

## QCC5050X

### High Power, High Isolation

**Features:**

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

**Applications:**

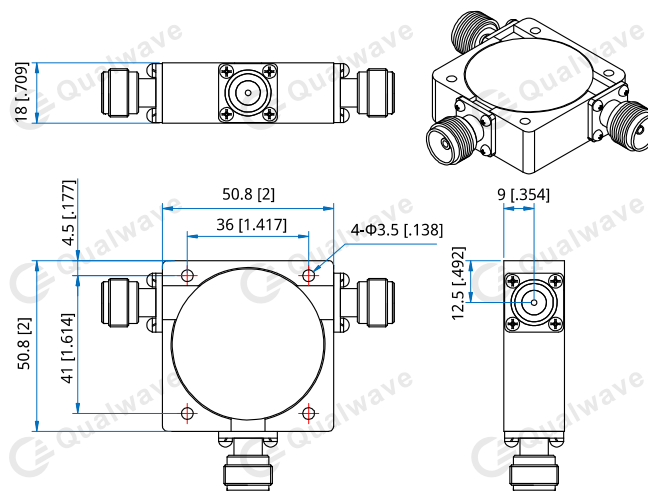
- \* Wireless
- \* Radar
- \* Laboratory Test

**Description**

QCC5050X series Coaxial Circulators cover frequency range 0.25~0.265GHz. 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)
250~265	15	0.50	20.0	1.25	250	N	-30~+75
260~265	5	0.40	20.0	1.25	250	N	-30~+75

**Outline Drawings**


Unit: mm [inch]

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

**Mechanical**

Size\*1: 50.8\*50.8\*18mm  
2\*2\*0.709in

Mounting: 4-Φ3.5mm through-hole

[1] Exclude connectors

**Connector Naming Rules:**

N - N Female

**Direction Naming Rules:**

- 1 - Clockwise
- 2 - Anticlockwise

**How To Order**
**QCC5050X-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 QCC5050X series Circulator, 250~265MHz, 250W, N female, Clockwise, specify QCC5050X-250-265-K25-N-1.

Customization is available upon request.