

Features

- It can realize the customized design scheme
- Excellent amplitude and phase consistency
- Low loss and High isolation

Typical Applications

- Mobile communication field
- GSM,LTE,5G
- Satellite radar, electronic countermeasures
- Test equipment



Electrical&Mechanical Specifications				
Parameter	Min.	Typ.	Max.	Units
Frequency Range	0.3		6	GHz
Insertion Loss		8	8.5	dB
Isolation	20			dB
Input VSWR			1.3	: 1
Output VSWR			1.2	: 1
Amplitude Imbalance			0.3	dB
Phase Imbalance			4	deg
Power Rating	Forward Power	20		
	Reverse Power	1		
	Peak Power	200 (10% Duty Cycle, 1 us Pulse Width)		
Impedance		50		
Weight		NA		
Input / Output Connectors		S M A – Female		
Material		Aluminum		
Finish		Oxidation sandblasting		

Environmental Specifications

Operational Temperature	-40°C~+85°C
Storage Temperature	-50°C~+105°C
Altitude	30,000 ft. (Epoxy Sealed Controlled environment)
	60,000 ft. 1.0psi min (Hermetically Sealed Un-controlled environment) (Optional)
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 Tolerances $\pm 0.5(0.02)$

Mounting Holes Tolerances $\pm 0.2(0.008)$

