

Product features

Broadband, small volume.

Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband			DC	~	1100	MHz
Passband IL				0.9		dB
Rejection	1440-8500	MHz ≥	20			dB
Passband VSWR				1.3		

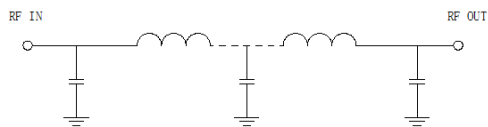
Other parameters

Connector	SMD
Impedance	50Ω
Power	1W Design assurance
Work Temp.	-40~+85°C Design assurance
Storage Temp.	-55~+100°C Design assurance
Quality Grade	Industrial grade
Other	-3dB cutoff frequency 1225MHz; Replacing SXLP-1100+

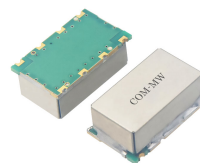
Port Definition

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

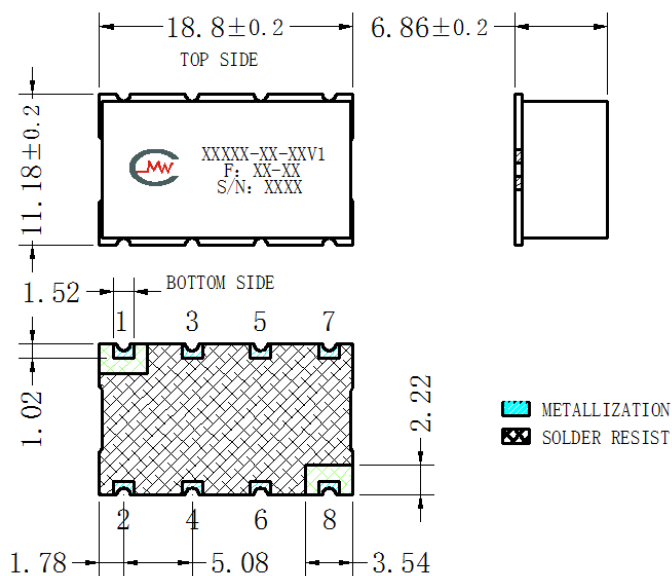
Functional diagram



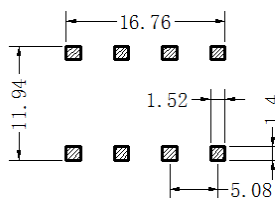
Reference picture



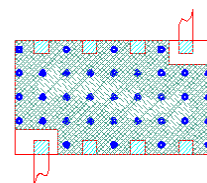
Configuration(mm)



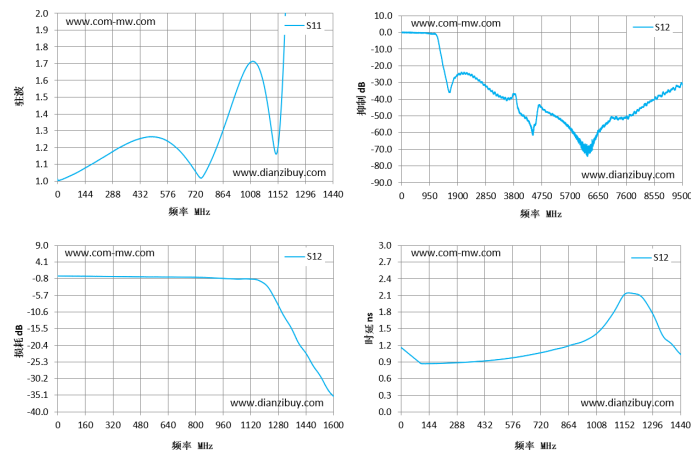
PCB Land Pattern



Suggested PCB Layout



Typical test curve



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	S12 Delay nS
0.01	1.01	-0.01	1.16
103	1.05	-0.06	0.87
206	1.12	-0.11	0.88
309	1.19	-0.17	0.89
411	1.24	-0.22	0.91
514	1.26	-0.27	0.95
617	1.2	-0.3	1
720	1.06	-0.32	1.07
823	1.18	-0.42	1.15
926	1.51	-0.63	1.25
1029	1.71	-0.89	1.48
1131	1.21	-0.94	2.01
1234	4.38	-4.24	2.09
1337	20.14	-13.76	1.46
1440	38.12	-22.68	1.04

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 220 °C reflow soldering.