

Main specifications

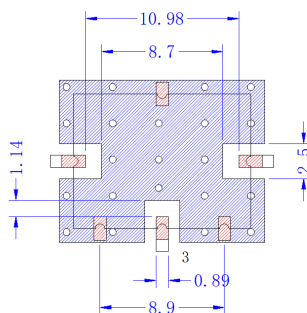
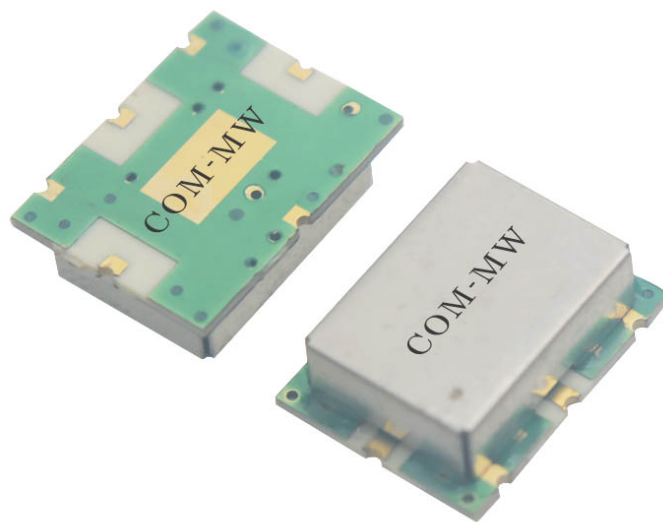
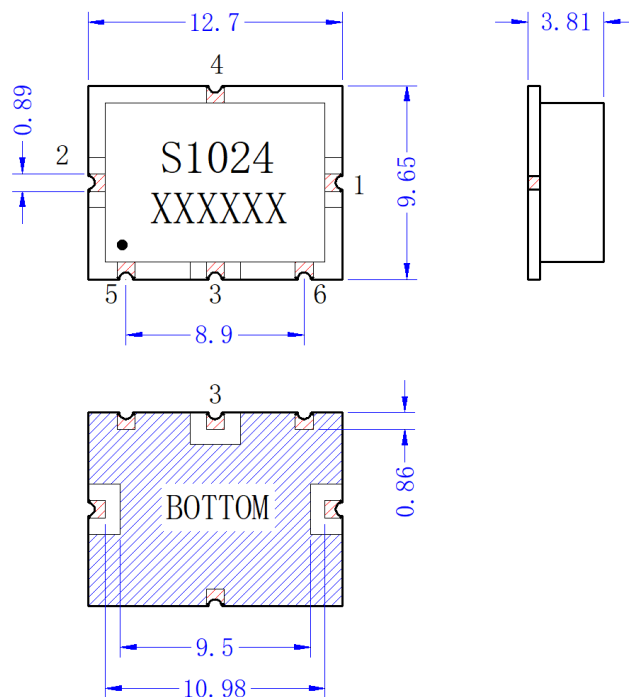
Parameters	Min	Typical	Max	Units
Frequency	DC	~	6800	MHz
IL		11		dB
Isolation	17	19		dB
Input VSWR		1.3	1.6	
Output VSWR		1.5	2.2	
Amplitude balance		0.3	0.7	dB
Phase balance		3	6	°

Other parameters

Power Capacity	0.5W Design assurance
X-Way	2-way
Phase	0°
Impedance	50Ω
Connector	SMD
Operation Temp.	-40~+85°C Design assurance
Storage Temp.	-55~+100°C Design assurance
Other	/

Port Definition

Common port	3
Dispatch Port	1、2
GND	4、5、6

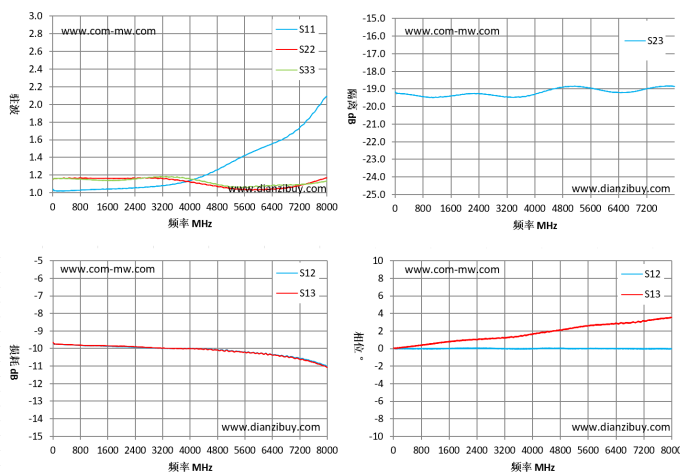
Suggested PCB Layout**Reference picture****Configuration(mm)**

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	S22 VSWR	S13 IL dB	S23 ISO dB	S13 Phase (°)
0.01	1.04	1.15	-9.6 5	-19.1 7	0.03
571	1.03	1.16	-9.7 9	-19.3 7	0.26
1143	1.04	1.16	-9.8 4	-19.4 8	0.55
1714	1.04	1.16	-9.8 6	-19.3 8	0.83
2286	1.05	1.16	-9.8 9	-19.2 7	1.03
2857	1.07	1.17	-9.9 5	-19.3 7	1.15
4000	1.14	1.12	-10. 01	-19.3 1	1.64
4571	1.22	1.09	-10. 04	-18.9 9	1.99
5714	1.44	1.04	-10. 22	-19	2.64
6286	1.54	1.04	-10. 36	-19.2	2.81
6857	1.64	1.06	-10. 49	-19.1 5	2.97
7429	1.82	1.1	-10. 69	-18.9 1	3.25

Typical test curve



Note

1	Clean the surface of the product, do not soak the product in cleaning solution for cleaning.
2	The product supports 190 °C reflow soldering