

Product features

Small size, high cost-effectiveness.

Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband			410	~	470	MHz
Passband IL					3	dB
Rejection	DC-200	MHz $\geq$	30			dB
Rejection	320	MHz $\geq$	20			dB
Rejection	650	MHz $\geq$	20			dB
Rejection	850-1500	MHz $\geq$	30			dB
Passband VSWR				1.3	2.0	

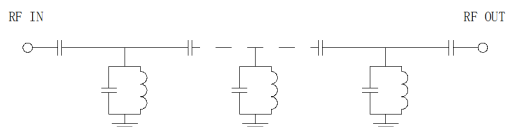
Other parameters

Connector	SMD
Impedance	50 Ω
Power	0.5W Design assurance
Work Temp.	-40~+85°C Design assurance
Storage Temp.	-55~+100°C Design assurance
Quality Grade	Industrial grade
Other	Replace RBP-440+

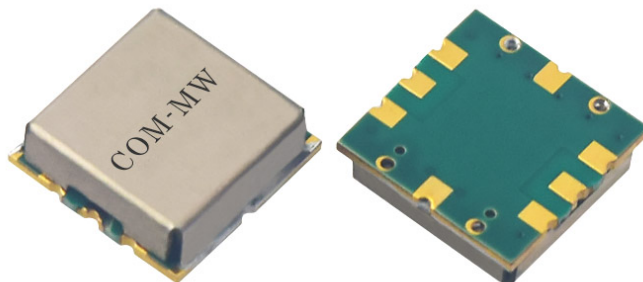
Port Definition

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

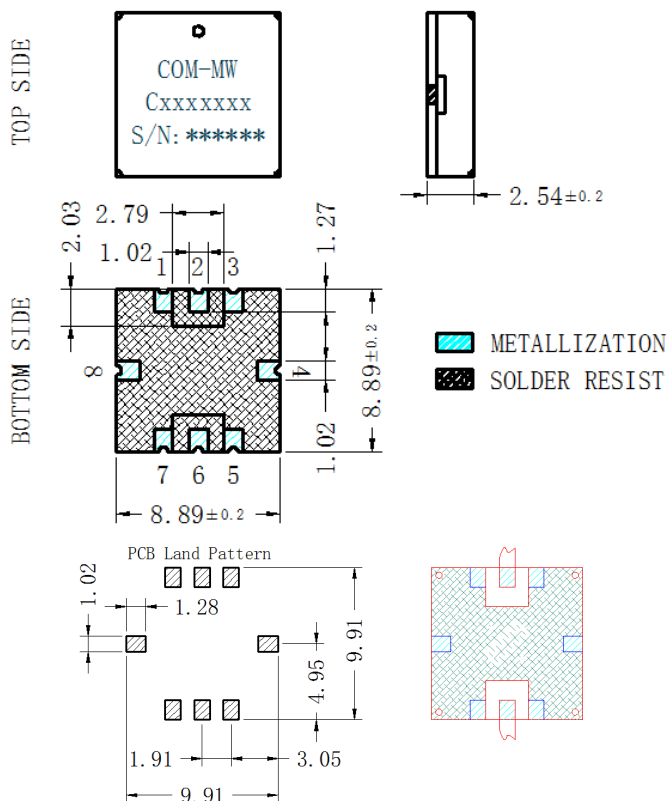
Functional diagram



Reference picture



Configuration(mm)

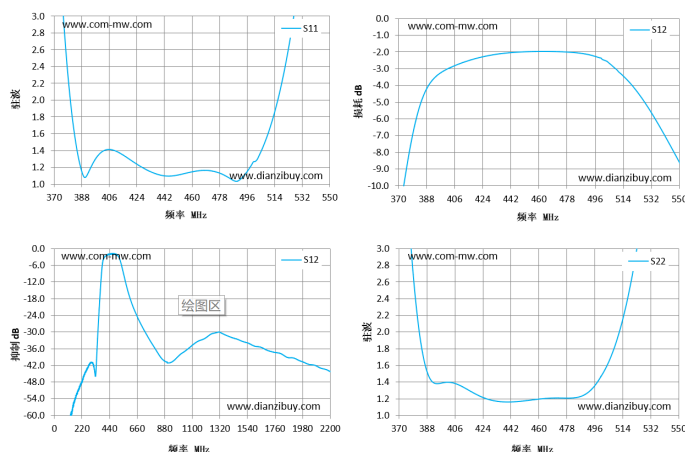


Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

Typical test data

Frequency(MHz)	S11 VSWR	S12 IL dB	S22 VSWR
370	5	-12.32	5.58
383	1.65	-5.52	2.02
396	1.27	-3.32	1.38
409	1.4	-2.71	1.36
421	1.28	-2.35	1.24
434	1.14	-2.11	1.17
447	1.1	-2	1.17
460	1.15	-1.96	1.2
473	1.16	-1.97	1.21
486	1.06	-2.06	1.22
499	1.23	-2.33	1.43
511	1.62	-3.06	1.9
524	2.7	-4.46	3.09
537	4.43	-6.26	5.04
550	7.41	-8.58	8.36

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