

## 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                     |      | 1.0  | GHz    |
| Insertion Loss            |       |                        |      | 3.0  | dB     |
| VSWR                      |       |                        |      | 1.5  | : 1    |
| Stop band frequency       |       | 1.4                    |      | 8.0  | GHz    |
| Stop band rejection       |       | 50                     |      |      | dB     |
| Power Rating              | Power | 10                     |      |      | 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  $\pm 0.2(0.008)$

