

## NCI3234A

### High Power, High Isolation

#### Features:

- \* High Power
- \* High Isolation
- \* Low Insertion Loss
- \* Low VSWR

#### Applications:

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

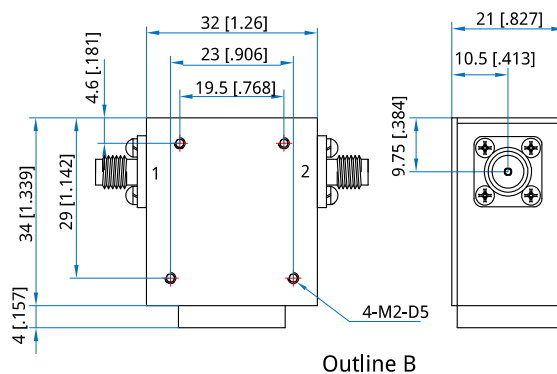
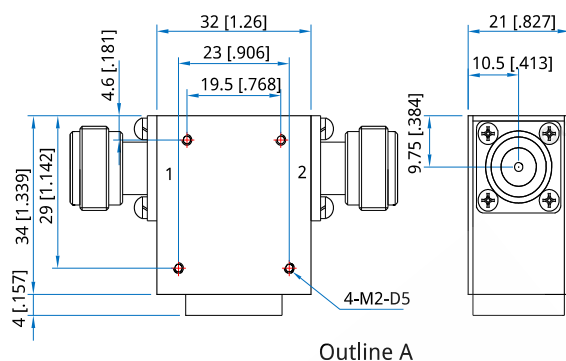
#### Description

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:  $\pm 0.2\text{mm}$  [ $\pm 0.008\text{in}$ ]

#### Mechanical

Size\*1: 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.