

## QCI5050A

### High Power, High Isolation

**Features:**

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

**Applications:**

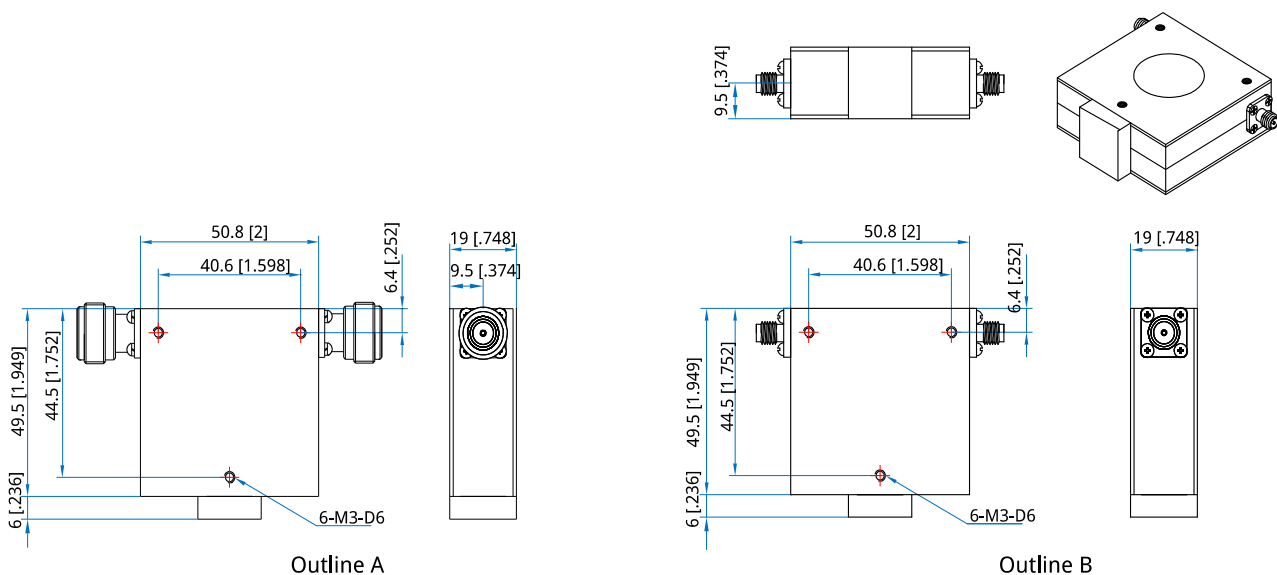
- \* Wireless
- \* Radar
- \* Laboratory Test

**Description**

QCI5050A series Coaxial Isolators cover frequency range 1.5~3GHz. 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.)	Fwd Power (W Max.)	Rev Power (W)	Connector	Temperature (°C)
1500~3000	1500	0.70	17.0	1.40	100	10~100	SMA, N	-10~+60

**Outline Drawings**


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

**Mechanical**

Size\*1: 50.8\*49.5\*19mm

2\*1.949\*0.748in

Mounting: 6-M3, depth 6mm

[1] Exclude connectors and terminations.

**Connector Naming Rules:**

N - N Female (Outline A)

S - SMA Female (Outline B)

**Direction Naming Rules:**

1 - Clockwise

2 - Anticlockwise

**How To Order**

**QCI5050A-U-V-W-X-Y-Z**

U: Start frequency in MHz

V: Stop frequency in MHz

W: Forward power in W

X: Reverse power in W

Y: Connector type

Z: Direction type

Examples:

To order a QCI5050A series Isolator, 1.5~3GHz, Forward power 100W, Reverse power 100W, SMA female, Clockwise, specify QCI5050A-1500-3000-K1-K1-S-1

.

Customization is available upon request.