

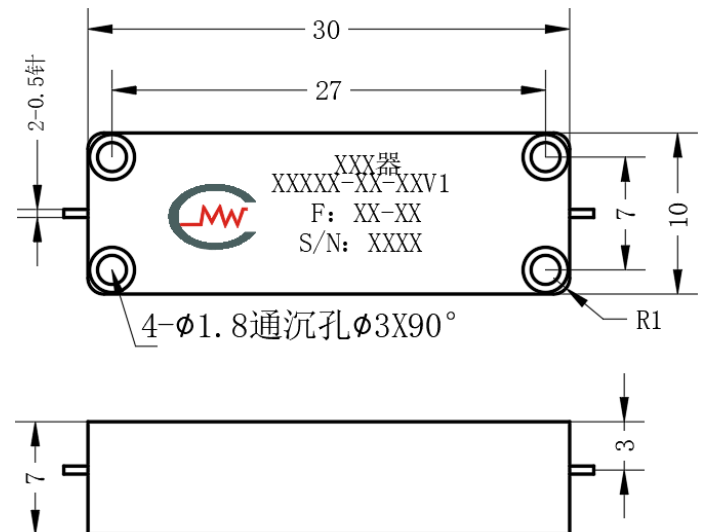
Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	580	~	610	MHz
Center loss	/	/			3.0	dB
Ripple					0.5	dB
Rejection	DC-405	MHz $\geq$	65			dBc
Rejection	435-525	MHz $\geq$	45			dBc
Rejection	665	MHz $\geq$	45			dBc
Rejection	720-750	MHz $\geq$	65			dBc
Passband VSWR	/	/			1.5	

Reference picture



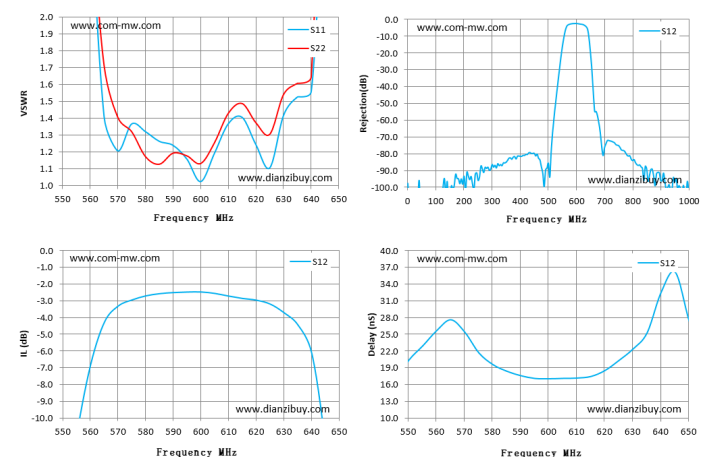
Configuration(mm)



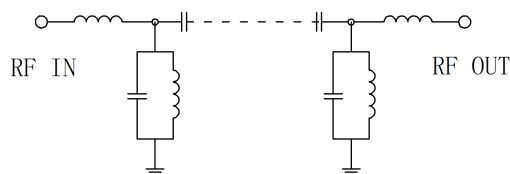
Other parameters

Connector	Pin 0.5mm
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

Typical test curve



Functional diagram



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 MHz	S11 VSW R	S22 VSW R	S12 IL (dB)	S12 Reject ion	S12 Delay (ns)
550	15.43	4.55	-22.1 2	-22.12	16.54
557	5.91	3.51	-10.9 5	-10.95	22.98
564	2.89	2.66	-6.82	-6.82	25.72
571	1.21	1.41	-3.32	-3.32	25.39
579	1.37	1.32	-2.96	-2.96	21.70
586	1.26	1.13	-2.58	-2.58	18.41
593	1.24	1.19	-2.52	-2.52	17.61
600	1.16	1.18	-2.49	-2.49	17.13
607	1.19	1.26	-2.57	-2.57	17.14
614	1.37	1.43	-2.73	-2.73	17.19
621	1.24	1.37	-2.98	-2.98	18.55
629	1.11	1.31	-3.21	-3.21	20.37
636	1.53	1.61	-4.46	-4.46	25.30
643	1.56	1.65	-6.16	-6.16	32.54
650	2.75	4.24	-11.7 3	-11.73	36.17

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