QDI5050A

High Power, High Isolation

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

Applications:
* Wireless
* Radar
* Laboratory Test

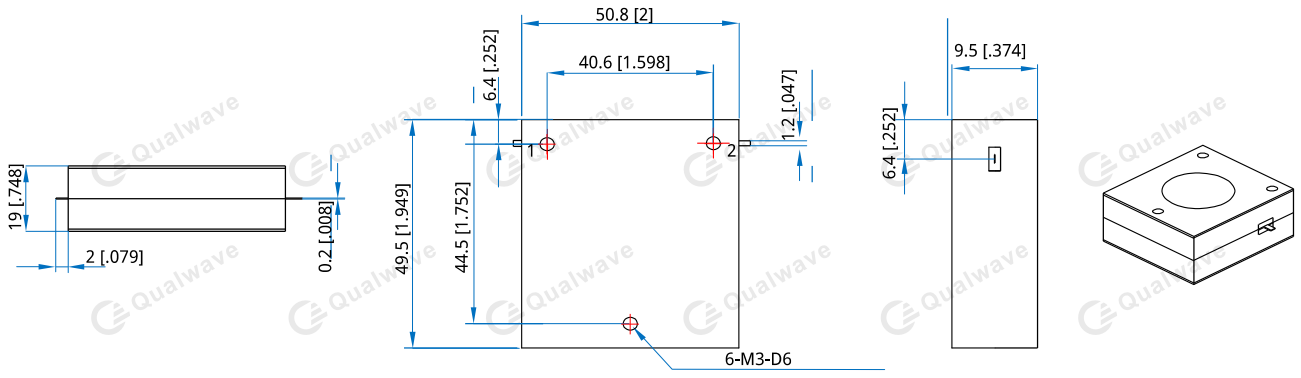
Description

QDI5050A series Drop-In Isolators cover frequency range 1500~3000MHz. 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 Max.)	Rev Power (W)	Temperature (°C)
1500~3000	1500	0.7	17.0	1.40	100	10~100	-10~+60

Outline Drawings



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

Mechanical

Size[*1]:	50.8*49.5*19mm
	2*1.949*0.748in
Connector Type:	Strip line
Mounting:	6-M3, depth 6mm

[1] Exclude connectors and terminations.

Direction Naming Rules:

1 - Clockwise
2 - Anticlockwise

How To Order

QDI5050A-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 QDI5050A series Isolator, 1500~3000MHz, Forward power 100W, Reverse power 10W, Clockwise, specify QDI5050A-1500-3000-K1-10-1.

Customization is available upon request.