

QCC3030B

High Power, High Isolation

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

- Applications:**
- * Wireless
 - * Radar
 - * Laboratory Test

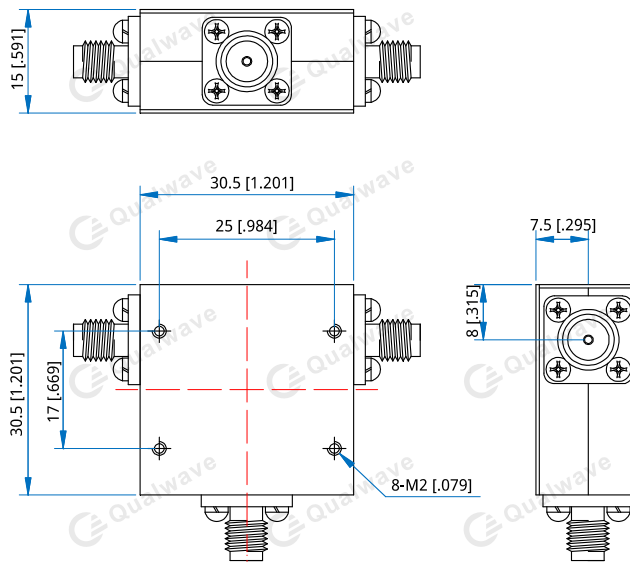
Description

QCC3030B series Drop-In Circulators cover frequency range 2~6GHz. 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)	Insertion Loss (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Average Power (W)	Temperature (°C)
2000~6000	4000	1.7	12	1.6	20	-40~+70

Outline Drawings



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

Mechanical

- Size^{*1}: 30.5*30.5*15mm
 1.201*1.201*0.591in
- RF Connectors: SMA Female
- Mounting: 8-M2mm through-hole

[1] Exclude connectors

Connector Naming Rules:

S - SMA Female

Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

How To Order

QCC3030B-V-W-X-Y-Z

- V: Start frequency in MHz
- W: Stop frequency in MHz
- X: Average power in W
- Y: Connector type

Coaxial Circulator

Z: Direction type

Examples:

To order a QCC3030B series Circulator, 2-6GHz, 20W, SMA Female,
Clockwise, specify QCC3030B-2000-6000-20-S-1.

Customization is available upon request.