

## NBAL-100K-67000

### 100K~67GHz

#### Features:

- \* Broad Band
- \* Low Noise

#### Applications:

- \* Wireless
- \* Receiver
- \* Laboratory Test
- \* Radar

#### Electrical

|                        |                |
|------------------------|----------------|
| Frequency:             | 100K~67GHz     |
| Insertion Loss:        | 10.8dB max.    |
| Nominal Phase Shift:   | 180°           |
| Amplitude Balance:     | ±1.0dB max.    |
| Phase Balance:         | ±6.5° max.     |
| Common Mode Rejection: | 28dB min.      |
| VSWR(COM):             | 1.4 typ.       |
| VSWR(0°/180°):         | 1.8 typ.       |
| Impedance:             | 50Ω            |
| Input Power:           | 1W max.        |
| Group Delay:           | 286±5.0ps typ. |

#### Mechanical

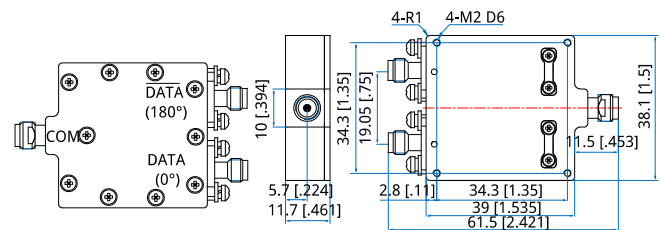
|                     |                                     |
|---------------------|-------------------------------------|
| Size <sup>1</sup> : | 39*38.1*11.7mm<br>1.535*1.5*0.461in |
| Connectors:         | 1.85mm Female                       |
| Mounting:           | 4-M2mm depth 6                      |

[1] Exclude connectors and terminations.

#### Environmental

|                            |           |
|----------------------------|-----------|
| Operation Temperature:     | -40~+70°C |
| Non-operation Temperature: | -40~+85°C |

#### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

#### How To Order

**NBAL-100K-67000**

Customization is available upon request.