

NDI5050X

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

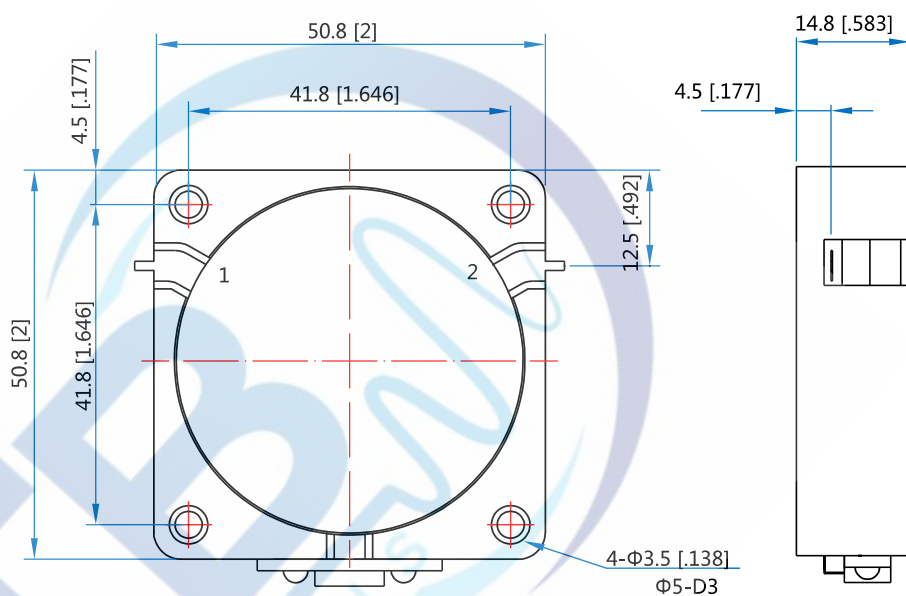
Description

NDI5050X series Drop-In Isolators cover frequency range 160~330MHz. 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.)	Fwd Power (W Max.)	Rev Power (W)	Temperature (°C)
160~200	10	0.70	18.0	1.30	500	10~100	-30~+70
192~232	40	0.60	18.0	1.30	500	10~100	-30~+70
200~220	20	0.40	20.0	1.25	500	10~100	-30~+70
220~240	20	0.40	23.0	1.20	500	10~100	-30~+70
260~330	10	0.20	18.0	1.30	500	10~100	-30~+70
260~330	70	0.40	20.0	1.25	500	10~100	-30~+70

Outline Drawings



Unit: mm [inch]

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



Drop-In Isolators

NDI5050X

Mechanical

Size ^{*1} :	50.8*50.8*14.8mm 2*2*0.583in
Connector Type:	Strip line
Mounting:	4-Φ3.5mm through-hole Φ5, depth 3mm

[1] Exclude connectors and terminations.

How To Order

NDI5050X-X-Y-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Reverse Power in W

Examples:

To order a NDI5050X series Isolator, 160~170MHz, 100W, specify NDI5050X-160-170-K1.

Customization is available upon request.

