

QCCV

High Power, High Isolation

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

Applications:
 * Wireless
 * Radar
 * Laboratory Test

Description

QCCV series Dual Junction Coaxial Circulators cover frequency range 3500~7000MHz. 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)
QCCV-4200-4700	4200~4700	0.7	40	1.25	-40 ~ +85
QCCV-4400-5000	4400~5000	0.8	40	1.25	-40 ~ +85
QCCV-4900-5100	4900~5100	0.7	45	1.2	-40 ~ +85
QCCV-5000-5500	5000~5500	0.8	40	1.25	-40 ~ +85
QCCV-5400-5900	5400~5900	0.8	45	1.2	-40 ~ +85
QCCV-5600-6000	5600~6000	0.6	45	1.2	-40 ~ +85
QCCV-5700-6500	5700~6500	1	40	1.25	-40 ~ +85
QCCV-6000-7000	6000~7000	0.8	40	1.25	-40 ~ +85

Power Handling

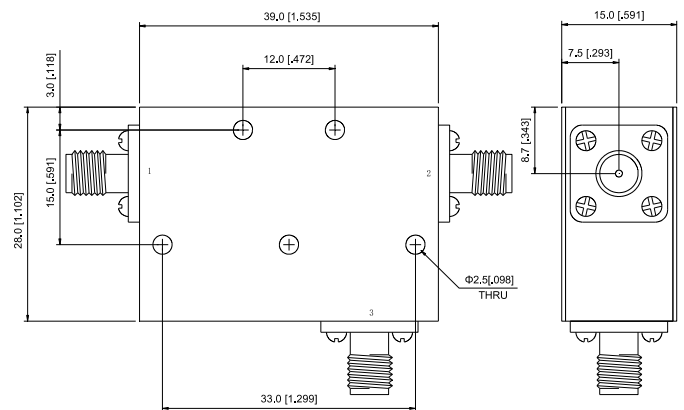
Forward Power: 30W
 Reverse Power: 30W

Mechanical

Size*1: 39.0*28.0*15.0mm
 1.535*1.102*0.591in
 Connectors: SMA

[1] Exclude connectors.

Outline Drawings



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

How To Order

QCCV-X-Y-Z-D

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Connector type

Connector naming rules:

S - SMA

Male Connector - Add 'M' after connector name

Examples:

To order a QCCV series circulator, 4200-4700MHz, SMA female, specify QCCV-4200-4700-S-D.

Customization is available upon request.