

# QDC6060H

## High Power, High Isolation

**Features:**

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

**Applications:**

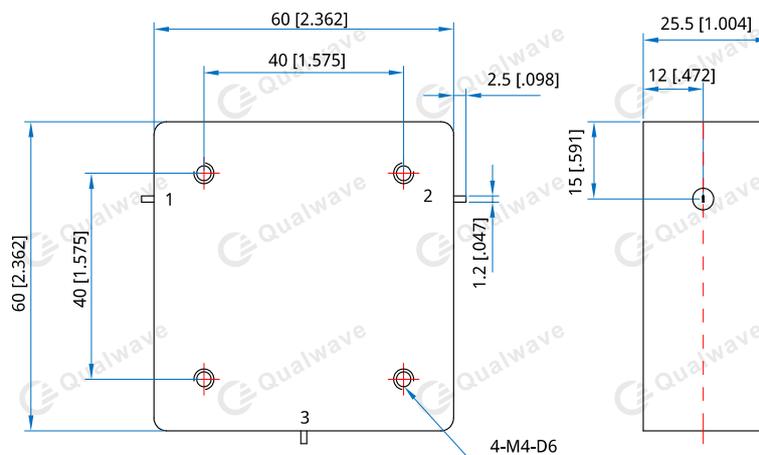
- \* Wireless
- \* Radar
- \* Laboratory Test

**Description**

QDC6060H series Drop-In Circulators cover frequency range 20~400MHz. 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)
20~30	0	2.00	18.0	1.30	10~100	-10~+60
30~80	0	1.20	20.0	1.25	10~100	-10~+60
30~80	5	1.80	18.0	1.30	10~100	-10~+60
88~108	20	0.60	20.0	1.25	10~100	-10~+60
100~140	40	1.20	18.0	1.30	10~100	-10~+60
108~118	10	0.50	20.0	1.20	10~100	-10~+60
116~138	22	0.60	20.0	1.25	10~100	-10~+60
130~180	50	0.60	20.0	1.25	10~100	-10~+60
136~174	38	0.50	20.0	1.25	10~100	-10~+60
150~170	20	0.40	20.0	1.20	10~100	-10~+60
170~230	60	0.60	20.0	1.25	10~100	-10~+60
225~400	175	0.80	18.0	1.30	10~100	-10~+60

**Outline Drawings**


Unit: mm [inch]

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

**Mechanical**

---

Size*1:	60*60*25.5mm 2.362*2.362*1.004in
Connector Type:	Strip line
Mounting:	4-M4, depth 6mm

[1] Exclude connectors

**Direction Naming Rules:**

- 1 - Clockwise
- 2 - Anticlockwise

**How To Order****QDC6060H-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 QDC6060H series Circulator, 70~75MHz, 50W, Clockwise, specify QDC6060H-70-75-50-1.

Customization is available upon request.