

QDI2430D

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

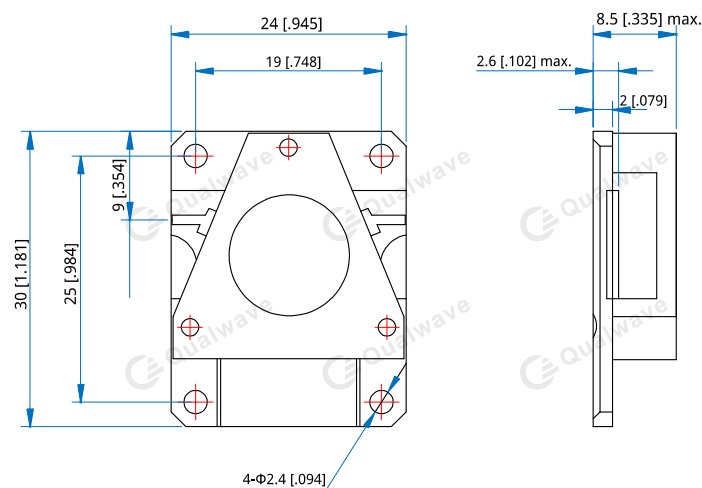
Description

QDI2430D series Drop-In Circulators cover frequency range 5.1~5.9GHz. 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)
5100~5900	800	0.40	20.0	1.30	60	60	-40~+50

Outline Drawings



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

Mechanical

Size ^{*1} :	24*30*8.5mm 0.945*1.181*0.335in
Connector Type:	Strip line
Mounting:	4-Φ2.4mm through-hole

[1] Exclude connectors

Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

How To Order

QDI2430D-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 QDI2430D series Circulator, 5100~5900MHz, 60W, 60W, Clockwise, specify QDI2430D-5100-5900-60-60-1.

Customization is available upon request.