

FDC1822D

High Power, High Isolation

Features:
 * High Power
 * High Isolation
 * Low Insertion Loss
 * Low VSWR

Applications:
 * Wireless
 * Radar
 * Laboratory Test

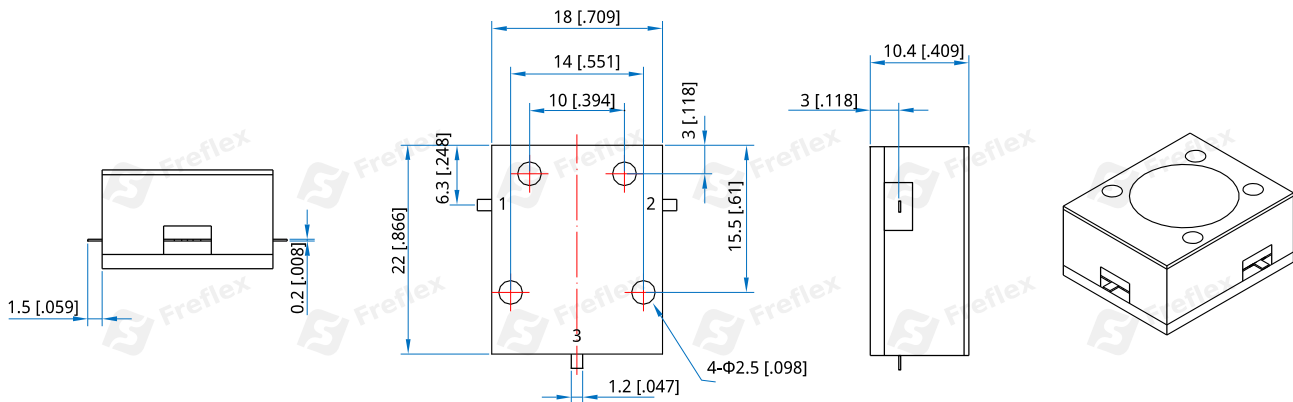
Description

FDC1822D series Drop-In Circulators cover frequency range 4~5GHz. 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)
4000~5000	1000	0.40	18.0	1.35	60	-30~+70
4350~5000	650	0.40	23.0	1.20	60	-30~+70

Outline Drawings



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

Mechanical

Size*1: 18*22*10.4mm
 0.709*0.866*0.409in
 Connector Type: Strip line
 Mounting: 4- $\Phi 2.5\text{mm}$ through-hole

[1] Exclude connectors

How To Order

FDC1822D-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 FDC1822D series Circulator, 4~5GHz, 60W, Clockwise, specify FDC1822D-4000-5000-60-1.

Customization is available upon request.