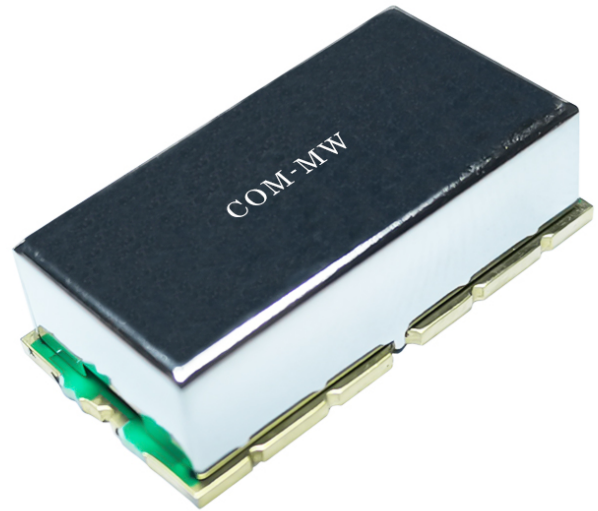


Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband			151	~	163	MHz
Passband IL					3.5	dB
Rejection	131	MHz $\geq$	20			dB
Rejection	187	MHz $\geq$	20			dB
Rejection	DC-115	MHz $\geq$	40			dB
Rejection	200-2000	MHz $\geq$		40		dB
Passband VSWR					1.4	

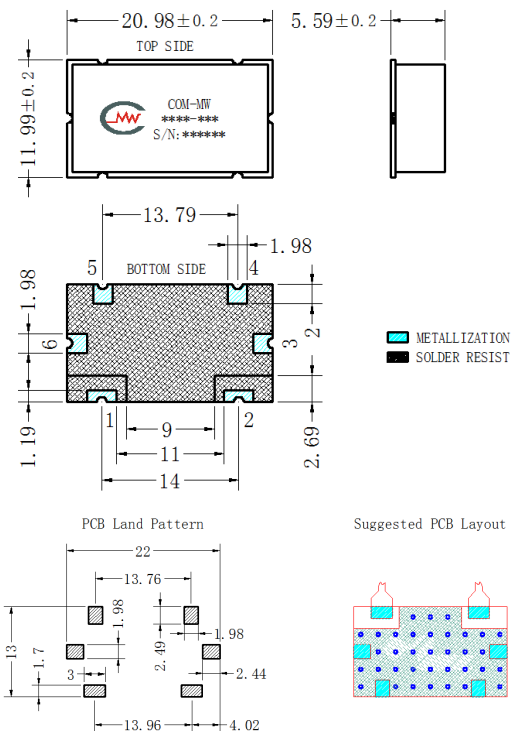
Reference picture



Other parameters

Connector	SMD
Impedance	50 Ω
Power	1W Design assurance
Work Temp.	-40~+85°C Design assurance
Storage Temp.	-55~+100°C Design assurance
Quality Grade	Industrial grade
Other	替代 BPF-B157+

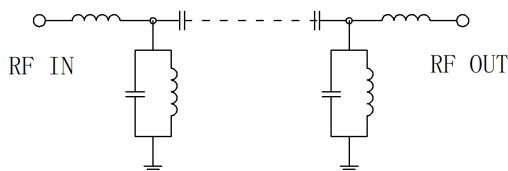
Configuration(mm)



Port Definition

I/O Port	1, 2
GND	3, 4, 5, 6

Functional diagram

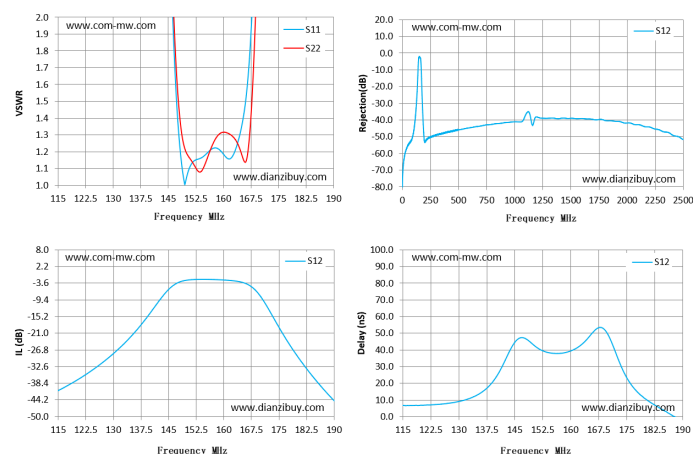


Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

Typical test data

Frequency MHz	S11 VSWR	S22 VSWR	S12 IL (dB)	S12 Delay (ns)
115	84.93	145.24	-40.95	6.67
120	72.36	117.16	-37.39	6.78
126	54.36	81.02	-32.22	7.67
131	38.65	51.09	-26.93	9.61
136	23.5	27.61	-20.39	14.47
142	7.51	8.14	-10.47	31.97
147	1.61	1.77	-3.81	47.33
153	1.15	1.09	-2.33	38.97
158	1.22	1.28	-2.41	38.14
163	1.19	1.28	-2.87	43.43
169	2.79	2.16	-6.63	52.24
174	11.02	9.89	-16.74	27.63
179	22.45	23.58	-27.13	12.41
185	35.94	44.68	-37.33	3.58
190	46.84	66.17	-44.49	-3.5

Typical test curve



Note

1	Please do not wash the product in the cleaning solution.,Please do not wash the product in the cleaning solution.
2	If the temperature is higher than 125°C, consult with us before ordering.