

# QDC2528C

## High Power, High Isolation

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

**Applications:**  
 \* Wireless  
 \* Radar  
 \* Laboratory Test

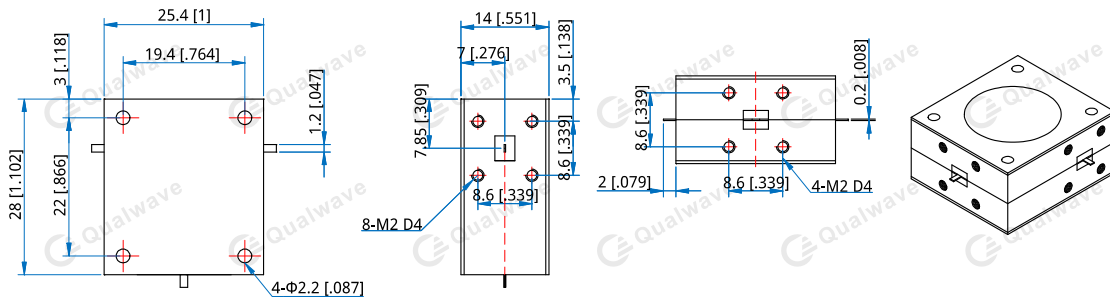
### Description

QDC2528C series Drop-In Circulators cover frequency range 2.7~6GHz. 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)
2700~6200	3500	0.80	16.0	1.40	10~60	-30~+70
3000~6000	3000	0.60	18.0	1.35	10~100	-30~+70
3000~6000	500	0.40	20.0	1.25	10~200	-30~+70
5000~5300	300	0.50	18.0	1.30	200	-40~+85
5000~6000	1000	0.30	23.0	1.20	10~200	-30~+70

### Outline Drawings



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

### Mechanical

Size\*1: 25.4\*28\*14mm  
 1\*1.102\*0.551in  
 Connector Type: Strip line  
 Mounting: 4-Φ2.2mm through-hole

[1] Exclude connectors

### Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

### How To Order

#### QDC2528C-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 QDC2528C series Circulator, 2600~6000MHz, 60W, Clockwise, specify QDC2528C-2600-6000-60-1.

Customization is available upon request.