-94.35	-90.96	49.93	1.16
1.57	1.27	1.29	-92.34	-0.89	-88.45	-90.79	67.56	1.25
1.71	1.15	1.19	-87.99	-1.01	-92.01	-91.07	63.64	1.16
1.86	1.45	1.41	-87.84	-1.44	-100.11	-94.65	32.57	1.43
2	1.76	1.76	-88.66	-2.68	-92.11	-96.4	7.24	1.74

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