

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	200	~	700	MHz
IL			1.5	dB
Isolation	20			dB
Input VSWR			1.35	
Output VSWR			1.5	
Amplitude balance			0.4	dB
Phase balance			±5	°

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 220 °C reflow soldering.

Other parameters

Power Capacity	2W Design assurance
way	6-way
Phase	0°
Impedance	50Ω
Connector	SMD
Operation Temp.	-45~+85°C Design assurance
Storage Temp.	-55~+100°C Design assurance
Quality Grade	Industrial grade

Port Definition

Common port	2
Dispatch Port	4, 6, 8, 10, 12, 14
GND	Other

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 VSW R	S22 VSW R	S12 IL (dB)	S13 Phas e (°)	S23 ISO dB
50	1.56	1.45	-8.29	-0.38	-24.27
107	1.29	1.29	-8.28	-0.68	-25.97
164	1.2	1.23	-8.24	-0.95	-26.72
221	1.16	1.19	-8.25	-1.19	-27.46
336	1.1	1.12	-8.31	-1.63	-28.84
393	1.09	1.09	-8.34	-1.82	-29.61
450	1.08	1.06	-8.38	-2	-30.51
507	1.06	1.04	-8.41	-2.13	-31.64
564	1.05	1.02	-8.46	-2.22	-33.22
679	1.03	1.02	-8.58	-2.3	-40.61
736	1.02	1.05	-8.66	-2.27	-49.39
793	1	1.1	-8.78	-2.19	-37.56
850	1.02	1.18	-8.94	-2	-30.93

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