

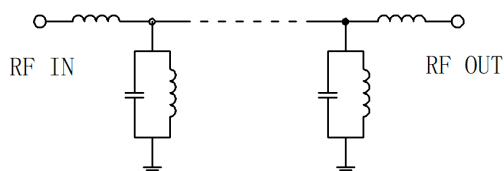
Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	325	~	335	GHz
Passband IL	/	/			0.75	dB
Rejection	DC-315	MHz $\geq$	40			dB
Rejection	345~1400	MHz $\geq$	40			dB
Passband VSWR	/	/			1.2	

Other parameters

Connector	SMA-K
Connector material	Stainless steel
Impedance	50 Ω
Surface	Black baking paint
Power Capacity	100W Design assurance
Operation Temp.	-20~+60°C Design assurance
Quality Grade	Industrial grade

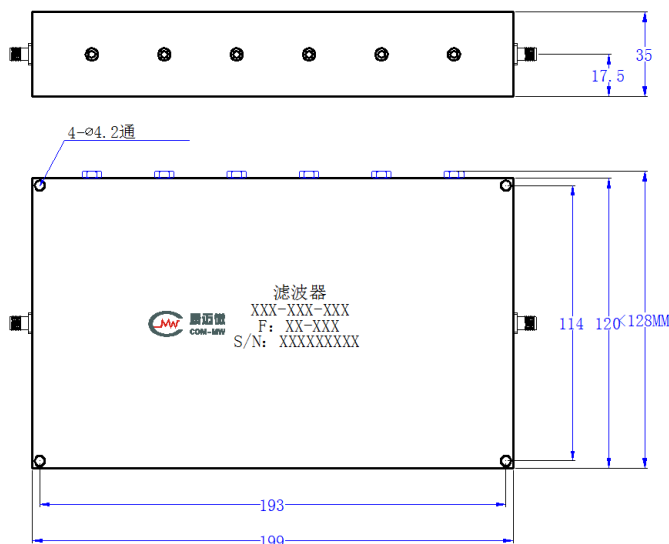
Functional diagram



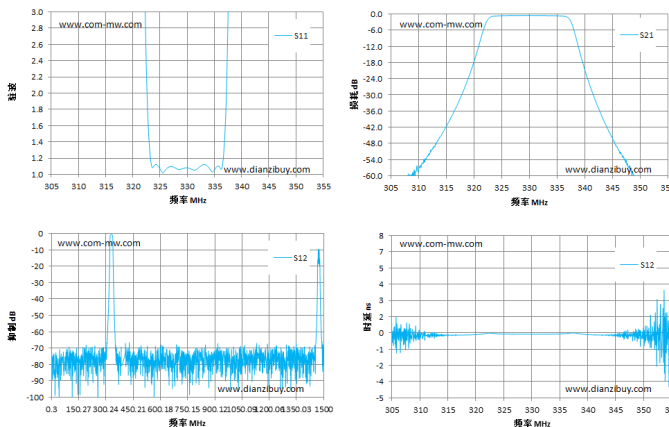
Reference picture



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(MHz)	S11 VSWR	S21 IL dB	S12 Delay nS
305	213.65	-66.58	-0.2
309	290.24	-59.02	-0.19
312	634.71	-51.89	-0.03
316	304.82	-37.89	0.01
319	72.71	-23.7	0.05
323	1.41	-1.13	0.16
326	1.05	-0.59	0.1
330	1.08	-0.53	0.09
334	1.08	-0.62	0.11
337	1.57	-1.4	0.18
341	104.49	-26.98	0.04
344	4439.88	-42.1	0.1
348	322.75	-56.59	0.16
351	229.03	-66.79	-0.41
355	204.17	-79.55	2.58

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