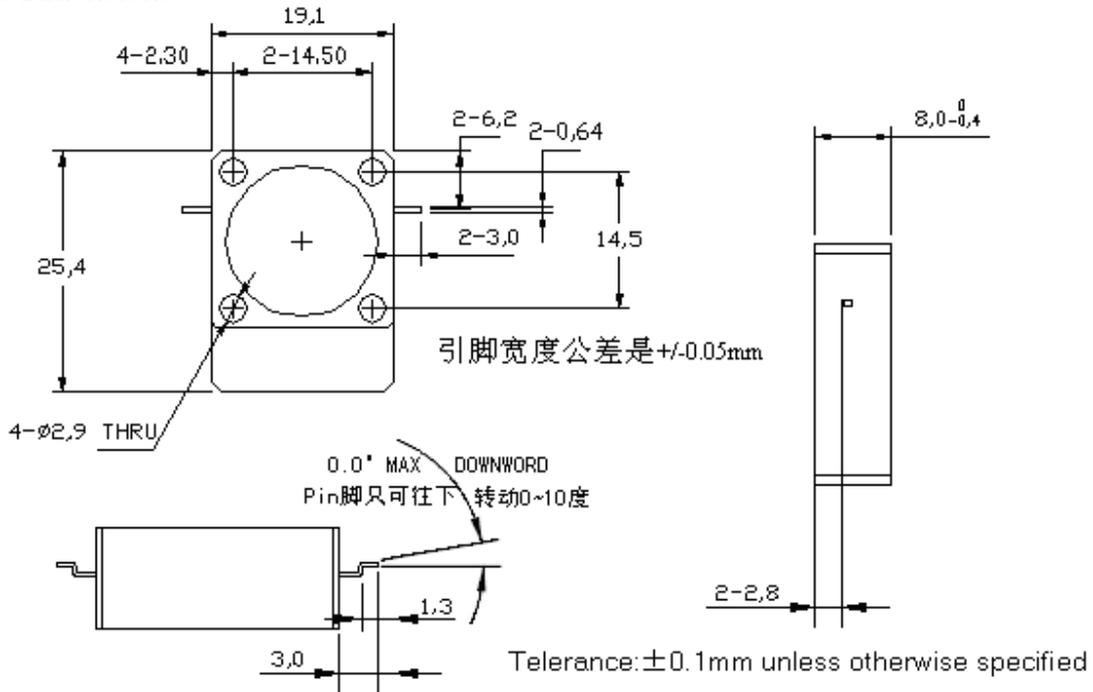


**Features**

- Microwave Circulators and Isolators for base station
- Metal Package for **drop in**
- Lead-free Production and **RoHS** Compliance

**Package Dimensions**



|   |                         |   |     |      |                   |
|---|-------------------------|---|-----|------|-------------------|
| <p><b>Marking</b></p> <p>****</p> <p><b>925-960MHz</b><br/><b>NDI9067</b></p> | Top View, Laser Marking |   |     |      |                   |
|   | "ND":                   | Manufacturer's mark   |     | "I": | Isolator          |
|   | "9067":                 | Part number   |     |      | Conduct Direction |
|   | "I"                     | IN  | "O" | OUT  |                   |
|   |                         | 925-960MHz : operating Frequency Range  |     |      |                   |
|   | "*":                    | Lot number (the first two numbers of years and the last two numbers of weeks) |     |      |                   |

**Maximum Ratings**

| Rating                          |           | Value  | Unit |
|---------------------------------|-----------|--|------|
| Input Power                     | $P_{cw}$  | 180  | W    |
| Peak Power                      | $P_{px}$  | 1200   | W    |
| Reverse Power                   | $P$       | 150  | W    |
| Operating Temperature Range     | $T_A$     | -40 ~ +90<br>At +90°C~+110°C temperature:<br>Power capacity and reliability no<br>Change, other spec. reduce 10% | °C   |
| Storage Temperature Range       | $T_{stg}$ | -40 ~ +110   | °C   |
| IFR Intrinsic Failure Rate FITs | $FIT$     | 5  | Fits |

**Electrical Characteristics**

Reference temperature:  $T_A = 25\text{ }^\circ\text{C}$   
 Terminating source impedance:  $Z_S = 50\ \Omega$   
 Terminating load impedance:  $Z_L = 50\ \Omega$

| Characteristic (-40~+90) |       | Min.      | Typ. | Max. | Unit |
|--------------------------|-------|-----------|------|------|------|
| Center frequency         | $f_c$ | 925       |      | 960  | MHz  |
| Insertion attenuation    | $IL$  | —         |      | 0.30 | dB   |
| Isolation                |       | 22 (30db) |      | —    | dB   |
| Input Return Loss        |       |           |      | 1.17 |      |
| Output Return Loss       |       |           |      | 1.17 |      |

 **RoHS Compliant**

 **Electrostatic Sensitive Device**

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Our liability is only assumed for the circulator and isolator component(s) per se, not for applications, processes and circuits implemented within components or assemblies.

For questions on technology, prices and delivery, please contact our sales offices or e-mail [winnsky@winnsky.com](mailto:winnsky@winnsky.com)