

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	225	~	680	MHz
IL			0.3	dB
Isolation	20	22		dB
VSWR		1.2	1.25	
Amplitude balance			±1	dB
Phase balance			±2.5	°

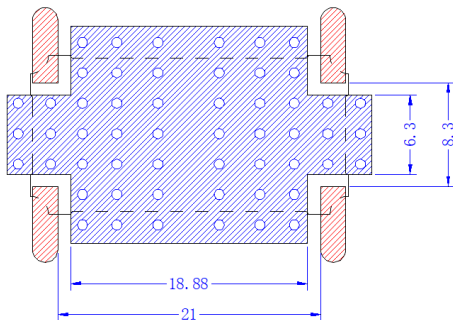
Other parameters

Power Capacity	300W
Phase	90° Hybrid
Impedance	50Ω
Connector	SMD
Operation Temp.	-45~+85°C Design assurance
Storage Temp.	-55~+100°C Design assurance
Quality Grade	Industrial grade

Port Definition

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

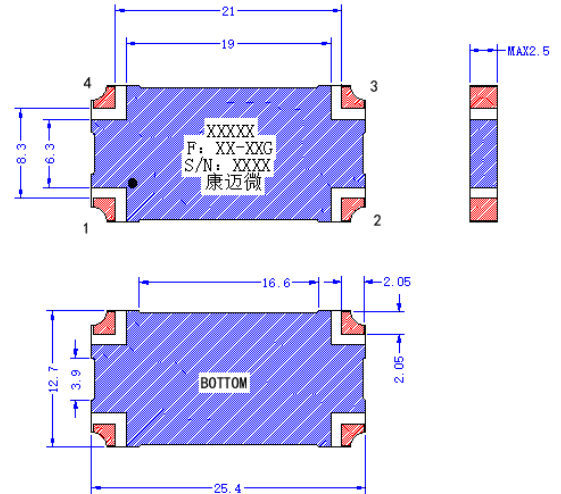
Suggested PCB Layout



Reference picture



Configuration(mm)



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.