

Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	105	~	1800	MHz
Passband IL	/	/			2	dB
Rejection	DC-65	MHz $\geq$	40			dB
Passband VSWR	/	/			1.8	

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

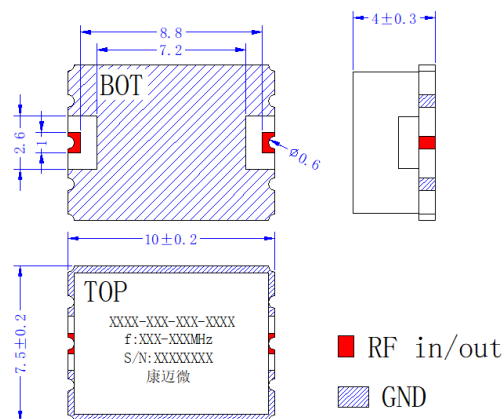
Functional diagram



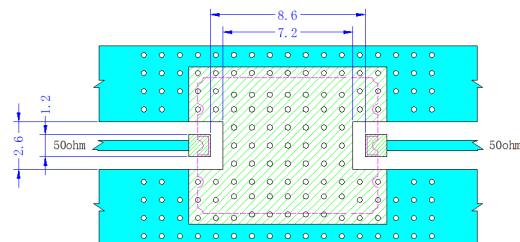
Reference picture



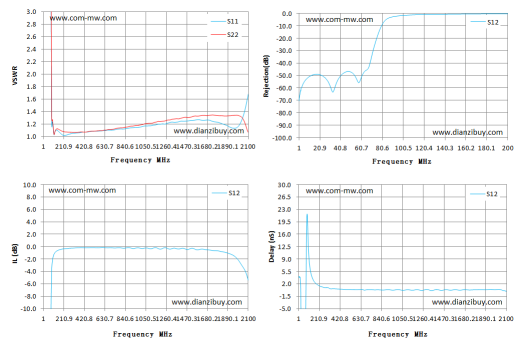
Configuration(mm)



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	215.5	99.12	-70.4 7	-70.47	3.91
15	506.5 4	495.9 2	-49.3 1	-49.31	3.79
29	177.2 5	256.7 4	-55.3	-55.3	-15.77
44	57.37	79.43	-47.9	-47.9	-8.53
58	24.22	29.45	-55.9 3	-55.93	-25.64
72	7.91	9.43	-29.0 5	-29.05	-3.07
86	1.17	1.3	-4.04	-4.04	21.65
101	1.12	1.14	-1.67	-1.67	10.54
115	1.07	1.06	-1.09	-1.09	6.3
129	1.11	1.12	-0.83	-0.83	4.41
143	1.11	1.13	-0.67	-0.67	3.34
157	1.09	1.12	-0.57	-0.57	2.61
172	1.06	1.11	-0.49	-0.49	2.15
186	1.04	1.1	-0.43	-0.43	1.81
200	1.03	1.09	-0.39	-0.39	1.56

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: