

NDI3538X

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

Description

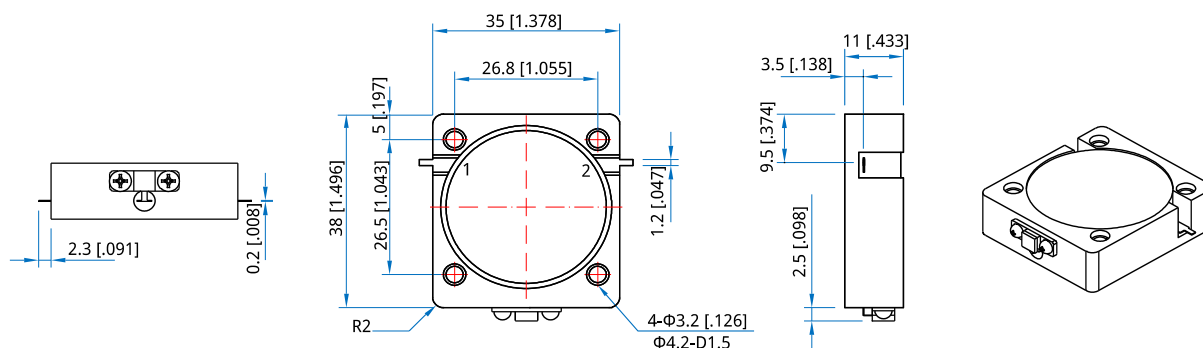
NDI3538X series Drop-In Isolators cover frequency range 300~1850MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

Specifications

Frequency (MHz)	Bandwidth (MHz)	Insertion Loss (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Fwd Power (W Max.)	Rev Power (W)	Temperature (°C)
300~350	50	0.70	18.0	1.35	300	10~100	-30~+70
300~400	20	0.40	20.0	1.25	300	10~100	-30~+70
350~370	20	0.40	23.0	1.20	300	10~100	-30~+70
361~366	5	0.40	23.0	1.20	300	10~100	-30~+70
400~470	70	0.40	20.0	1.25	300	10~100	-30~+70
400~600	20	0.30	23.0	1.20	300	10~100	-30~+70
400~600	50	0.40	20.0	1.25	300	10~100	-30~+70
470~570	100	0.40	20.0	1.25	300	10~100	-30~+70
500~700	200	0.70	18.0	1.30	300	10~100	-30~+70
600~800	30	0.25	25.0	1.15	300	10~100	-30~+70
600~800	100	0.30	23.0	1.20	300	10~100	-30~+70
600~800	200	0.45	19.0	1.25	300	10~100	-30~+70
700~1000	30	0.25	25	1.15	300	10~100	-30~+70
700~1000	100	0.30	23.0	1.20	300	10~100	-30~+70
700~1000	200	0.50	18.0	1.30	300	10~100	-30~+70
950~1450	500	0.60	18.0	1.30	300	10~100	-30~+70
960~1215	255	0.30	21.0	1.20	300	10~100	-30~+70
960~1260	300	0.45	20.0	1.25	300	10~100	-30~+70
1000~1500	500	0.60	18.0	1.30	300	10~100	-30~+70
1020~1040	20	0.25	25.0	1.15	300	10~100	-30~+70
1160~1610	450	0.50	20.0	1.25	300	10~100	-30~+70
1290~1310	20	0.25	25.0	1.15	300	10~100	-30~+70
1350~1850	500	0.50	20.0	1.25	300	10~100	-30~+70

NDI3538X

Outline Drawings



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

Mechanical

Size ^{*1} :	35*38*11mm
	1.378*1.496*0.433in
Connector Type:	Strip line
Mounting:	4- Φ 3.2mm through-hole
	Φ 4.2, depth 1.5mm

[1] Exclude connectors and terminations.

How To Order

NDI3538X-X-Y-Z
X: Start frequency in MHz
Y: Stop frequency in MHz
Z: Reverse Power in W

Examples:

To order a NDI3538X series Isolator, 700~730MHz, 100W, specify NDI3538X-700-730-K1.

Customization is available upon request.