

Product features

Small size, high cost-effectiveness.

Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	2050	~	2250	MHz
Passband IL	/	/			5	dB
Rejection	DC-950	MHz $\geq$	20			dB
Rejection	2675-5000	MHz $\geq$	20			dB
Passband VSWR	/	/			1.5	

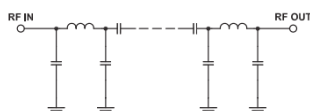
Other parameters

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-2150+

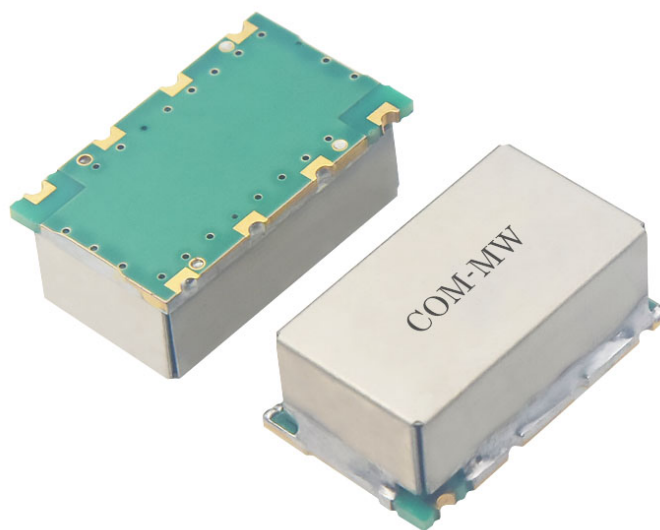
Port Definition

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

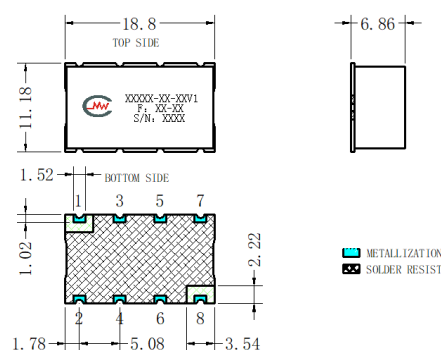
Functional diagram



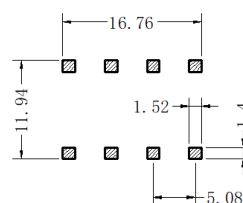
Reference picture



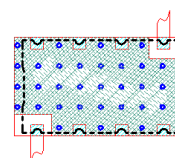
Configuration(mm)



PCB Land Pattern



Suggested PCB Layout

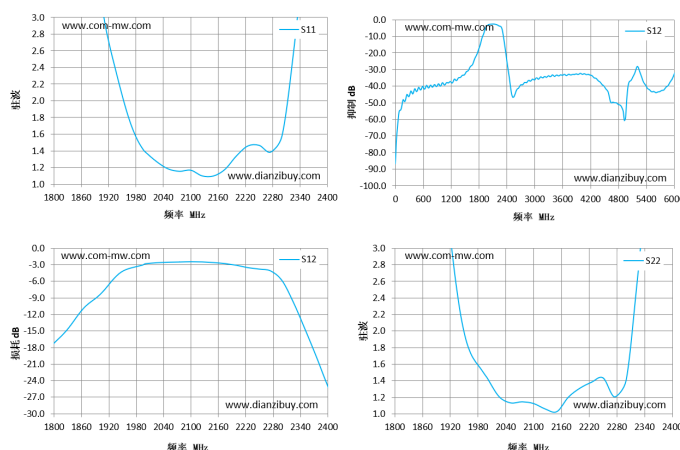


Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

Typical test data

Frequency(MHz)	S11 VSWR	S12 IL dB	S22 VSWR
1800	7.57	-17.57	5.94
1843	5.82	-13.86	7.37
1886	4.84	-9.81	4.54
1929	2.67	-6.46	3.05
1971	1.8	-3.72	1.73
2014	1.39	-2.83	1.43
2057	1.18	-2.56	1.13
2100	1.17	-2.47	1.12
2143	1.1	-2.5	1.06
2186	1.18	-2.8	1.2
2229	1.46	-3.54	1.38
2271	1.47	-3.8	1.43
2314	1.58	-5.9	1.41
2357	3.92	-14.64	4.02
2400	4.56	-24.97	5.73

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