

FDI1319C

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

Description

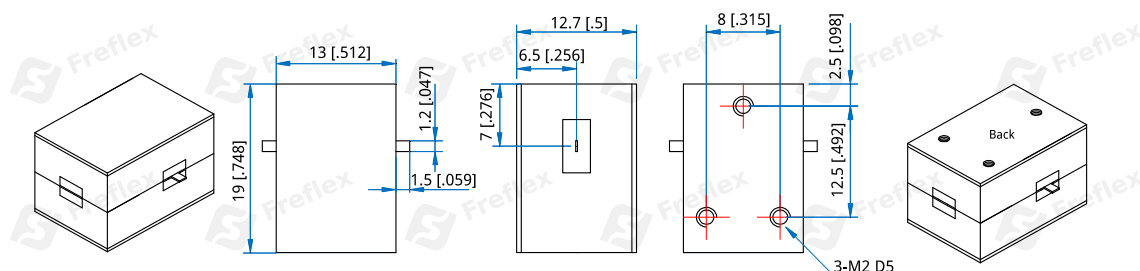
FDI1319C series Drop-In Isolators cover frequency range 6000~12000MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

Specifications

Frequency (MHz)	Bandwidth (MHz)	Insertion Loss (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Fwd Power (W)	Rev Power (W)	Temperature (°C)
6000~12000	6000	0.70	15.0	1.5	20 ^{*1}	10	-30~+70

[1] Peak power 100W, 5μS pulse width.

Outline Drawings



Unit: mm [inch] Tolerance: ±0.2mm [±0.008in]

Mechanical

Size^{*2}: 13*19*12.7mm
0.512*0.748*0.5in

Connector Type: Strip line

[2] Exclude connectors.

Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

How To Order

FDI1319C-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 FDI1319C series Isolator, 6000~12000MHz, Forward power 20W, Reverse power 10W, Clockwise, specify FDI1319C-6000-12000-20-10-1.

Customization is available upon request.