

## Features

Ultra Wide Band

Low Insertion Loss

High Isolation

Rush Delivery

Fast Response

Customization Available Upon Request

## Electrical Specifications

| Parameter                 |               | Min.        | Typ. | Max. | Unit  |
|---------------------------|---------------|-------------|------|------|-------|
| Frequency                 |               | 0.8         | -    | 2.5  | GHz   |
| Insertion Loss            |               | -           | 0.8  | 1    | dB    |
| Isolation                 |               | 20          | 22   | -    | dB    |
| Input VSWR                |               | -           | -    | 1.4  | --    |
| Output VSWR               |               | -           | -    | 1.25 | --    |
| Amplitude Unbalance       |               | -           | -    | ±0.4 | dB    |
| Phase Unbalance           |               | -           | -    | ±5   | deg   |
| Power Rating              | Forward Power | 30          |      |      | W     |
|                           | Reverse Power | 2           |      |      | W     |
| Impedance                 |               | 50          |      |      | Ohms  |
| Weight                    |               | /           |      |      | Ounce |
| Input / Output Connectors |               | SMA-FEMALE  |      |      |       |
| Finish                    |               | Black Paint |      |      |       |

## Environmental Specifications

|                       |  |
|-----------------------|--|
| Operating Temperature | -45 to +85°C   |
| Storage Temperature   | -55 to +125°C  |
| Altitude              | 30,000ft (Epoxy Sealed Controlled environment)       |
| Vibration             | 25g RMS (15 degrees 2KHz) endurance, 1 hour per axis |
| Humidity              | 100% RH at 35°C 95% RH at 40°C                       |
| Shock                 | 20G for 11msec half sinewave, 3 axis both directions |

## Outline Drawing

Unit: mm [inches]

Outline tolerance:  $\pm 0.2$ [0.008]