

QCC5258E

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

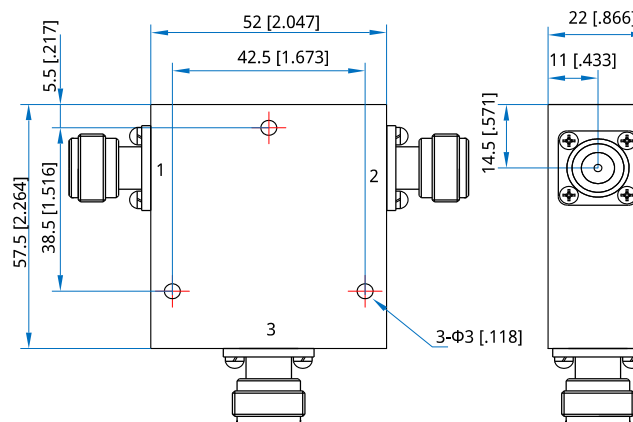
Description

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*1 (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*2: 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.