

COM-MW TECHNOLOGY

500~3000MHz, 200W, 90°Hybrid, SMD, Industrial grade, /

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	500	~	3000	MHz
IL			0.6	dB
Isolation	14.5	18		dB
VSWR		1.3	1.4	
Amplitude balan ce			±0.8	dB
Phase balance			±5	o

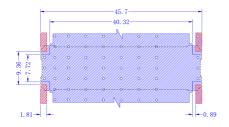
Other parameters

Power Capacity	200W
Phase	90° Hybrid
Impedance	50Ω
Connector	SMD
Operation Temp .	-40~+85°C Design assurance
Storage Temp.	-55~+100°C Design assurance
Quality Grade	Industrial grade
Other	/

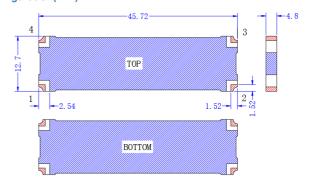
Port Definition

IN	1	2	3	4
ISO	2	1	4	3
0°	3	4	1	2
-90°	4	3	2	1

Suggested PCB Layout

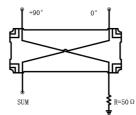


Configuration(mm)



Tolerance: ± 0.3 mm

Electrical Schematic



Port Function Configurations

SUM	ISOLATION	0°	90°
1	2	3	4
2	1	4	3
3	4	1	2
4	3	2	1

Note

1	Clean the surface of the product, do not soak the product in cleanin g solution for cleaning.
2	The product supports 220 °C reflow soldering.

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