

Product features

Small size, high cost-effectiveness.

Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband			DC	~	45	MHz
Passband IL					1.0	dB
Rejection	70-90	MHz $\geq$	20			dB
Rejection	90-1600	MHz $\geq$	40			dB
Passband VSWR				1.7		

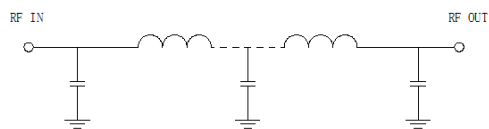
Other parameters

Connector	SMD
Impedance	50 Ω
Power	0.5W Design assurance
Work Temp.	-40~+85°C Design assurance
Storage Temp.	-55~+100°C Design assurance
Quality Grade	Industrial grade
Other	-3dB cutoff frequency 54MHz; Replacing SXLP-45+

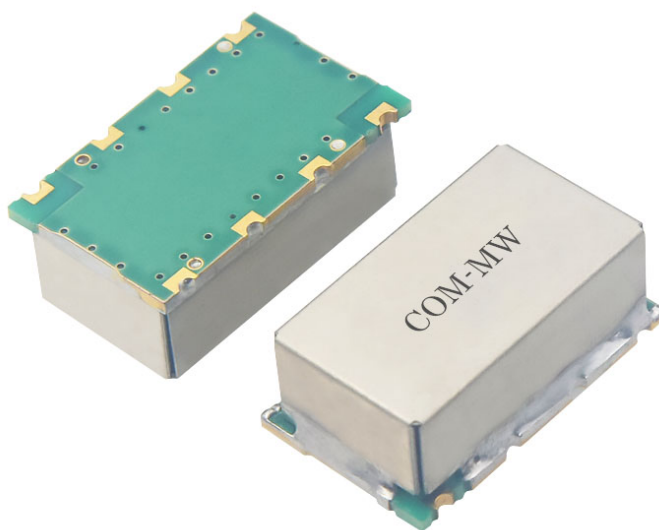
Port Definition

I/O Port	1,8
GND	2, 3, 4, 5,6,7

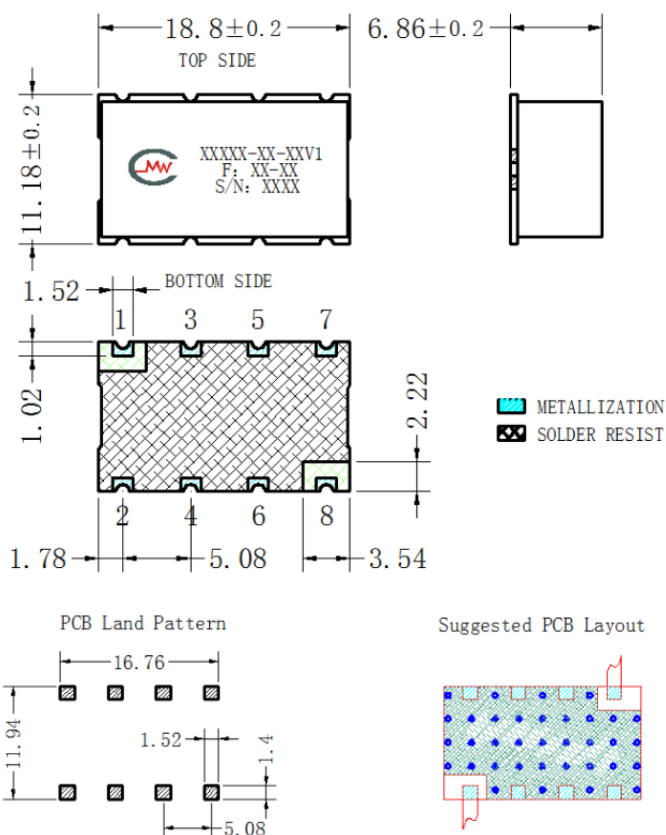
Functional diagram



Reference picture



Configuration(mm)

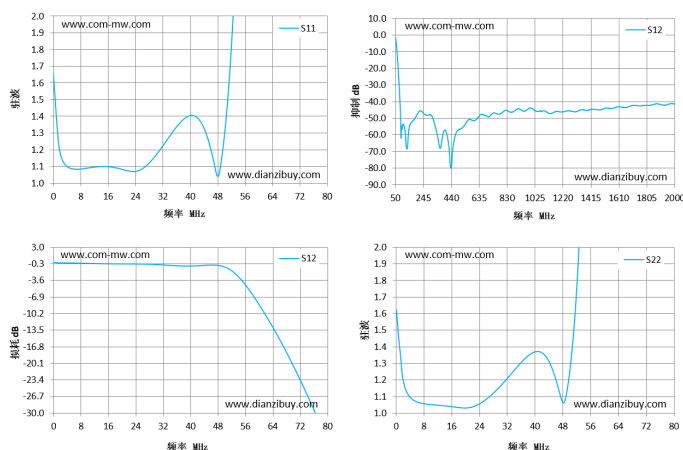


Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

Typical test data

Frequency(MHz)	S11 VSWR	S12 IL dB	S22 VSWR
0.01	1.67	-0.02	1.62
6	1.08	-0.14	1.07
11	1.09	-0.22	1.05
17	1.1	-0.3	1.04
23	1.07	-0.32	1.04
29	1.13	-0.41	1.13
34	1.28	-0.62	1.26
40	1.4	-0.74	1.37
46	1.23	-0.56	1.22
51	1.5	-1.27	1.48
57	5.43	-5.3	7.72
63	5142.25	-11.43	98.56
69	17.33	-19.25	21.76
74	27.46	-26.24	11.24
80	82.65	-35.43	9.1

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	The product supports 190 °C reflow soldering