QCC6060E

High Power, High Isolation

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

Applications:
* Wireless
* Radar
* Laboratory Test

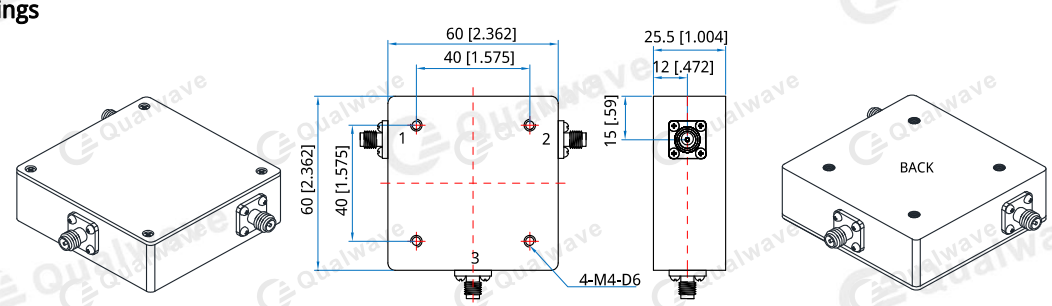
Description

QCC6060E series Coaxial Circulators cover frequency range 62~400MHz. 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)	IL (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Average Power (W)	Connector	Temperature (°C)
62~66	4	0.60	20.0	1.25	100	SMA	-20~+70
116~138	22	0.50	20.0	1.25	50, 100	SMA	-20~+70
130~180	50	0.70	17.0	1.35	100	SMA	0~+60
136~174	38	0.60	20.0	1.25	100	SMA	-20~+70
150~170	20	0.50	20.0	1.25	100	SMA	-20~+70
170~230	60	0.60	20.0	1.25	100	SMA	-20~+70

Outline Drawings



Outline A

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

Mechanical

Size[*1]: 60*60*25.5mm
2.362*2.362*1.004in
Mounting: 4-M4, depth 6mm

[1] Exclude connectors

Connector Naming Rules:

S - SMA Female (Outline A)

Direction Naming Rules:

1 - Clockwise
2 - Anticlockwise

How To Order

QCC6060E-V-W-X-Y-Z
V: Start frequency in MHz
W: Stop frequency in MHz
X: Average power in W
Y: Connector type
Z: Direction type

Examples:
To order a QCC6060E series Circulator, 62~66MHz, 100W, SMA female, Clockwise, specify QCC6060E-62-66-K1-S-1.

Customization is available upon request.