

Product features

Small size, high cost-effectiveness.

Main specifications

Parameters	Frequency		Min	Typical	Max	Units
Passband			55	~	85	MHz
Passband IL					2	dB
Rejection	DC-43	MHz $\geq$	40			dB
Rejection	97-500	MHz $\geq$	40			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

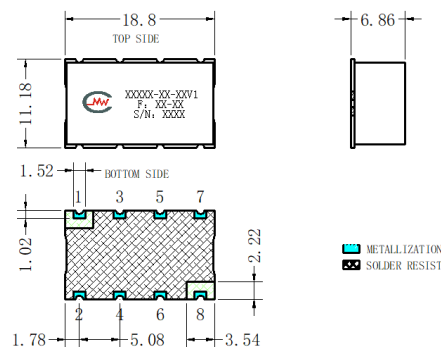
Port Definition

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

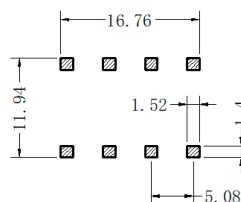
Reference picture



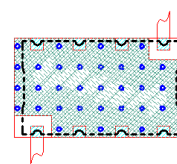
Configuration(mm)



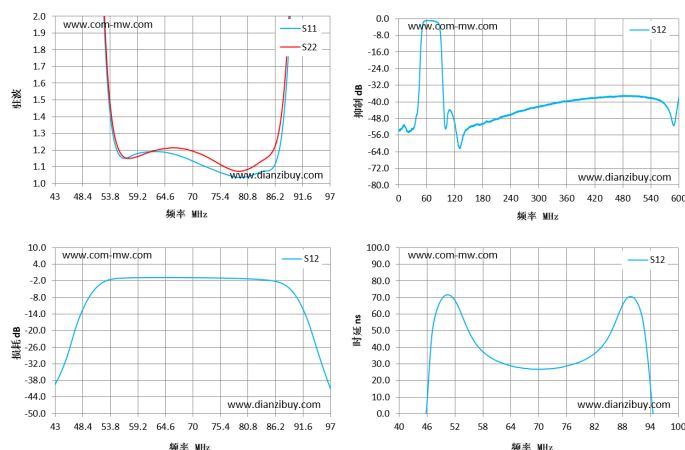
PCB Land Pattern



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	S22 VSWR	S12 IL dB	S12 Delay nS
43	23.32	31.02	-40.1	-30.12
47	14.44	15.12	-19.62	42.87
51	3.98	4	-4.74	71.15
55	1.21	1.25	-1.23	49.56
58	1.17	1.15	-0.98	37.4
62	1.19	1.19	-0.89	30.73
66	1.18	1.21	-0.9	27.64
70	1.13	1.19	-0.93	26.6
74	1.08	1.14	-1.01	27.41
78	1.04	1.08	-1.15	30.02
82	1.05	1.1	-1.43	35.76
85	1.08	1.16	-1.86	45.33
89	1.85	2	-4.72	69.13
93	6.54	5.63	-18.45	46.37
97	14.31	9.28	-40.84	-35.67

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