

Features

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



Typical Applications

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

Electrical&Mechanical Specifications

Parameter		Min.	Typ.	Max.	Units
Pass band frequency		2.2		3.0	GHz
Insertion Loss				1.8	dB
VSWR				1.8	: 1
Stop band frequency		3.3		12.75	GHz
Stop band rejection		50			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 $\pm 0.5(0.02)$

Mounting Holes Tolerances $\pm 0.2(0.008)$

