

# NCI3234A

## High Power, High Isolation

- |                      |                   |
|----------------------|-------------------|
| Features:            | Applications:     |
| * High Power         | * Wireless        |
| * High Isolation     | * Radar           |
| * Low Insertion Loss | * Laboratory Test |
| * Low VSWR           |                   |

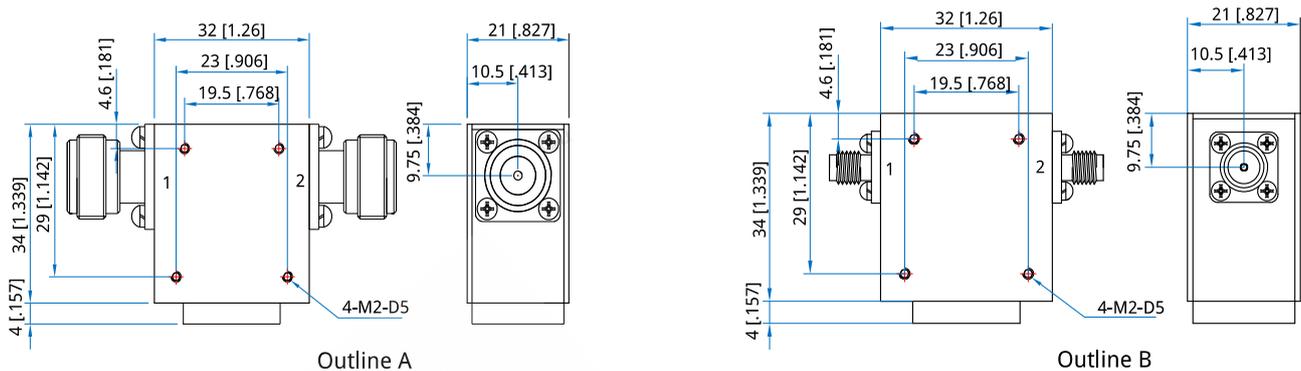
### Description

NCI3234A series Coaxial Isolators cover frequency range 2000~4000MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

### Specifications

Frequency (MHz)	Bandwidth (MHz)	IL (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Fwd Power (W Max.)	Rev Power (W)	Connector	Temperature (°C)
2000~3000	1000	0.60	18.0	1.30	100	20	SMA, N	0~+60
2000~4000	2000	0.60	18.0	1.30	100	20	SMA, N	0~+60

### Outline Drawings



Unit: mm [inch]      Tolerance: ±0.2mm [±0.008in]

### Mechanical

Size<sup>\*1</sup>: 32\*34\*21mm  
 1.26\*1.339\*0.827in  
 Mounting: 4-M2, depth 5mm

[1] Exclude connectors and terminations.

### Connector Naming Rules:

- N - N Female (Outline A)
- S - SMA Female (Outline B)

### Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

### How To Order

#### NCI3234A-U-V-W-X-Y-Z

- U: Start frequency in MHz
- V: Stop frequency in MHz
- W: Forward power in W
- X: Reverse power in W
- Y: Connector type
- Z: Direction type

#### Examples:

To order a NCI3234A series Isolator, 2000~4000MHz, Forward power 100W, Reverse power 20W, SMA female, Clockwise, specify NCI3234A-2000-4000-K1-20-S-1.

Customization is available upon request.