

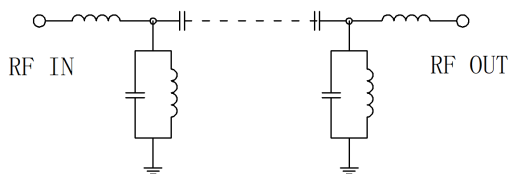
Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	200	~	2200	MHz
Passband IL	/	/			2.5	dB
Ripple	/	/			1.0	dB
Rejection	DC-160	MHz $\geq$	40			dB
Rejection	2600-4200	MHz $\geq$	35			dB
Passband VSWR	/	/			1.6	

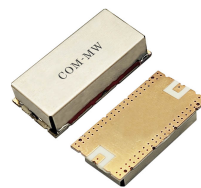
Other parameters

Connector	SMD
Impedance	50 Ω
Power Capacity	2W Design assurance
Operation Temp.	-40~+70°C Design assurance
Storage Temp.	-55~+85°C Design assurance

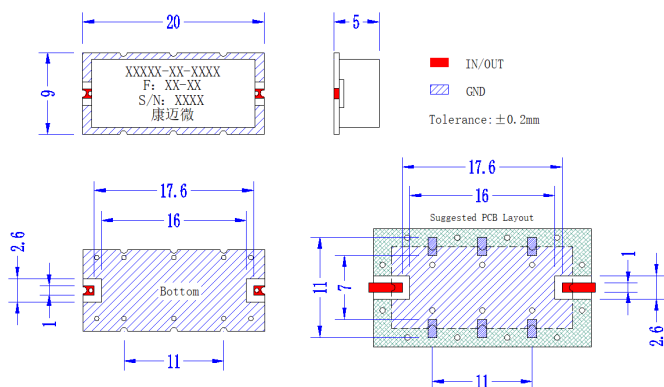
Functional diagram



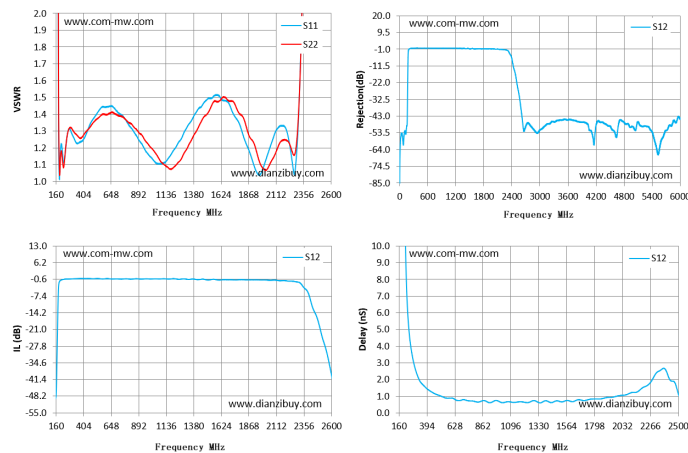
Reference picture



Configuration(mm)



Typical test curve



Note

- 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)
160	25.02	27.54	-47.6	19.82
334	1.24	1.28	-0.35	1.92
509	1.39	1.36	-0.33	1.02
683	1.43	1.4	-0.43	0.76
857	1.29	1.32	-0.38	0.72
1031	1.12	1.18	-0.39	0.61
1206	1.19	1.09	-0.33	0.65
1380	1.39	1.27	-0.5	0.71
1554	1.5	1.47	-0.58	0.72
1729	1.41	1.48	-0.8	0.76
1903	1.12	1.24	-0.81	0.92
2077	1.24	1.13	-0.97	1.12
2251	1.13	1.18	-1.34	1.7
2426	8.68	8	-11.15	2.02
2600	21.11	23.36	-39.67	-0.58

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