

QDC4040A

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

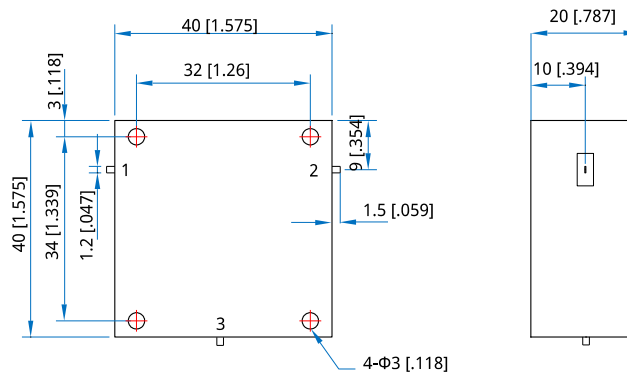
Description

QDC4040A series Drop-In Circulators cover frequency range 1.7~3GHz. 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)
1700~2700	1000	0.70	16.0	1.35	100~200	0~+60
1800~3000	1200	0.50	17.0	1.35	100~200	0~+60

Outline Drawings



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

Mechanical

- Size*1: 40*40*20mm
1.575*1.575*0.787in
- Connector Type: Strip line
- Mounting: 4-Φ3mm through-hole

[1] Exclude connectors

Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

How To Order

QDC4040A-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 QDC4040A series Circulator, 1700~2700MHz, 100W, Clockwise, specify QDC4040A-1700-2700-K1-1.

Customization is available upon request.