

QCC5050A

High Power, High Isolation

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

- Applications:**
- * Wireless
 - * Radar
 - * Laboratory Test

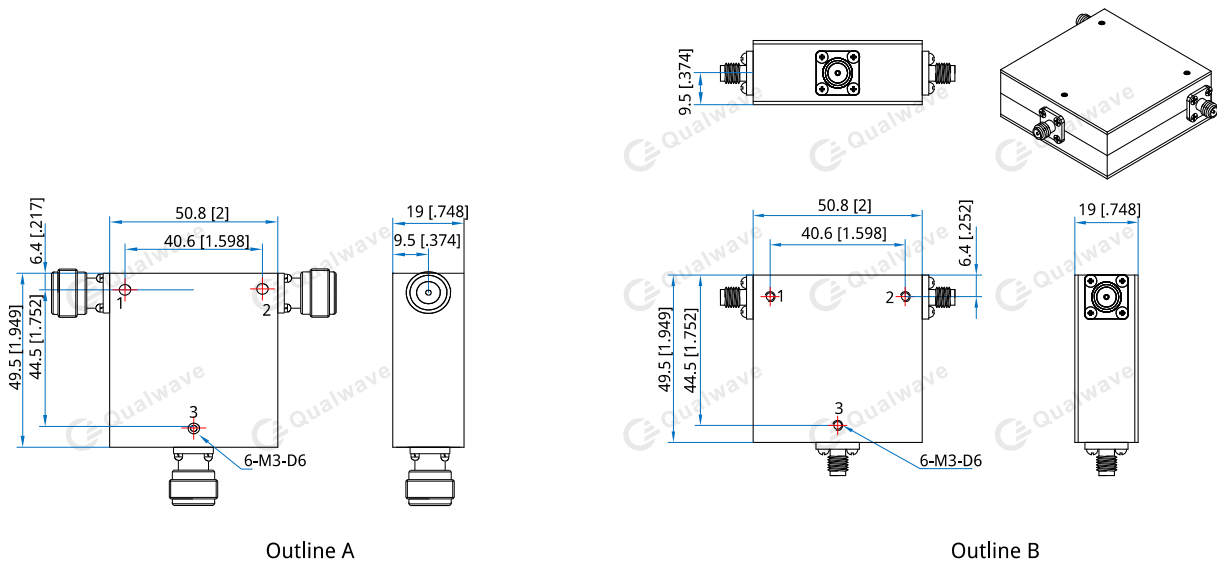
Description

QCC5050A series Coaxial Circulators cover frequency range 1.3~3GHz. 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)	IL (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Average Power (W)	Connector	Temperature (°C)
1500~3000	1500	0.70	17.0	1.40	10~100	SMA, N	0~+60
1300~2700	1400	0.70	16.0	1.50	100	SMA	0~+60

Outline Drawings



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

Mechanical

Size^{*1}: 50.8*49.5*19mm
 2*1.949*0.748in
 Mounting: 6-M3, depth 6mm

[1] Exclude connectors

Connector Naming Rules:

- N - N Female (Outline A)
- S - SMA Female (Outline B)

Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

How To Order

QCC5050A-V-W-X-Y-Z

- V: Start frequency in MHz
- W: Stop frequency in MHz
- X: Average power in W
- Y: Connector type

Z: Direction type

Examples:

To order a QCC5050A series Circulator, 1500~3000MHz, 100W, N female, Clockwise, specify QCC5050A-1500-3000-K1-N-1.

Customization is available upon request.