

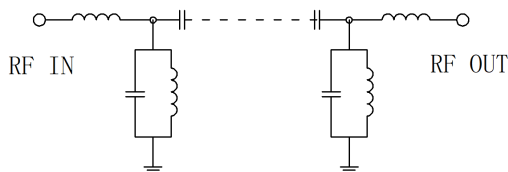
Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	850	~	1850	MHz
Passband IL	/	/			2.0	dB
Ripple	/	/			0.6	dB
Rejection	DC-550	MHz $\geq$	40			dBc
Rejection	2.25-5	GHz $\geq$	40			dBc
Rejection	5-8	GHz $\geq$	30			dBc
Passband VSWR	/	/			1.5	

Other parameters

Connector	Pin 0.38mm
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

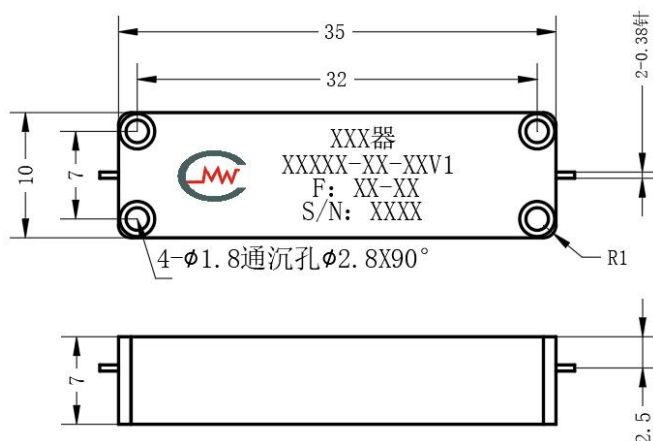
Functional diagram



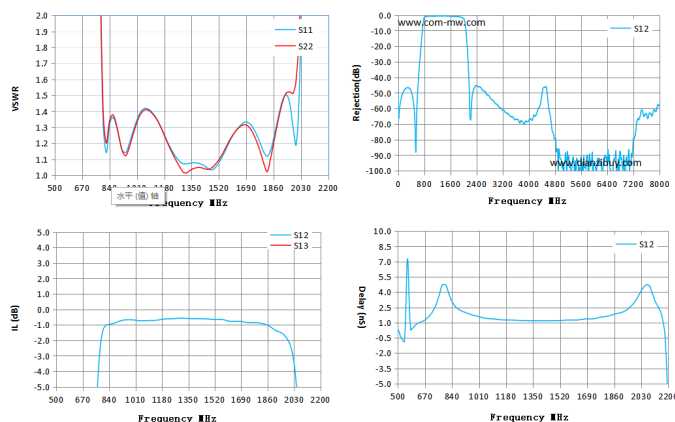
Reference picture



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.
- 3 It is prohibited to install embedded filters on microwave multilayer boards with frequencies greater than 2000MHz after opening holes.

Typical test data

Frequency MHz	S11 VSW R	S22 VSW R	S12 IL (dB)	S12 Reject ion	S12 Delay (ns)
500	77.76	97.78	-63.4 6	-63.46	0.31
660	31.68	36.52	-29.8	-29.8	1.17
700	21.91	24.65	-19.8 2	-19.82	1.7
860	1.36	1.37	-0.93	-0.93	2.6
1000	1.32	1.3	-0.69	-0.69	1.62
1160	1.3	1.3	-0.68	-0.68	1.26
1300	1.07	1.02	-0.58	-0.58	1.2
1400	1.07	1.05	-0.6	-0.6	1.18
1500	1.05	1.07	-0.65	-0.65	1.2
1700	1.24	1.24	-0.73	-0.73	1.25
1720	1.31	1.28	-0.84	-0.84	1.36
1840	1.15	1.1	-0.96	-0.96	1.72
2000	1.19	1.59	-2.18	-2.18	3.29
2100	33.37	4.35	-16.4 6	-16.46	3.86
2200	27.06	12.26	-66.0 9	-66.09	-8.11

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