

## Features

- It can realize the customized design scheme
- Stable performance over temperature
- 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           |               | 7                                                        |      | 16   | GHz    |
| Insertion Loss            |               |                                                          |      | 0.3  | dB     |
| Isolation                 |               | 25                                                       |      |      | dB     |
| VSWR                      |               |                                                          |      | 1.2  | : 1    |
| Bandwidth                 |               | 500                                                      |      |      | MHz    |
| Rotation                  |               | Clockwise (Standard)    Counter Clockwise (upon request) |      |      |        |
| Power Rating              | Forward Power | 10                                                       |      |      | W      |
|                           | Reverse Power | 1                                                        |      |      |        |
| Impedance                 |               | 50                                                       |      |      | Ohms   |
| Weight                    |               | NA                                                       |      |      | ounces |
| Input / Output Connectors |               | S M A – Female                                           |      |      |        |
| Material                  |               | Aluminum                                                 |      |      |        |
| Finish                    |               | Nickel Plated                                            |      |      |        |

### Environmental Specifications

|                         |                                                                                  |
|-------------------------|----------------------------------------------------------------------------------|
| Operational Temperature | -40°C~+70°C                                                                      |
| Storage Temperature     | -40°C~+85°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  $\pm 0.2(0.008)$

