

COM-MW TECHNOLOGY

100~520MHz, 10W, 90°Hybrid, SMD

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	100	~	520	MHz
IL			0.8	dB
Isolation	20			dB
VSWR			1.3	
Amplitude balan ce			±0.5	dB
Phase balance			±4	o

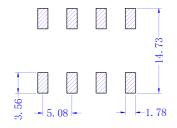
Other parameters

Power Capacity	10W Design assurance
Phase	90° Hybrid
Impedance	50Ω
Connector	SMD
Operation Temp	-40~+85°C Design assurance
Quality Grade	Industrial grade

Port Definition

IN	1	 	
ISO	2	 	
0°	7	 	
+90°	8	 	
GND	3,4,5,6	 	

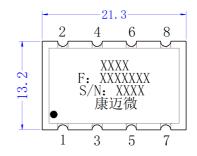
Suggested PCB Layout

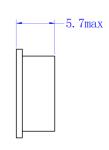


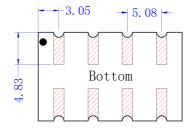
Reference picture



Configuration(mm)







Note

1	Short term soaking and cleaning, please dry in a timely manner.
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.