

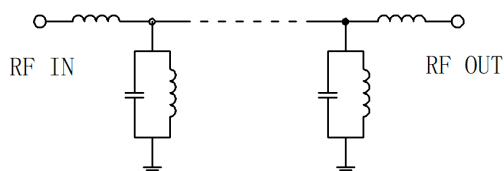
Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	4900	~	5950	MHz
Passband IL	/	/			1	dB
Ripple	/	/			0.5	dB
Rejection	DC-3000	MHz $\geq$	90			dB
Passband VSWR	/	/			1.5	

Other parameters

Connector	SMA-F or K
Impedance	50 Ω
Surface	silver-plate
Power Capacity	5W Design assurance
Operation Temp.	-40~+70°C Design assurance
Storage Temp.	-55~+85°C Design assurance
Quality Grade	Industrial grade

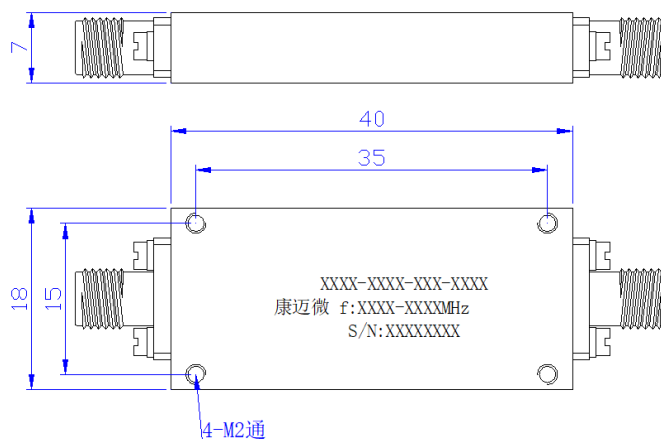
Functional diagram



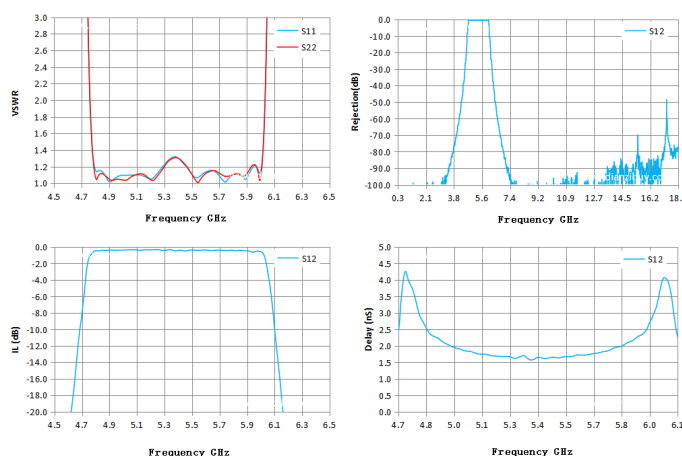
Reference picture



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 VSWR	S22 VSWR	S12 IL dB	S12 Rej.	S12 Delay nS
4.50	66.47	64.58	-36.7 8	-36. 78	0.63
4.64	36.67	40.50	-19.3 2	-19. 32	0.87
4.79	1.23	1.19	-0.52	-0.5 2	3.34
4.93	1.02	1.03	-0.37	-0.3 7	2.16
5.07	1.10	1.07	-0.35	-0.3 5	1.83
5.21	1.05	1.04	-0.36	-0.3 6	1.69
5.36	1.30	1.29	-0.34	-0.3 4	1.63
5.50	1.13	1.13	-0.37	-0.3 7	1.64
5.64	1.15	1.14	-0.44	-0.4 4	1.72
5.79	1.07	1.09	-0.42	-0.4 2	1.93
5.93	1.13	1.17	-0.54	-0.5 4	2.34
6.07	5.85	6.00	-4.78	-4.7 8	3.59
6.21	54.49	47.75	-23.9 9	-23. 99	1.02
6.36	256.4 6	150.3 7	-41.6 0	-41. 60	0.40
6.50	576.1 2	876.2 9	-53.3 5	-53. 35	-0.34

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