

### Features

- It can realize the customized design scheme
- High Rejection
- Low Insertion Loss

### Typical Applications

- Wireless Infrastructure
- 5G communication
- Test and measurement Instrument



### Environmental Specifications

Parameter	Min.	Typ.	Max.	Units
Pass band frequency	DC-5805&5975-8000			MHz
Insertion Loss			2.5	dB
VSWR			1.7	: 1
Stop band frequency	5855		5925	MHz
Stop band rejection	45			dB
Power Rating	Power	1		W
Impedance	50			Ohms
Weight	NA			Ounces
Input / Output Connectors	SMA – Female			
Material	Aluminum			
Finish	Oxidation sandblasting			

Environmental Specifications	
Operational Temperature(°C)	-40°C~+70°C
Storage Temperature (°C)	-55°C~+85°C
Altitude	30,000 ft. (Epoxy Sealed Controlled environment)
	60,000 ft. 1.0psi min (Hermetically Sealed Un-controlled environment)
Vibration	25gRMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35°C, 95%RH at 40°C
Shock	20G for 11msec half sine wave,3 axis both directions

**Outline Drawing:**

All Dimensions in mm (inches)Outline

Outline Tolerances ±0.5(0.02)

Mounting Holes Tolerances ±0.2(0.008)

