

FDC4040A

High Power, High Isolation

Features:

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

Applications:

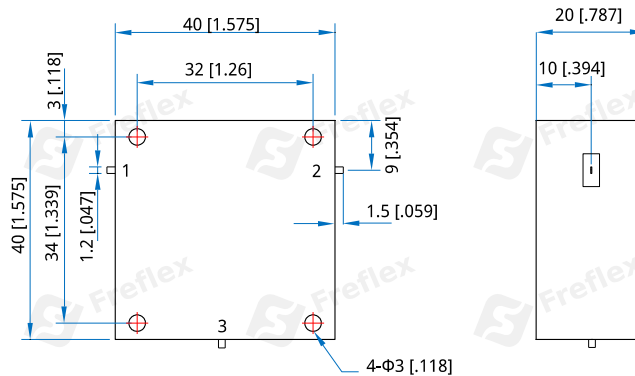
- * Wireless
- * Radar
- * Laboratory Test

Description

FDC4040A series Drop-In Circulators cover frequency range 1.7~3GHz. 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.)	Average Power (W)	Temperature (°C)
1700~2700	1000	0.70	16.0	1.35	100~200	0~+60
1800~3000	1200	0.50	17.0	1.35	100~200	0~+60

Outline Drawings


Unit: mm [inch]

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

Mechanical

Size^{*1}: 40*40*20mm
1.575*1.575*0.787in

Connector Type: Strip line

Mounting: 4-Φ3mm through-hole

[1] Exclude connectors

Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

How To Order

FDC4040A-W-X-Y-Z

W: Start frequency in MHz

X: Stop frequency in MHz

Y: Average Power in W

Z: Direction type

Examples:

To order a FDC4040A series Circulator, 1700~2700MHz, 100W, Clockwise, specify FDC4040A-1700-2700-K1-1.

Customization is available upon request.