

Product features

Small size, high cost-effectiveness.

Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	61.9	~	76.5	MHz
Passband IL	/	/			2.2	dB
Rejection	DC-55	MHz $\geq$	20			dB
Rejection	87-3200	MHz $\geq$	20			dB
Passband VSWR	/	/			1.5	

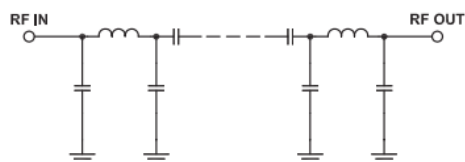
Other parameters

Connector	SMD
Impedance	50 Ω
Power	2W
Work Temp.	-40~+85°C Design assurance
Storage Temp.	-55~+85°C Design assurance
Quality Grade	Industrial grade
Other	Replace SXBP-69+

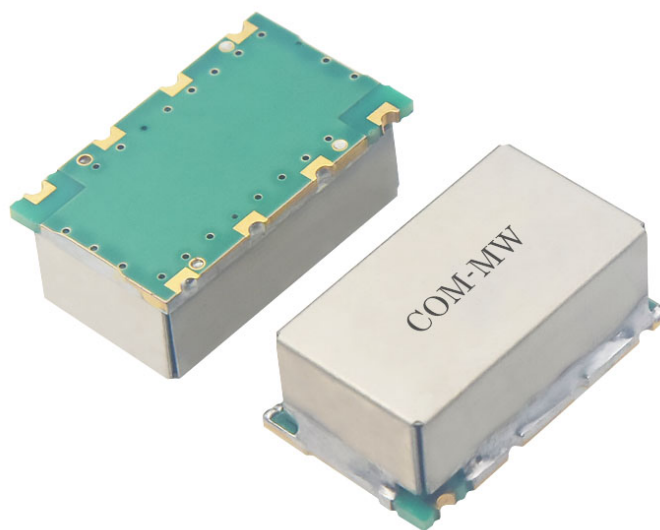
Port Definition

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

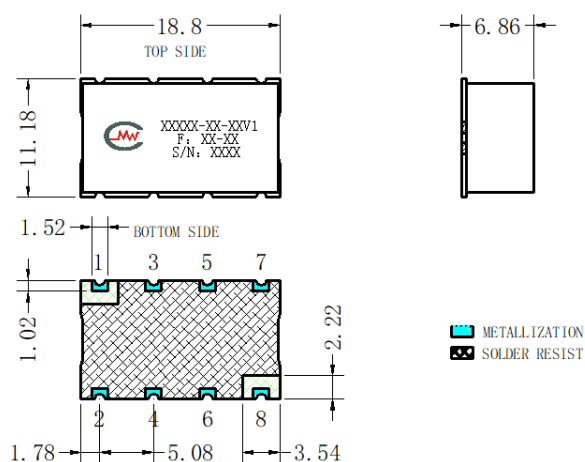
Functional diagram



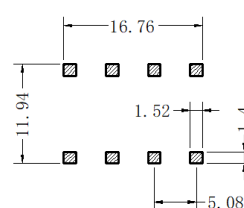
Reference picture



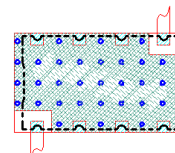
Configuration(mm)



PCB Land Pattern



Suggested PCB Layout

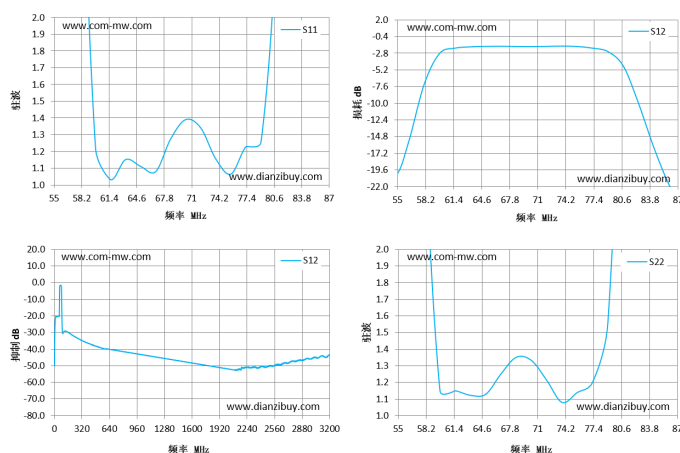


Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

Typical test data

Frequency(MHz)	S11 VSWR	S12 IL dB	S22 VSWR
55	19.27	-20.38	15.53
57	11.47	-15.46	9.17
60	1.22	-2.85	1.15
62	1.03	-2.09	1.15
64	1.15	-1.9	1.12
66	1.11	-1.83	1.13
69	1.28	-1.85	1.35
71	1.39	-1.87	1.33
73	1.34	-1.83	1.21
76	1.07	-1.85	1.14
78	1.23	-2.09	1.2
80	1.26	-2.6	1.56
82	2.51	-4.69	3.91
85	15.86	-16.48	19.47
87	25.27	-21.87	28.2

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