

Main specifications

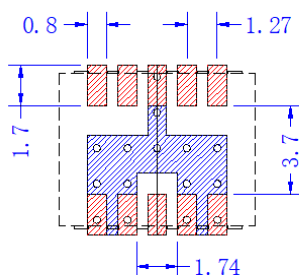
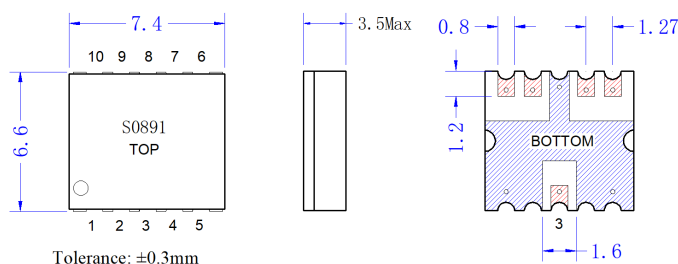
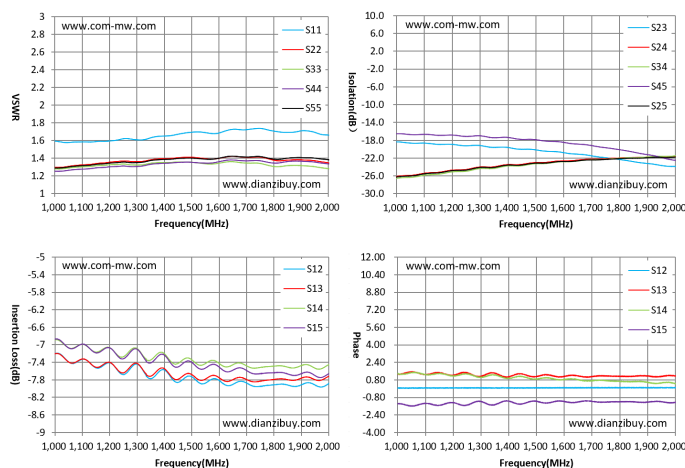
Parameters	Min	Typical	Max	Units
Frequency	1000	~	2000	MHz
IL		1.8	2.2	dB
Isolation	10	15		dB
Input VSWR		1.7	2	
Output VSWR		1.4	1.6	
Amplitude balance		0.5	0.9	dB
Phase balance		5	8	°

Other parameters

Power Capacity	2W
X-Way	4-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	3
Dispatch Port	6, 7, 9, 10
GND	1, 2, 4, 5, 8

Suggested PCB Layout**Reference picture****Configuration(mm)****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 260 °C reflow soldering.

Typical test data

F(MHz)	S12 IL	S23 ISO	S11 VSWR	S22 VSWR
1000	-7.21	-18.3	1.59	1.29
1150	-7.52	-18.9	1.59	1.34
1300	-7.41	-19.1	1.61	1.35
1400	-7.51	-19.5	1.65	1.39
1500	-7.72	-20.1	1.69	1.41
1600	-7.83	-20.8	1.68	1.4
1800	-7.91	-22.3	1.71	1.38
1900	-7.76	-23.2	1.72	1.39
2000	-7.87	-23.9	1.66	1.34

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