

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	DC	~	6000	MHz
IL		16		dB
Isolation		18		dB
Input VSWR		1.6		
Output VSWR		1.6		
Amplitude balance		0.7	1.5	dB
Phase balance		5	10	°

Reference picture

Configuration(mm)

Typical test curve

Note

- | | |
|---|--|
| 1 | The product supports 190 °C reflow soldering |
|---|--|

Other parameters

Power Capacity	0.5W Design assurance
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

Port Definition

Common port	2
Dispatch Port	5、7、9、11
GND	1、3、4、6、8、10、12

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 VS WR	S22 VS WR	S1 2 IL dB	S23 ISO dB	S14 Pha se (°)	S15 Pha se (°)
1	1.0 2	1.3 5	-15 .8	-17. 78	-0.0 1	0.01
500	1.0 3	1.3 5	-15 .88	-17. 88	-0.2 3	0.43
1500	1.0 5	1.3 4	-15 .96	-18. 12	-1.2 3	0.72
2000	1.0 6	1.3 3	-15 .95	-18. 31	-1.5	1.05
3000	1.0 8	1.3	-15 .87	-18. 56	-1.3 9	2.15
3500	1.0 8	1.2 8	-15 .84	-18. 6	-1.5 7	2.34
4000	1.0 6	1.2 5	-15 .77	-18. 67	-1.9 7	2.35
5000	1.0 1	1.1 6	-15 .64	-18. 95	-2.0 2	3.17
5500	1.0 5	1.1 1	-15 .67	-19. 05	-1.7 9	3.7
6000	1.0 9	1.0 7	-15 .73	-19. 07	-2.1 9	3.88
7000	1.1 7	1.0 9	-15 .71	-19. 24	-3.8 2	3.97

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