

Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	0.48	~	3	GHz
Passband IL	/	/			2	dB
Rejection	DC-370	MHz ≥	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

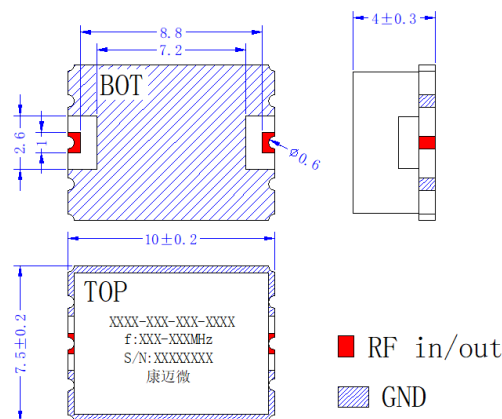
Functional diagram



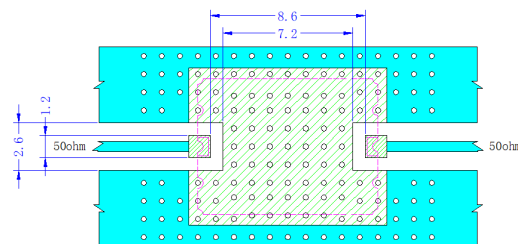
Reference picture



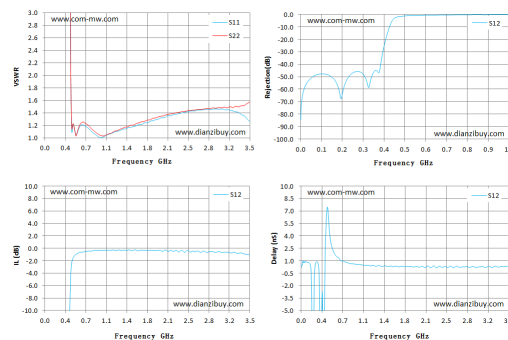
Configuration(mm)



建议PCB布局图:HO4350B, H:0.254mm



Typical test curve



Typical test data

Frequency MHz	S11 VSW R	S22 VSW R	S12 IL (dB)	S12 Reject ion	S12 Delay (ns)
1	219.0 2	99.75	-84.5 6	-84.56	0.23
72	6029. 03	1609. 53	-48.8 6	-48.86	0.87
144	268.8 1	485.9 1	-49.5 9	-49.59	0.67
215	467.0 8	262.4	-55.0 6	-55.06	-3.5
286	83.86	104.3 9	-46.2 1	-46.21	0.61
358	30.14	34.37	-45.1 4	-45.14	-4.37
429	3.95	4	-8.83	-8.83	6.98
501	1.17	1.17	-1.28	-1.28	3.11
572	1.15	1.17	-0.76	-0.76	1.7
643	1.22	1.27	-0.62	-0.62	1.23
715	1.18	1.23	-0.52	-0.52	0.95
786	1.12	1.17	-0.45	-0.45	0.76
857	1.06	1.1	-0.35	-0.35	0.64
929	1.01	1.05	-0.33	-0.33	0.56
1000	1.02	1.04	-0.33	-0.33	0.53

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: