

# QWCB

## High Power, High Isolation

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

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

### Description

QWCB series Waveguide Circulators cover frequency range 7000~10000MHz. 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)
QWCB-7000-7500	7000~7500	0.3	23	1.15	-40 ~ +85
QWCB-7200-8500	7200~8500	0.35	20	1.2	-40 ~ +85
QWCB-7900-8400	7900~8400	0.25	25	1.12	-40 ~ +85
QWCB-8500-9500	8500~9500	0.35	20	1.2	-40 ~ +85
QWCB-9000-10000	9000~10000	0.3	23	1.15	-40 ~ +85

### Power Handling

Forward Power: 100W  
 Reverse Power: 100W

### Mechanical

Size: 60.0\*60.0\*48.0mm  
 2.362\*2.362\*1.890in  
 Interface: WR-112 (BJ84)

### How To Order

#### QWCB-X-Y

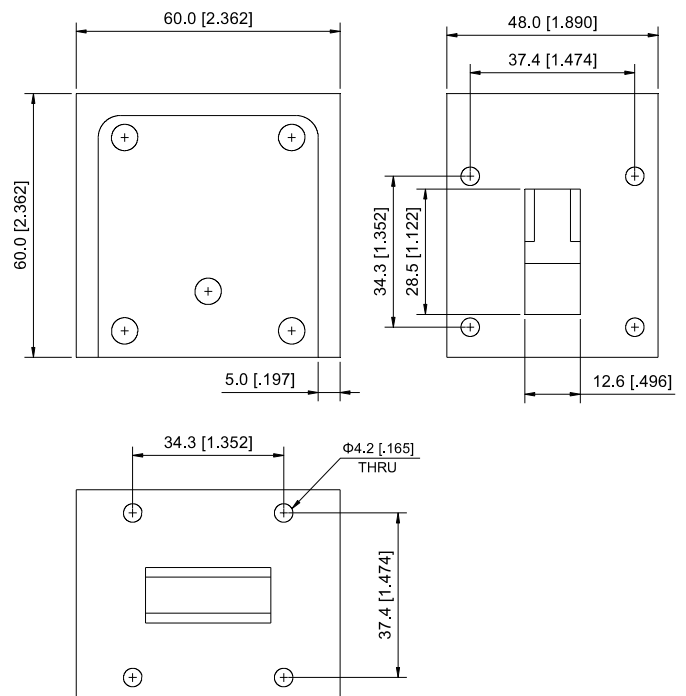
X: Start frequency in MHz  
 Y: Stop frequency in MHz

#### Examples:

To order a QWCB series circulator, 7000-7500MHz, specify QWCB-7000-7500.

Customization is available upon request.

### Outline Drawings



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