

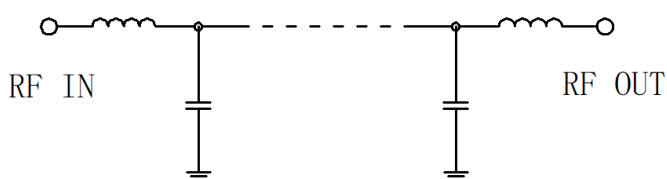
Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	DC	~	3400	MHz
Passband IL	/	/			3.0	dB
Ripple	/	/			3.0	dB
Rejection	3800-6700	MHz $\geq$	30			dBc
Rejection	6800-8000	MHz $\geq$	50			dBc
Passband VSWR	1000-3400	MHz			1.6	
Passband VSWR	DC-1000	MHz			2.2	

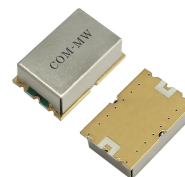
Other parameters

Connector	SMD
Impedance	50 Ω
Power Capacity	0.5W Design assurance
Delay ripple	$\leq$ 4ns
Operation Temp.	-40~+70°C
Storage Temp.	-55~+85°C Design assurance

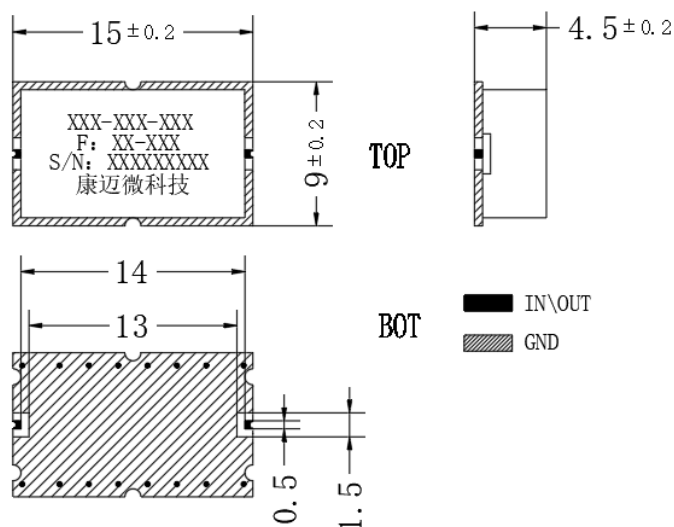
Functional diagram



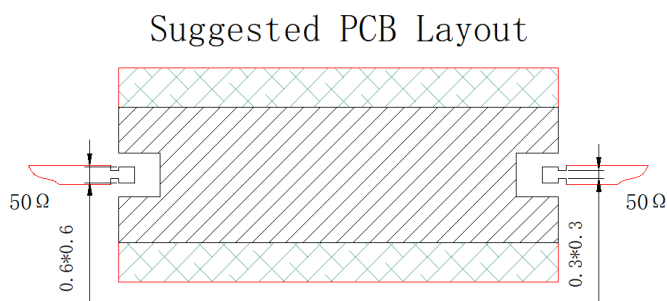
Reference picture



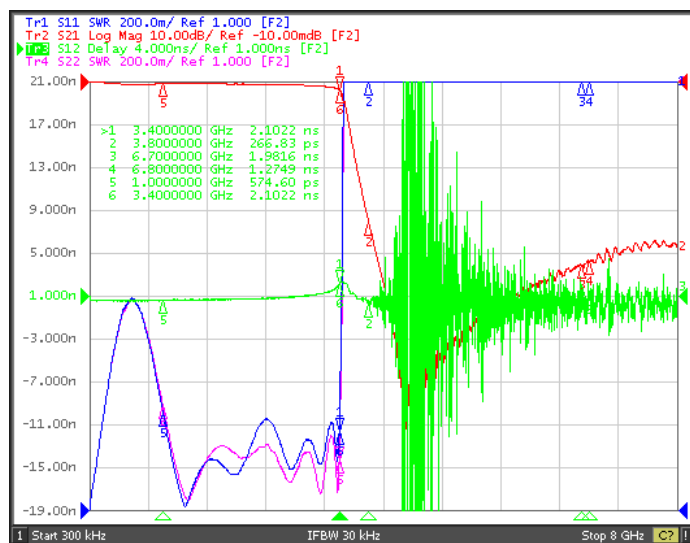
Configuration(mm)



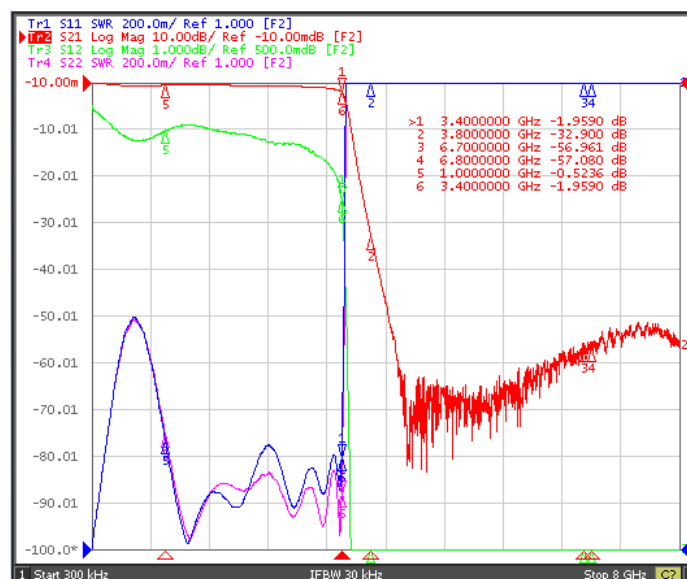
Suggested PCB Layout



Typical test curve



Typical test curve



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
- 3 It is prohibited to install embedded filters on microwave multilayer boards with frequencies greater than 2000MHz after opening holes.