

NDC5050X

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

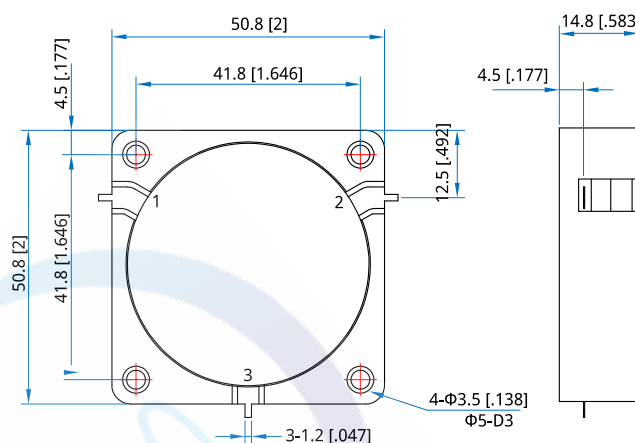
Description

NDC5050X series Drop-In Circulators cover frequency range 150~330MHz. 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.)	Average Power (W)	Temperature (°C)
150~200	10	0.70	18.0	1.30	100~400	-30~+70
192~232	40	0.60	18.0	1.30	100~400	-30~+70
200~220	20	0.40	20.0	1.25	100~400	-30~+70
220~240	20	0.40	20.0	1.25	100~400	-30~+70
260~330	10	0.20	23.0	1.20	100~400	-30~+70
260~330	70	0.40	20.0	1.25	100~400	-30~+70

Outline Drawings



Unit: mm [inch]

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

Mechanical

Size*1: 50.8*50.8*14.8mm
2*2*0.583in

Connector Type: Strip line

Mounting: 4- $\Phi 3.5\text{mm}$ through-hole
 $\Phi 5$, depth 3mm

[1] Exclude connectors

Customization is available upon request.

How To Order

NDC5050X-X-Y-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Average Power in W

Examples:

To order a NDC5050X series Circulator, 160~166MHz, 200W, specify NDC5050X-160-166-K2.