

FDI1117C

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

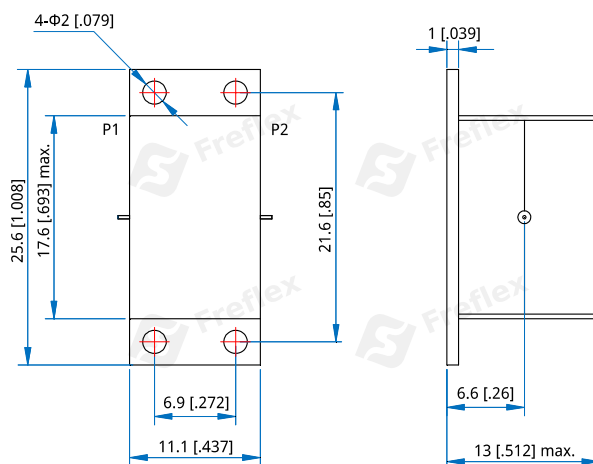
Description

FDI1117C series Drop-In Isolators cover frequency range 33~40GHz. 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)
33000~36000	3000	1.50	18.0	1.4	15	5	-30~+70
36000~40000	4000	1.70	17.0	1.5	20	5	-30~+70

Outline Drawings



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

Mechanical

Size^{*1}: 11.1*17.6*13mm
0.437*0.693*0.512in
Connector Type: Pin Φ0.3*1
Mounting: 4-Φ2mm through-hole

[1] Exclude connectors.

Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

Customization is available upon request.

How To Order

FDI1117C-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 FDI1117C series Isolator, 36000~40000MHz, Forward power 20W, Reverse power 5W, Clockwise, specify
FDI1117C-36000-40000-20-5-1.