

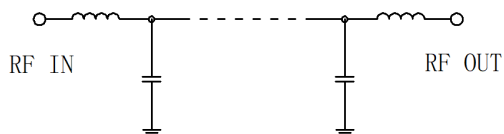
Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	DC	~	250	MHz
Passband IL	/	/			1.5	dB
Rejection	360-1200	MHz ≥	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

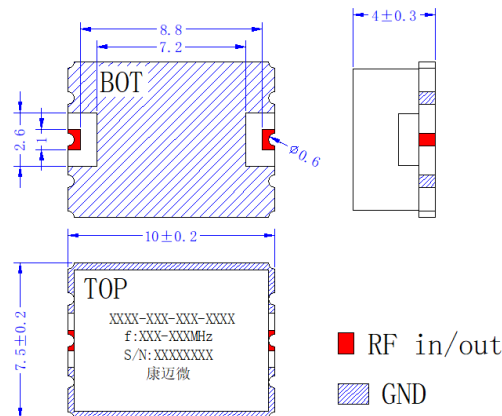
Functional diagram



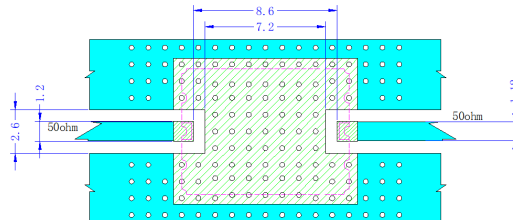
Reference picture



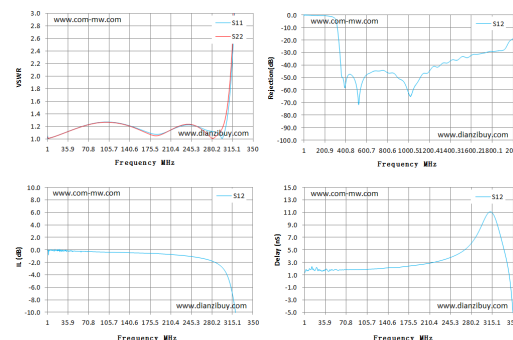
Configuration(mm)



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)
1	1.05	1.04	-0.17	-0.17	1.41
37	1.13	1.13	-0.17	-0.17	1.9
72	1.24	1.23	-0.29	-0.29	1.81
108	1.27	1.27	-0.38	-0.38	1.91
144	1.2	1.2	-0.47	-0.47	2.14
179	1.09	1.06	-0.57	-0.57	2.45
215	1.16	1.17	-0.78	-0.78	2.96
251	1.22	1.22	-1.14	-1.14	4.01
286	1.11	1.04	-2.01	-2.01	6.81
322	3.77	4.04	-10.9	-10.9	9.6
357	18.32	17.92	-44.7 2	-44.72	-11.96
393	39.89	39.34	-58.1 5	-58.15	-14.25
429	77.03	73.45	-47.6 6	-47.66	0.27
464	94.85	132.3 5	-48.6 3	-48.63	0.46
500	162.6 7	253.5 4	-55.5 7	-55.57	-0.46

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: