

## QWCC

### High Power, High Isolation

#### Features:

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

#### Applications:

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

#### Description

QWCC series Waveguide Circulators cover frequency range 8200~12400MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

#### Specifications

Part Number	Frequency Range (MHz)	Insertion Loss (dB, max.)	Isolation (dB, min.)	VSWR (max.)	Temperature (°C)
QWCC-8200-8900	8200~8900	0.3	20	1.2	-40 ~ +85
QWCC-8500-9500	8500~9500	0.35	20	1.2	-40 ~ +85
QWCC-9200-9800	9200~9800	0.3	23	1.15	-40 ~ +85
QWCC-9800-10200	9800~10200	0.25	25	1.12	-40 ~ +85
QWCC-10000-12400	10000~12400	0.35	20	1.25	-40 ~ +85

#### Power Handling

Forward Power: 100W  
Reverse Power: 100W

#### Mechanical

Size: 48.0\*53.0\*42.0mm  
1.890\*2.087\*1.654in  
Interface: WR-90 (BJ100)

#### How To Order

##### QWCC-X-Y

X: Start frequency in MHz

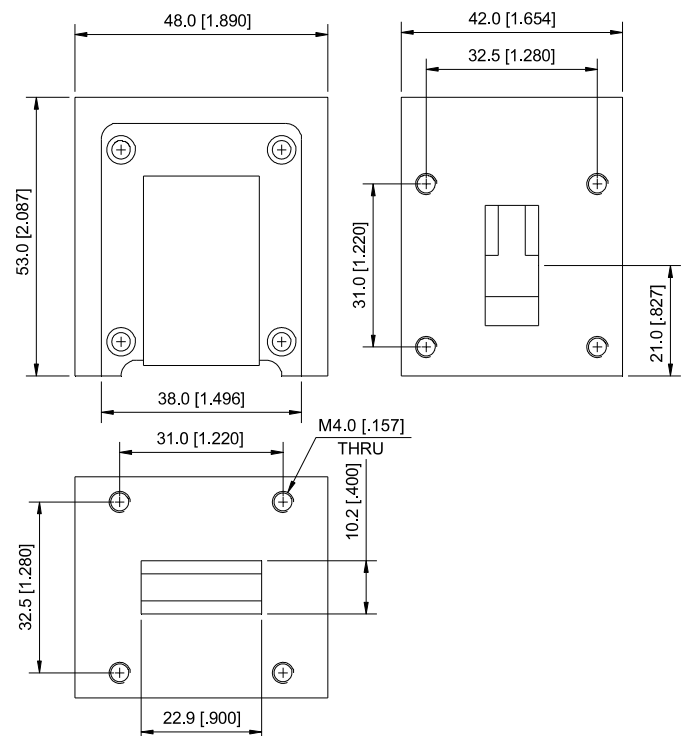
Y: Stop frequency in MHz

#### Examples:

To order a QWCC series circulator, 8200-8900MHz, specify QWCC-8200-8900.

Customization is available upon request.

#### Outline Drawings



Unit: mm [inch]

Tolerance: ±0.2mm [±0.008in]