

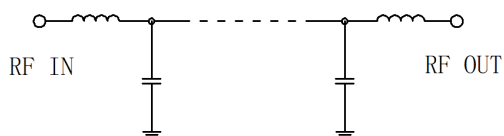
Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	100	~	180	MHz
Passband IL	/	/			1.5	dB
Ripple	/	/			0.7	dB
Rejection	DC-60	MHz $\geq$	33			dB
Rejection	220-1100	MHz $\geq$	33			dB
Passband VSWR	/	/			1.5	

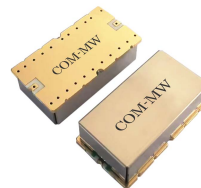
Other parameters

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

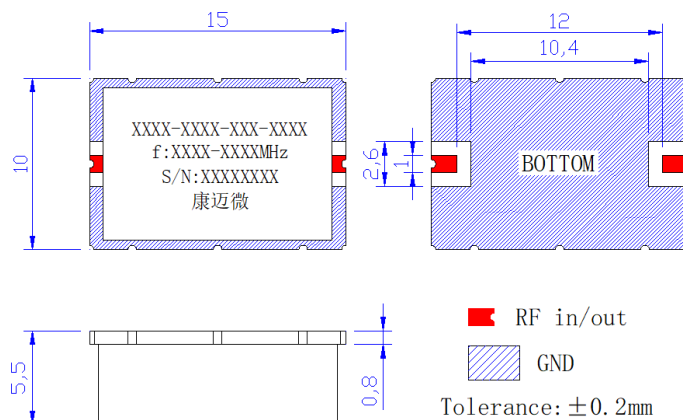
Functional diagram



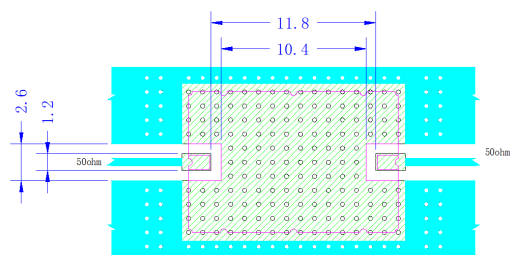
Reference picture



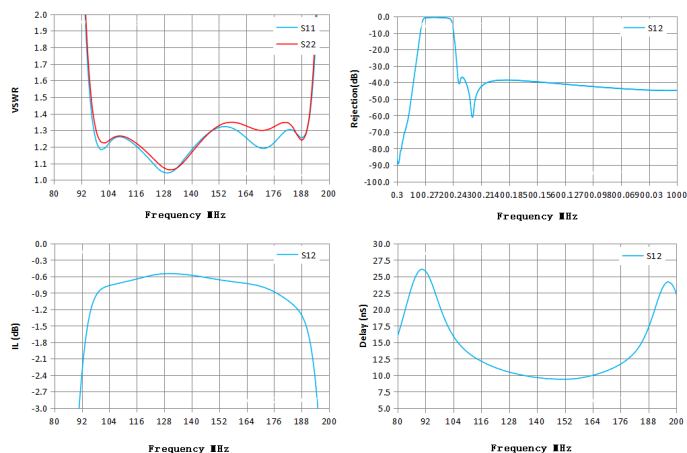
Configuration(mm)



Suggested PCB Layout



Typical test curve



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

Typical test data

Frequency MHz	S11 VSWR	S22 VSWR	S12 IL dB	S12 Rej.	S12 Delay nS
50.00	146.37	86.08	-52.58	-52.58	-0.84
75.00	37.97	28.51	-20.90	-20.90	11.35
100.00	1.24	1.30	-0.94	-0.94	20.34
125.00	1.08	1.12	-0.57	-0.57	10.89
150.00	1.29	1.29	-0.63	-0.63	9.42
175.00	1.20	1.31	-0.84	-0.84	11.36
200.00	3.68	4.25	-5.23	-5.23	23.74
225.00	36.76	48.30	-40.05	-40.05	-21.42
250.00	69.17	75.70	-40.97	-40.97	2.79
275.00	74.37	75.70	-56.73	-56.73	24.47
300.00	79.34	71.17	-42.95	-42.95	1.36
325.00	83.64	73.46	-39.90	-39.90	1.01
350.00	75.80	67.17	-38.93	-38.93	0.91
375.00	74.49	65.58	-38.58	-38.58	0.69
400.00	85.07	72.17	-38.51	-38.51	0.61

Note

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

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