

## NCI2619C

### High Power, High Isolation

#### Features:

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

#### Applications:

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

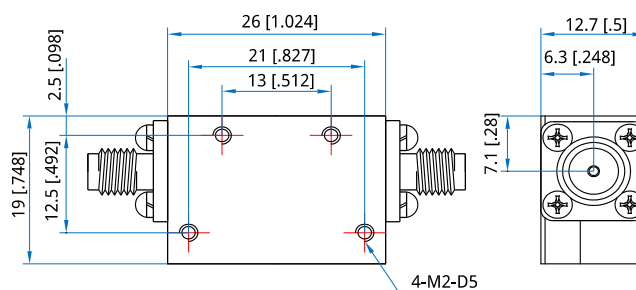
#### Description

NCI2619C series Coaxial Isolators cover frequency range 8~12GHz. 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)
8000~12000	4000	0.80	35.0	1.30	30	10	SMA	-10~+60

#### Outline Drawings



Unit: mm [inch]

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

#### Mechanical

Size<sup>\*1</sup>: 26\*19\*12.7mm  
1.024\*0.748\*0.5in

Mounting: 4-M2, depth 5mm

[1] Exclude connectors and terminations.

#### Connector Naming Rules:

S - SMA Female

#### Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

#### How To Order

**NCI2619C-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 NCI2619C series Isolator, 8~12GHz, Forward power 30W, Reverse power 10W, SMA female, Clockwise, specify NCI2619C-8000-12000-30-10-S-1.

Customization is available upon request.