

FDI1220C

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

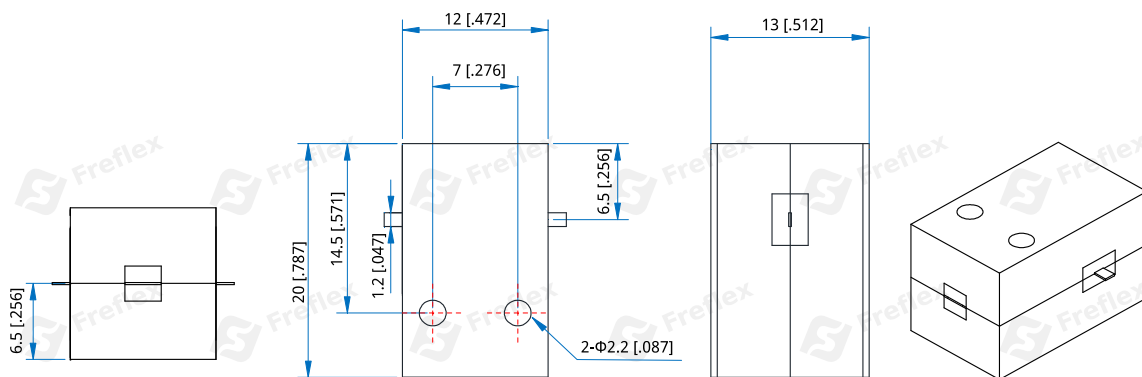
Description

FDI1220C series Drop-In Isolators cover frequency range 15~18GHz. 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)
15000~18000	3000	0.60	18.0	1.35	25	10	-30~+70

Outline Drawings



Unit: mm [inch]

Tolerance: ±0.2mm [±0.008in]

Mechanical

Size*1: 12*20*13mm

0.472*0.787*0.512in

Connector Type: Strip line

Mounting: 2-Φ2.2mm through-hole

[1] Exclude connectors and terminations.

Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

Customization is available upon request.

How To Order

FDI1220C-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 FDI1220C series Isolator, 15~18GHz, Forward power 25W, Reverse power 10W, Clockwise, specify
FDI1220C-15000-18000-25-10-1.