

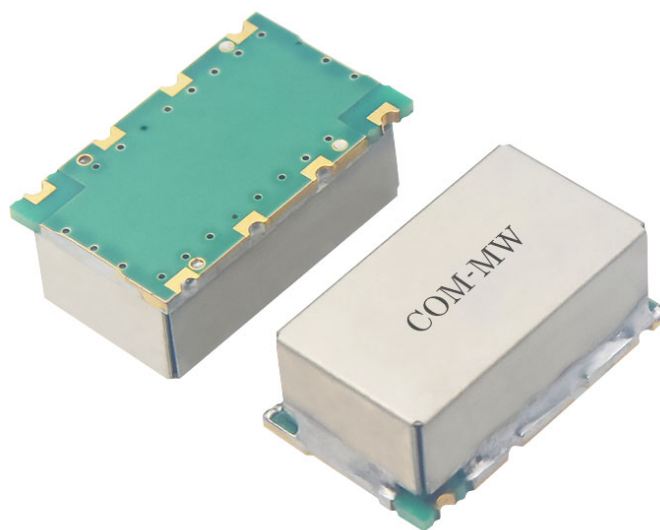
Product features

Small size, high cost-effectiveness.

Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	663	~	723	MHz
Passband IL	/	/			3	dB
Rejection	DC-420	MHz $\geq$	40			dB
Rejection	420-565	MHz $\geq$	27			dB
Rejection	800-850	MHz $\geq$	20			dB
Rejection	850-4000	MHz $\geq$	40			dB
Passband VSWR	/	/			1.5	

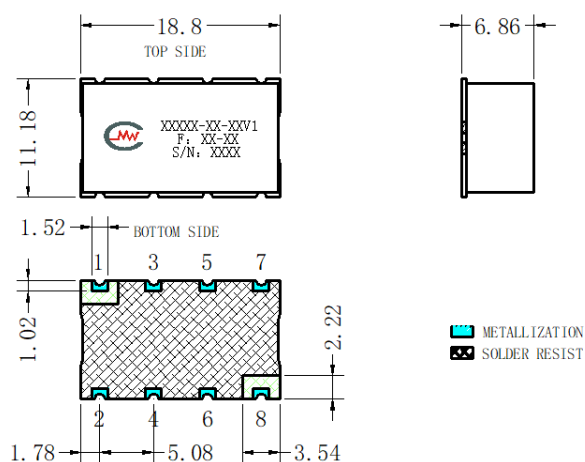
Reference picture



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-693+

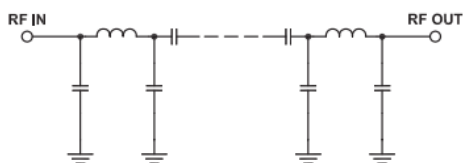
Configuration(mm)



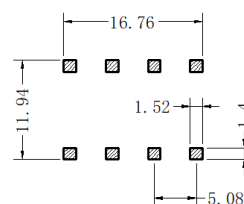
Port Definition

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

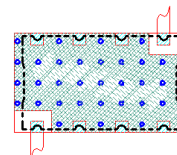
Functional diagram



PCB Land Pattern



Suggested PCB Layout

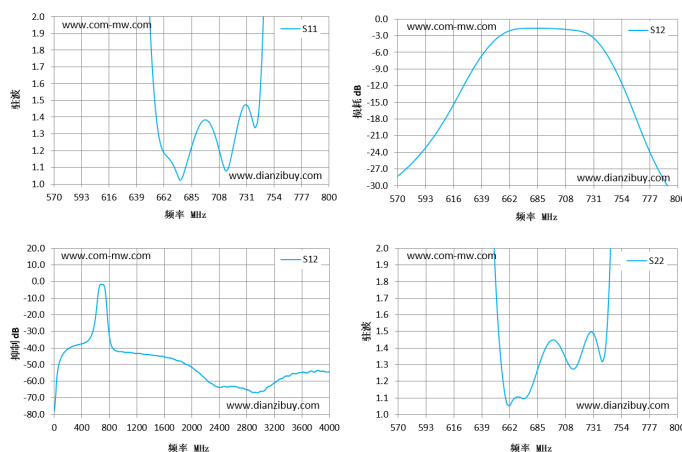


Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

Typical test data

Frequency(MHz)	S11 VSWR	S12 IL dB	S22 VSWR
603	44	-20.8	35.85
619	26.23	-15.08	23.1
636	8.27	-8.04	7.67
652	1.92	-3.68	1.77
669	1.13	-1.74	1.11
685	1.2	-1.62	1.26
701	1.37	-1.71	1.44
718	1.09	-2	1.28
734	1.44	-3.95	1.43
751	3.39	-9.38	3.51
767	15.39	-17.5	16.24
784	31.98	-26.74	31.39

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