

# QCC5050A

## High Power, High Isolation

**Features:**

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

**Applications:**

- \* Wireless
- \* Radar
- \* Laboratory Test

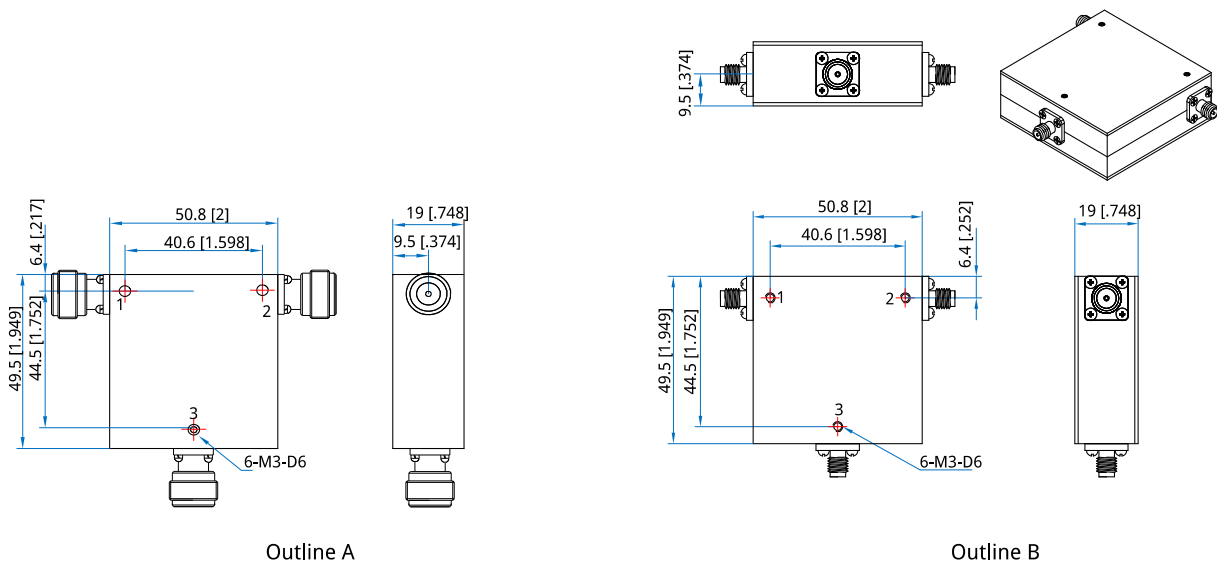
**Description**

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.