

FDI1623D

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

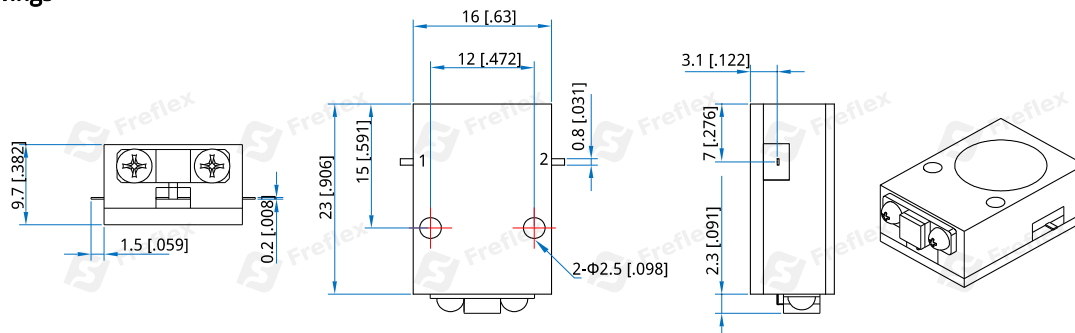
Description

FDI1623D series Drop-In Isolators cover frequency range 5000~7000MHz. 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)
5100~5900	800	0.50	18.0	1.30	100	10	-30~+70
5150~5500	350	0.40	20.0	1.25	100	10	-30~+70
5230~5340	210	0.30	23.0	1.20	100	10	-30~+70
5400~5900	500	0.40	20.0	1.25	100	10	-30~+70
5700~5900	200	0.30	23.0	1.20	100	10	-30~+70
5780~6000	220	0.30	23.0	1.25	100	10	-30~+70
5800~6500	700	0.40	20.0	1.25	100	10	-30~+70
6500~7000	500	0.40	20.0	1.25	100	10	-30~+70

Outline Drawings



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

Mechanical

Size^{*1}: 16*23*9.7mm
0.63*0.906*0.382in

Connector Type: Strip line

Mounting: 2- $\Phi 2.5\text{mm}$ through-hole

[1] Exclude connectors and terminations.

Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

Customization is available upon request.

How To Order

FDI1623D-V-W-X-Y-Z

V: Start frequency in MHz

W: Stop frequency in MHz

X: Forward Power in W

Y: Reverse Power in W

Z: Direction type

Examples:

To order a FDI1623D series Isolator, 5100~5900MHz, Forward power 100W, Reverse power 10W, Clockwise, specify FDI1623D-5100-5900-K1-10-1.