

Product features

Small size, high cost-effectiveness.

Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband			DC	~	190	MHz
Passband IL					1.0	dB
Rejection	290-390	MHz $\geq$	20			dB
Rejection	390-1000	MHz $\geq$	40			dB
Passband VSWR				1.4		

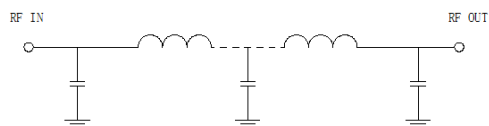
Other parameters

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 210MHz; Replace SXLP-190+

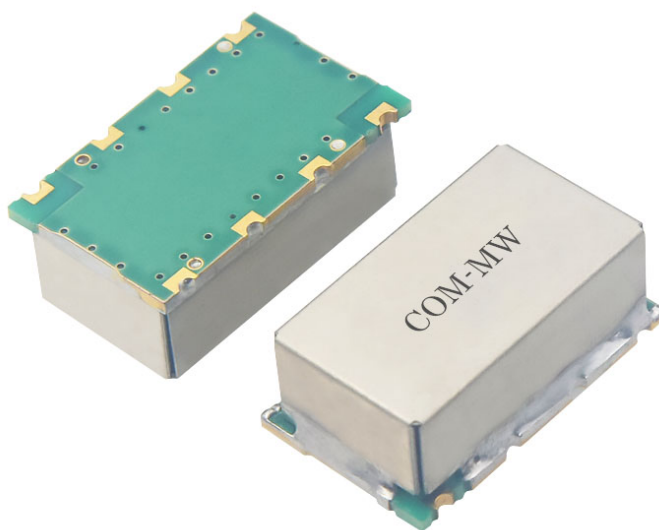
Port Definition

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

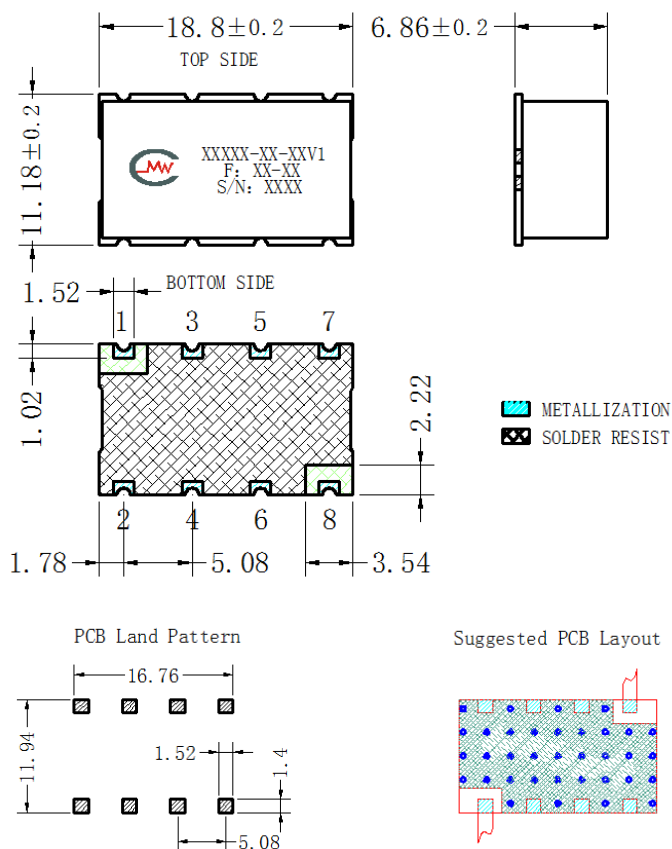
Functional diagram



Reference picture



Configuration(mm)

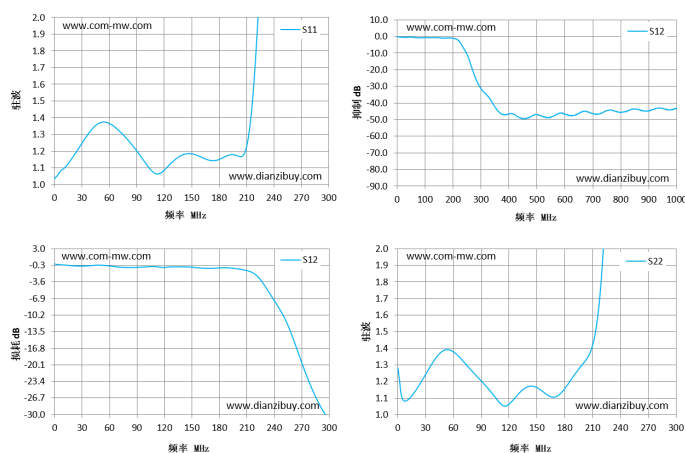


Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

Typical test data

Frequency(MHz)	S11 VSWR	S12 IL dB	S22 VSWR
0.01	1.03	0.02	1.28
21	1.16	-0.35	1.15
43	1.34	-0.27	1.35
64	1.36	-0.47	1.36
86	1.23	-0.7	1.23
107	1.08	-0.51	1.09
129	1.13	-0.57	1.11
150	1.19	-0.63	1.16
171	1.15	-0.87	1.11
193	1.18	-0.8	1.26
214	1.32	-1.49	1.51
236	4.6	-6.13	4.91
257	234.75	-13.1	53.91
279	9.46	-23.45	11.56
300	12.18	-30.89	10.04

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