

## NDC1822D

### High Power, High Isolation

#### Features:

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

#### Applications:

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

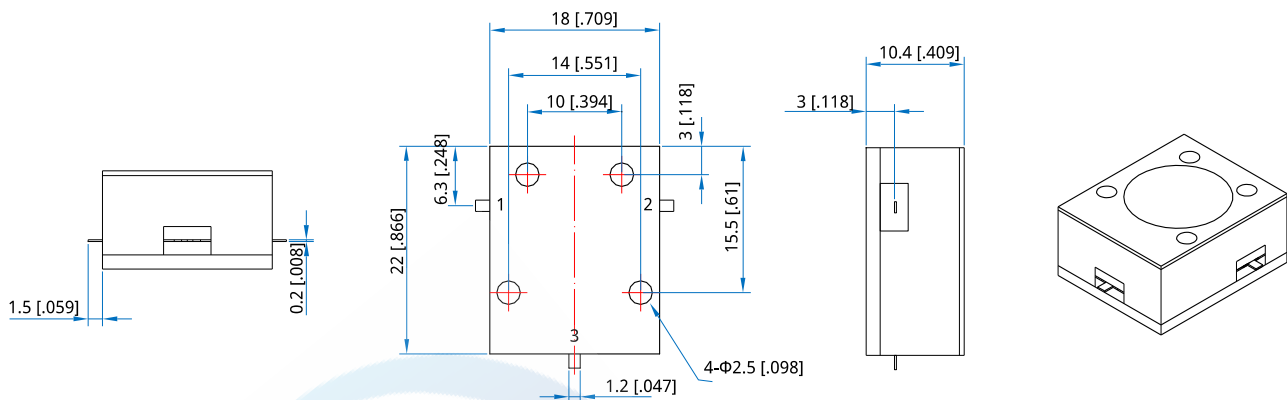
#### Description

**NDC1822D series Drop-In Circulators cover frequency range 4~5GHz. 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)	Insertion Loss (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Average Power (W)	Temperature (°C)
4000~5000	1000	0.40	18.0	1.35	60	-30~+70
4350~5000	650	0.40	23.0	1.20	60	-30~+70

#### Outline Drawings



Unit: mm [inch]

Tolerance: ±0.2mm [±0.008in]

#### Mechanical

Size<sup>\*1</sup>: 18\*22\*10.4mm  
0.709\*0.866\*0.409in  
Connector Type: Strip line  
Mounting: 4-Φ2.5mm through-hole

[1] Exclude connectors

#### How To Order

**NDC1822D-X-Y-Z**

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Average Power in W

#### Examples:

To order a NDC1822D series Circulator, 4~5GHz, 60W, specify NDC1822D-4000-5000-60.

Customization is available upon request.