

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 | | 0.9 | | 2.2 | GHz | |
| Insertion Loss | | | | 8.8 | dB | |
| Isolation | | | | 18 | dB | |
| Input VSWR | | | | 1.5 | : 1 | |
| Output VSWR | | | | 1.3 | : 1 | |
| Amplitude Imbalance | | | | 0.4 | dB | |
| Phase Imbalance | | | | 5 | deg | |
| Power Rating | Forward Power | 20 | | | | W |
| | Reverse Power | 1 | | | | |
| | Peak Power | 200 (10%DutyCycle,1usPulseWidth) | | | | |
| Impedance | | 50 | | | | Ohms |
| Weight | | NA | | | | Ounces |
| 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 $\pm 0.2(0.008)$

