

# QCC5258E

## High Power, High Isolation

**Features:**

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

**Applications:**

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

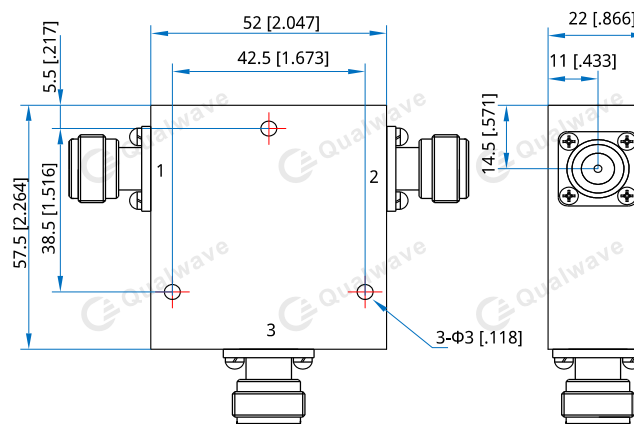
**Description**

QCC5258E series Coaxial Circulators cover frequency range 160~330MHz. 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)
160~200	10	0.70	18.0	1.30	100~400	SMA, N	-30~+70
192~232	40	0.60	18.0	1.30	100~400	SMA, N	-30~+70
200~220	20	0.40	20.0	1.25	100~400	SMA, N	-30~+70
220~240	20	0.40	20.0	1.25	100~400	SMA, N	-30~+70
260~330	10	0.20	23.0	1.20	100~400	SMA, N	-30~+70
260~330	70	0.40	20.0	1.25	100~400	SMA, N	-30~+70

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

**Outline Drawings**


Unit: mm [inch]

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

**Mechanical**

Size\*<sup>2</sup>: 52\*57.5\*22mm  
2.047\*2.264\*0.866in

Mounting: 3-Φ3mm through-hole

[2] Exclude connectors

**Connector Naming Rules:**

N - N Female

**Direction Naming Rules:**

- 1 - Clockwise
- 2 - Anticlockwise

**How To Order**

**QCC5258E-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 QCC5258E series Circulator, 200~220MHz, 100W, N female, Clockwise, specify QCC5258E-200-220-K1-N-1.

Customization is available upon request.