

## QDC3030B

### High Power, High Isolation

**Features:**

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

**Applications:**

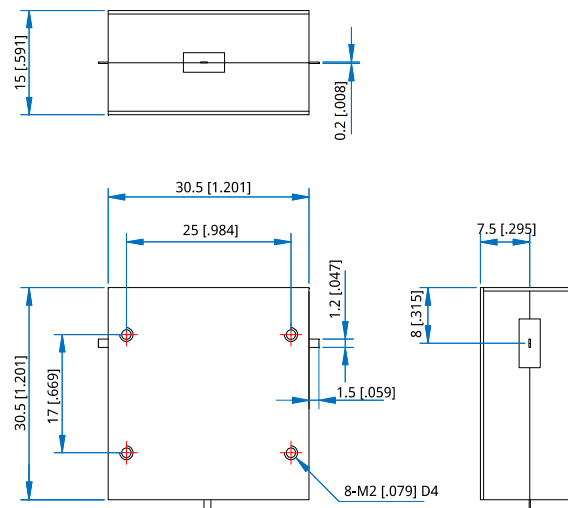
- \* Wireless
- \* Radar
- \* Laboratory Test

**Description**

QDC3030B 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<br>(MHz) | Bandwidth<br>(MHz) | Insertion Loss<br>(dB Max.) | Isolation<br>(dB Min.) | VSWR<br>(Max.) | Average Power<br>(W) | Temperature<br>(°C) |
|--------------------|--------------------|-----------------------------|------------------------|----------------|----------------------|---------------------|
| 2000~6000          | 4000               | 1.7                         | 12                     | 1.6            | 20                   | -40~+70             |

**Outline Drawings**


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

**Mechanical**

|                      |                                       |
|----------------------|---------------------------------------|
| Size <sup>*1</sup> : | 30.5*30.5*15mm<br>1.201*1.201*0.591in |
| Connector Type:      | Strip line                            |
| Mounting:            | 8-M2mm deep 4 mm                      |

[1] Exclude connectors

**Direction Naming Rules:**

- 1 - Clockwise
- 2 - Anticlockwise

**How To Order**
**QDC3030B-W-X-Y-Z**

W: Start frequency in MHz

X: Stop frequency in MHz

Y: Average Power in W

Z: Direction type

**Examples:**

To order a QDC3030B series Circulator, 2~6GHz, 20W, Clockwise, specify QDC3030B-2000-6000-20-1.

Customization is available upon request.