FDC1623D

High Power, High Isolation

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

Applications:
* Wireless
* Radar
* Laboratory Test

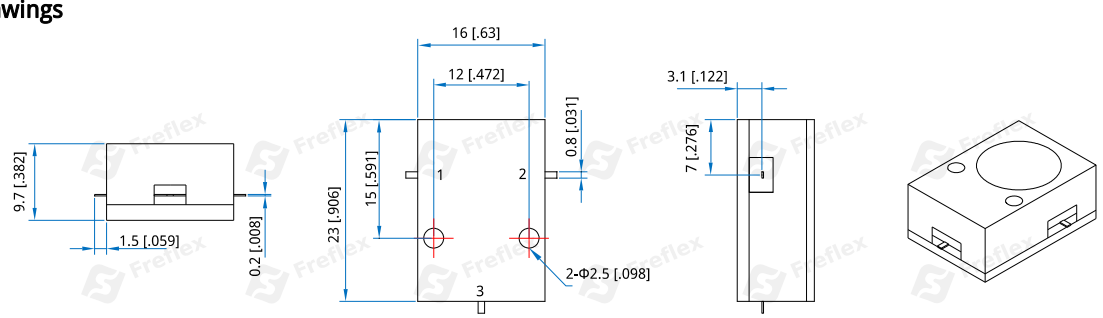
Description

FDC1623D series Drop-In Circulators cover frequency range 5~6.5GHz. 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)
5100~5900	800	0.50	18.0	1.30	10~50	-30~+70
5150~5500	350	0.40	20.0	1.25	10~50	-30~+70
5230~5340	110	0.30	23.0	1.20	10~50	-30~+70
5400~5900	500	0.40	20.0	1.25	10~50	-30~+70
5700~5900	200	0.30	23.0	1.20	10~50	-30~+70
5780~6000	220	0.30	23.0	1.25	10~50	-30~+70
5800~6500	700	0.40	20.0	1.25	10~50	-30~+70
6500~7000	500	0.40	20.0	1.25	10~50	-30~+70

Outline Drawings



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

Mechanical

Size[*1]:	16*23*9.7mm
	0.63*0.906*0.382in
Connector Type:	Strip line
Mounting:	2-Φ2.5mm through-hole

[1] Exclude connectors

Direction Naming Rules:

1 - Clockwise
2 - Anticlockwise

How To Order

FDC1623D-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 FDC623D series Circulator, 5.1~5.9GHz, 50W, Clockwise, specify FDC1623D-5100-5900-50-1.

Customization is available upon request.