

Main specifications

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

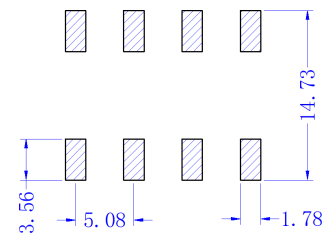
Other parameters

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

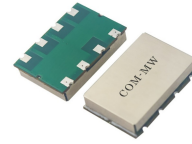
Port Definition

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

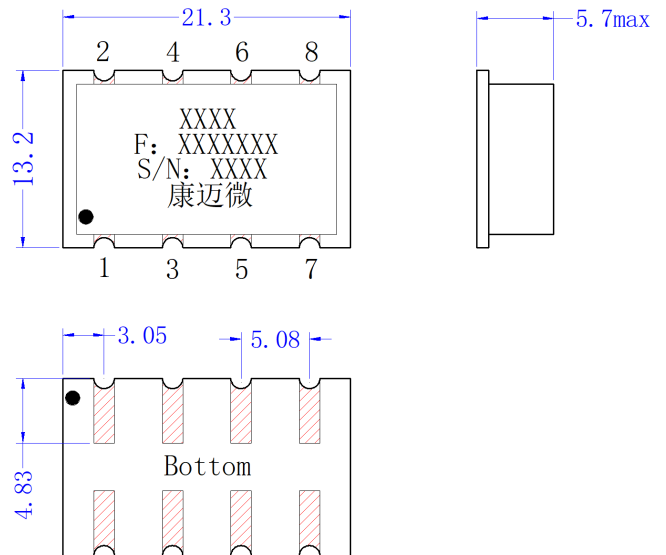
Suggested PCB Layout



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.