

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	1000	~	3000	MHz
IL		0.8	1.9	dB
Isolation	15	18		dB
VSWR		1.9		
Amplitude balance			0.9	dB
Phase balance			5	°

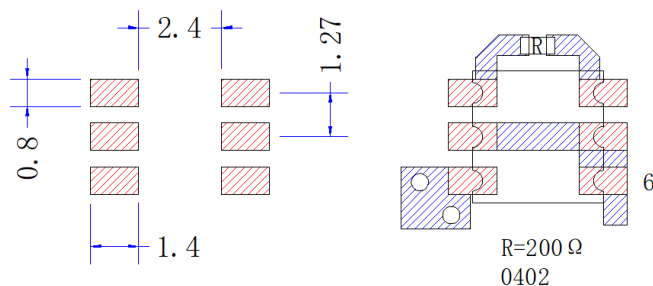
Other parameters

Power Capacity	1W 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
Quality Grade	Industrial grade
Other	/

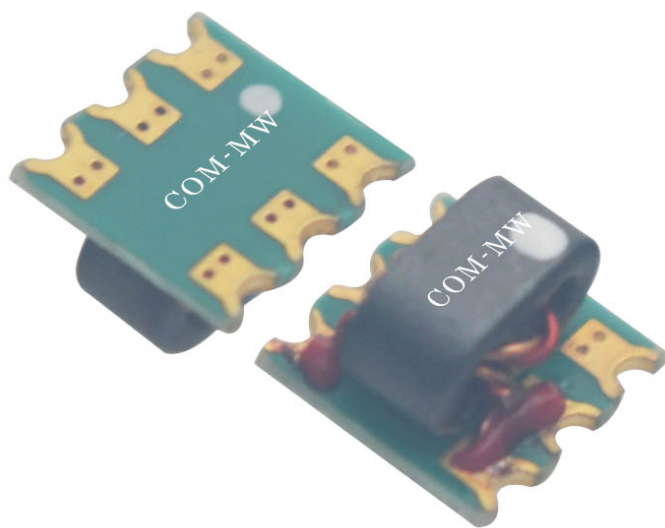
Port Definition

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

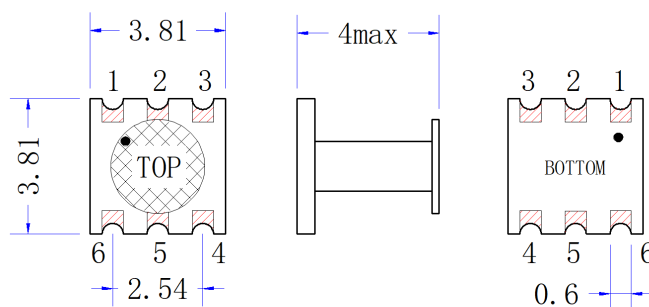
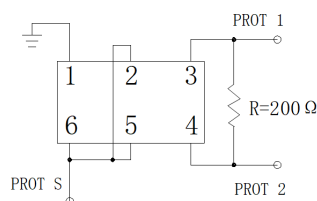
Suggested PCB Layout



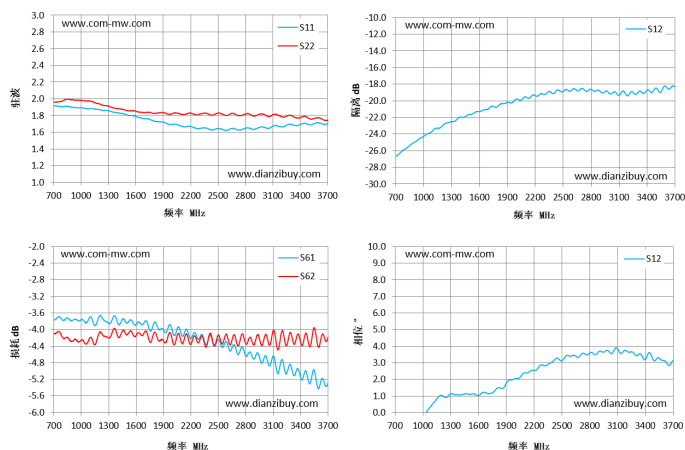
Reference picture



Configuration(mm)

Tolerance: $\pm 0.3\text{mm}$ 

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

Typical test curve**Typical test data**

Frequency(MHz)	S11 VSWR	S6 1 IL	S6 2 IL	S12 ISO dB	S12 Phase (°)
700	1.92	-3.7 7	-4.0 9	-26.79	-1.55
914	1.9	-3.7 7	-4.2 6	-24.94	-0.69
1129	1.88	-3.8 3	-4.3	-23.37	0.68
1343	1.84	-3.7 3	-4.0 3	-22.42	1.07
1557	1.8	-3.8	-4.0 7	-21.4	1.1
1771	1.75	-4	-4.2 5	-20.82	1.29
1986	1.69	-3.9 5	-4.1 5	-19.88	2.02
2200	1.67	-4.2 3	-4.3 6	-19.39	2.52
2414	1.63	-4.1 4	-4.0 8	-19.02	3.14
2629	1.64	-4.5 2	-4.3 7	-18.63	3.45
2843	1.65	-4.5 5	-4.1 8	-18.9	3.51
3057	1.65	-4.8 8	-4.3 7	-18.97	3.69
3271	1.7	-4.8 9	-4.1 7	-19.25	3.59
3486	1.7	-5.2 5	-4.3 2	-18.58	3.15
3700	1.7	-5.3 1	-4.2	-18.36	3.13

Note

1	Clean the surface of the product, do not soak the product in cleaning solution for cleaning.
2	The product supports 260 °C reflow soldering.

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