

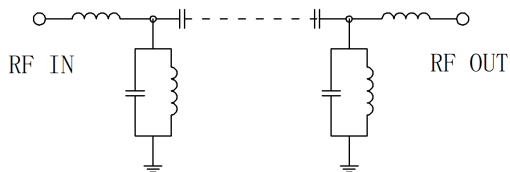
Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	1160	~	1240	MHz
Passband IL	/	/			3.5	dB
Ripple	/	/			1.0	dB
Rejection	DC-1080	MHz $\geq$	40			dBc
Rejection	1320-3000	MHz $\geq$	40			dBc
Passband VSWR	/	/			1.6	

Other parameters

Connector	SMD
Impedance	50 Ω
Power Capacity	2W Design assurance
Operation Temp.	-45~+85°C Design assurance
Storage Temp.	-55~+85°C Design assurance

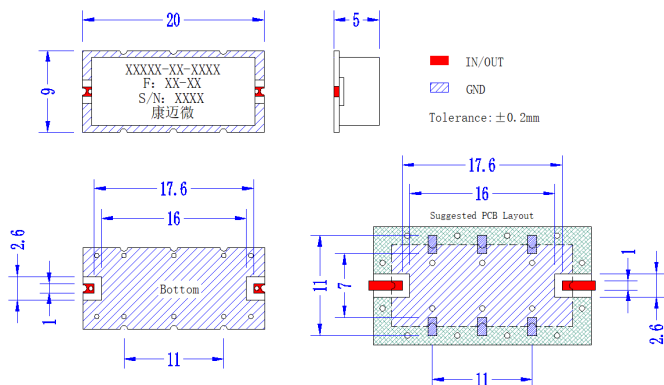
Functional diagram



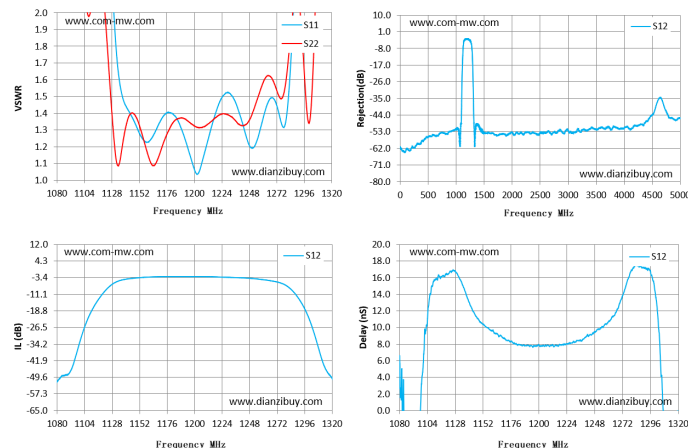
Reference picture



Configuration(mm)



Typical test curve



Note

- Clean the surface of the product, do not soak the product in cleaning solution for cleaning.
- The product supports 190 °C reflow soldering

Typical test data

Frequency MHz	S11 VSWR	S22 VSWR	S12 IL (dB)	S12 Delay (ns)
1080	20.28	10.34	-51.6	5.98
1097	13.6	3.71	-38.48	-6.3
1114	6.44	2.22	-15.2	16.22
1131	1.85	1.16	-5.58	16.12
1149	1.33	1.38	-3.59	10.73
1166	1.29	1.1	-3.06	8.92
1183	1.38	1.36	-2.96	7.95
1200	1.06	1.32	-2.96	7.9
1217	1.37	1.36	-3.06	7.82
1234	1.49	1.37	-3.39	8.41
1251	1.19	1.4	-3.86	9.81
1269	1.49	1.59	-5.11	12.72
1286	1.94	2	-9.85	17.32
1303	5.78	1.56	-27.08	9.92
1320	10.45	6.59	-50.22	-6.9

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