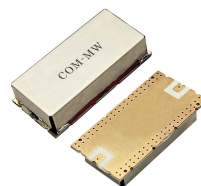


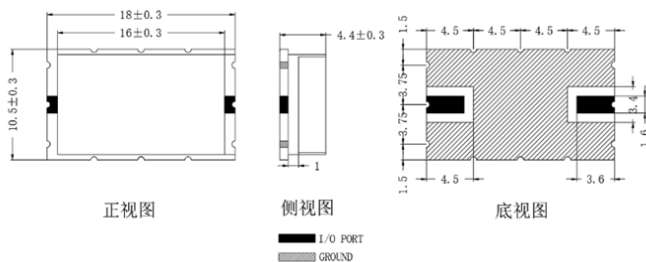
Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	53	~	67	MHz
Passband IL	/	/			2	dB
Ripple	/	/			0.7	dB
Rejection	DC-40	MHz $\geq$	45			dBc
Rejection	80-83	MHz $\geq$	25			dBc
Rejection	83-200	MHz $\geq$	45			dBc
Passband VSWR	/	/			1.7	

Reference picture



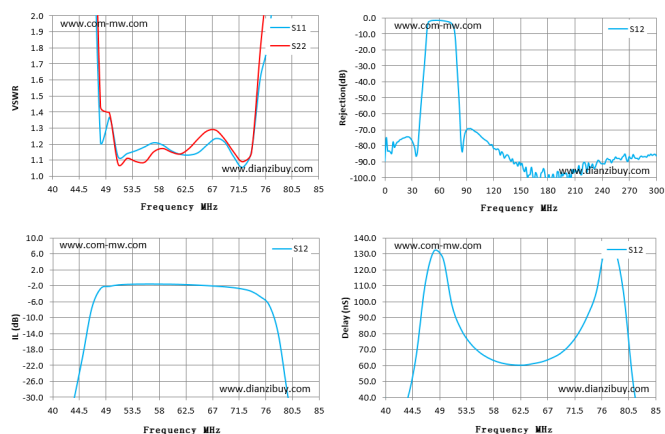
Configuration(mm)



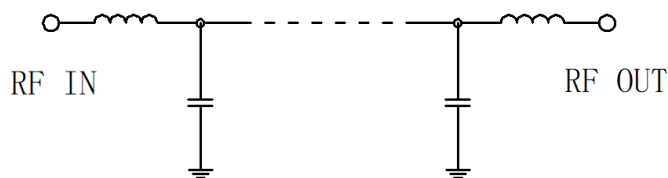
Other parameters

Connector	SMD
Impedance	50 Ω
Power Capacity	20dBm Design assurance
Bandwidth	-1dB $\geq$ 18MHz
Operation Temp.	-40~+70°C Design assurance

Typical test curve



Functional diagram



Typical test data

Frequency MHz	S11 驻波	S22 驻波	S12 损耗 dB	S12 抑制 dB	S12 时延 ns
40	47.34	94.82	-60.98	-60.98	52.66
43	28.71	51.56	-40.6	-40.6	28.2
46	11.83	16.6	-19.5	-19.5	65.84
50	1.37	1.39	-2.13	-2.13	126.89
53	1.14	1.11	-1.63	-1.63	82.55
56	1.18	1.09	-1.55	-1.55	68.41
59	1.19	1.17	-1.57	-1.57	62.35
63	1.13	1.14	-1.64	-1.64	60.31
66	1.14	1.23	-1.82	-1.82	61.18
69	1.23	1.29	-2.08	-2.08	64.5
72	1.12	1.15	-2.46	-2.46	72.52
75	1.15	1.14	-3.4	-3.4	90.81
79	2.67	4.11	-13.89	-13.89	133.74
82	9.4	14.56	-42.48	-42.48	53.43
85	14.5	22.01	-77.29	-77.29	-106.84

Note

- Clean the surface of the product, do not soak the product in cleaning solution for cleaning.
- If the temperature is higher than 125°C, consult with us before ordering.