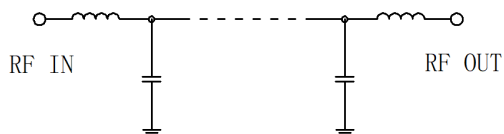
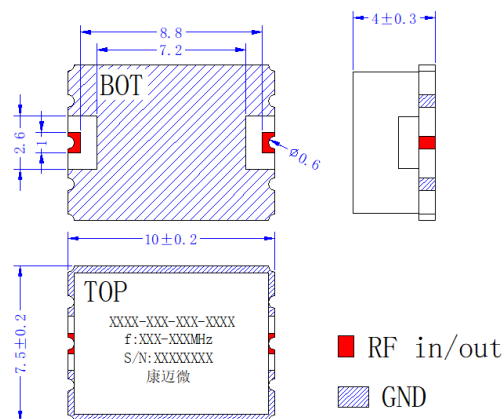
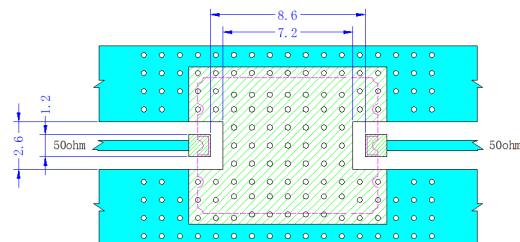
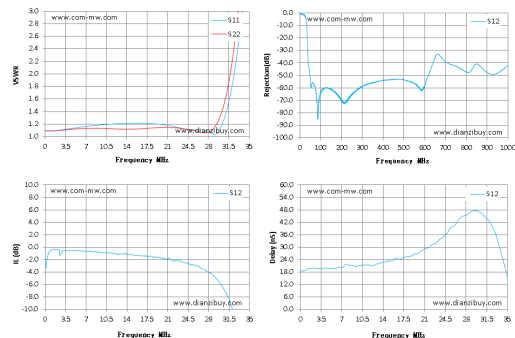


Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	DC	~	25	MHz
Passband IL	/	/			3.5	dB
Rejection	42-600	MHz $\geq$	35			dB
Passband VSWR	/	/			1.6	

Other parameters

Connector	SMD
Power Capacity	1W 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 diagram: RO4350B, H: 0.254mm****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 VSW R	S22 VSW R	S12 IL (dB)	S12 Reject ion	S12 Delay (ns)
0.01	1.09	1.09	-0.36	-0.36	18.93
7	1.16	1.13	-0.64	-0.64	20.23
14	1.21	1.12	-1.04	-1.04	22.75
21	1.18	1.15	-1.92	-1.92	29.05
29	1.04	1.13	-4.66	-4.66	47.28
36	4.99	6	-24.6 2	-24.62	6.31
43	14.71	16.96	-42.9 7	-42.97	-20.1
50	29.26	34.58	-55.0 2	-55.02	-25.96
57	47.43	58.3	-57.0 3	-57.03	-18.18
64	70.52	89.53	-56.1 5	-56.15	0.88
71	103.4 4	140.7	-59.1 7	-59.17	2.94
79	148.9	241.0 6	-66.5 1	-66.51	8.42
86	192.5 6	401.3 3	-84.9 7	-84.97	44.77
93	235.3 8	814.6 5	-68.4 1	-68.41	7.06
100	259.2 6	2148. 62	-63.7 9	-63.79	1.88

Note

1	Clean the surface of the product, do not soak the product in cleaning solution for cleaning.
2	The product supports 220 °C reflow soldering.
3	/
4	表贴式滤波器的接地很重要，如果接地效果不理想，会对滤波器的电特性造成影响，尤其是带外抑制指标会明显变差，在使用中尽量使产品的各个侧面及上、下面与组件的金属壳体贴合接触，只有良好的接地，正确的安装，才能发挥滤波器最佳性能，获得最佳效果: