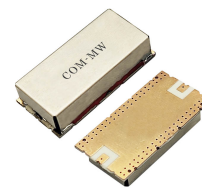


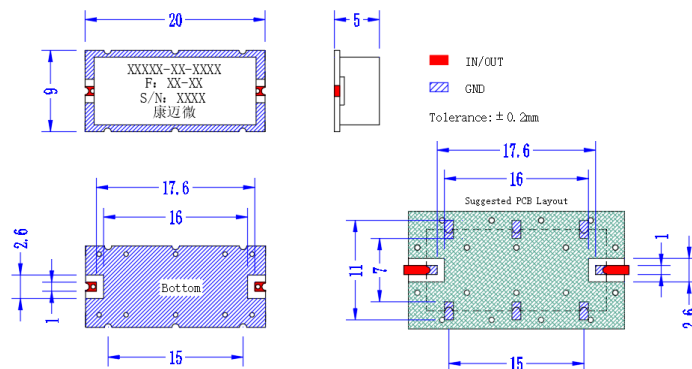
Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	249	~	351	MHz
Passband IL		/			3.0	dB
Ripple	/	/			1.0	dB
Ripple in band	300 $\pm$ 51	MHz			0.6	dB
Rejection	DC-210	MHz $\geq$	45			dBc
Rejection	390-500	MHz $\geq$	45			dBc
Rejection	1.7-2.5	GHz $\geq$	50			dBc
Passband VSWR	/	/			1.5	
Return loss	/	/				dB

Reference picture



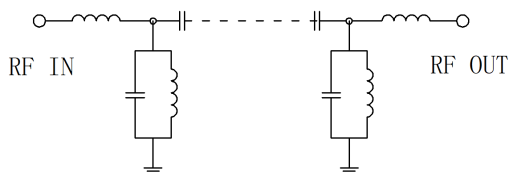
Configuration(mm)



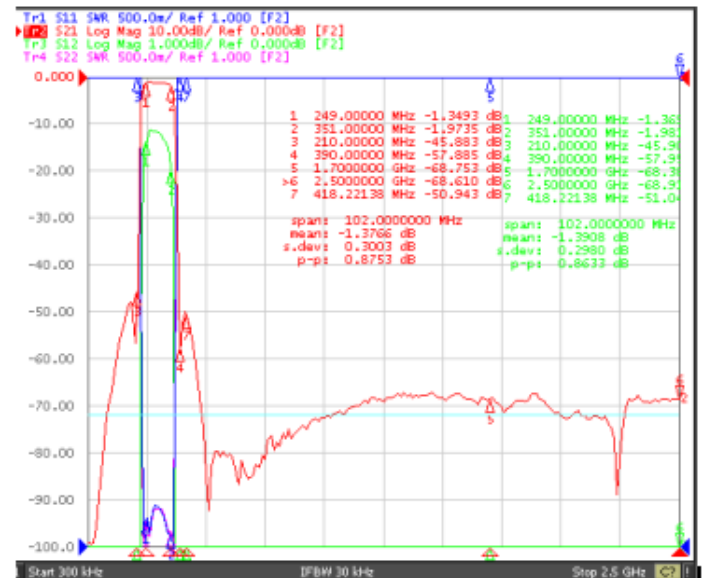
Other parameters

Connector	SMD
Impedance	50 Ω
Surface	silver-plate
Power Capacity	2W Design assurance
Delay ripple	$\leq 7.5\text{ns}$ (within 300 $\pm$ 51MHz band) 24-hour absolute delay variation $\leq 1\text{ns}$
Operation Temp.	-40~+70°C Design assurance
Storage Temp.	-55~+85°C Design assurance
Quality Grade	Industrial grade

Functional diagram



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