

FDI1616X

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

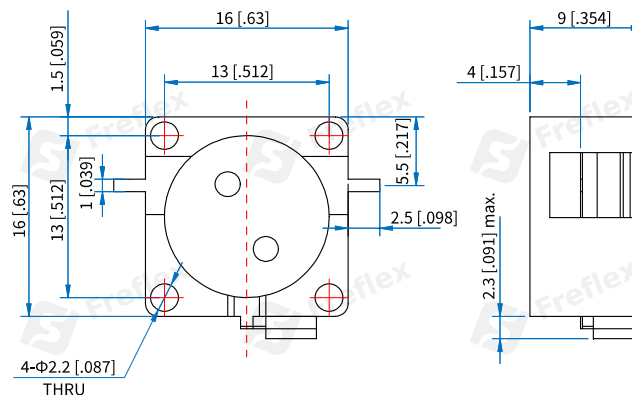
Description

FDI1616X series Drop-In Isolators cover frequency range 5850~6725MHz. 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)
5850~6725	875	0.60	18.0	1.30	200	20	-40~+70

Outline Drawings



Unit: mm [inch]

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

Mechanical

Size^{*1}: 16*16*9mm
0.63*0.63*0.354in
Connector Type: Strip line
Mounting: 4- Φ 2.2mm through-hole

[1] Exclude connectors and terminations.

Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

How To Order

FDI1616X-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 FDI1616X series Isolator, 5850~6725MHz, Forward power 200W, Reverse power 20W, Clockwise, specify FDI1616X-5850-6725-K2-20-1.

Customization is available upon request.