

# QCC2528C

## High Power, High Isolation

**Features:**

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

**Applications:**

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

**Description**

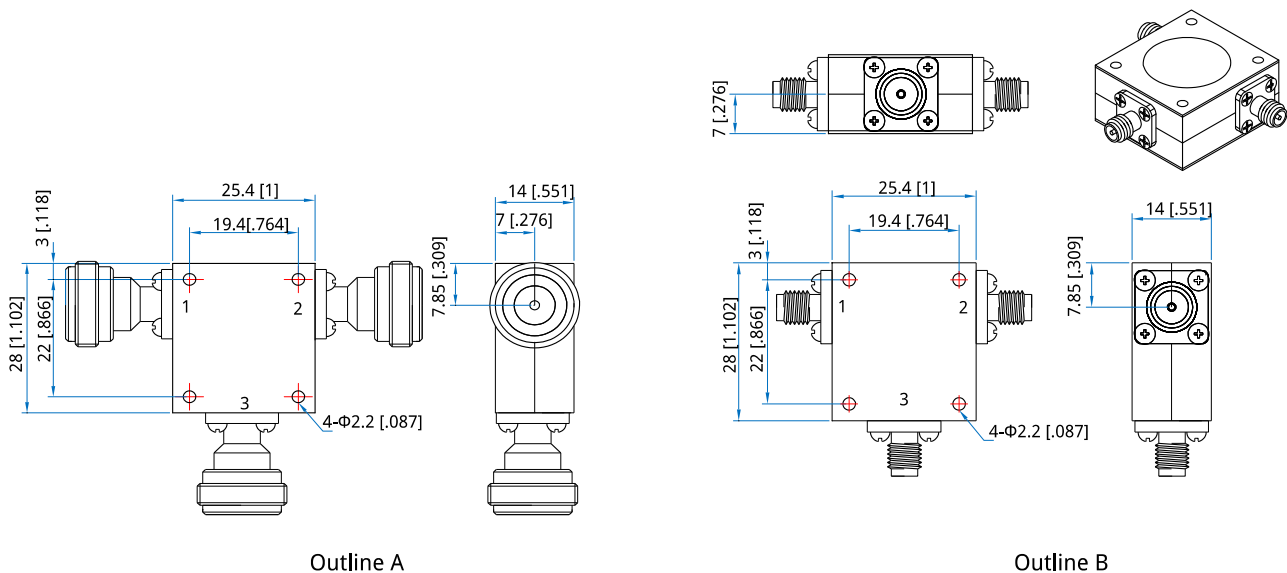
QCC2528C series Coaxial Circulators cover frequency range 2.7~6.2GHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

**Specifications**

Frequency (MHz)	Bandwidth (MHz)	IL (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Average Power* <sup>1</sup> (W)	Connector	Temperature (°C)
2700~6200	3500	0.80	16.0	1.40	60	SMA, N	0~+60
3000~6000	3000	0.50	18.0	1.30	100	SMA, N	-30~+75
3000~6000	500	0.40	20.0	1.25	100, 150	SMA, N	0~+60
5000~6000	1000	0.40	20.0	1.25	100, 150	SMA, N	0~+60

[1] The connector is SMA, and the maximum average power can only reach 100W

**Outline Drawings**



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

**Mechanical**

Size<sup>\*2</sup>: 25.4\*28\*14mm  
 1\*1.102\*0.551in  
 Mounting: 4-Φ2.2mm through-hole

[2] 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****QCC2528C-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 QCC2528C series Circulator, 2700~6200MHz, 100W, SMA female, Clockwise, specify QCC2528C-2700-6200-K1-S-1.

Customization is available upon request.