QCC1319C

High Power, High Isolation

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

Applications:
* Wireless
* Radar
* Laboratory Test

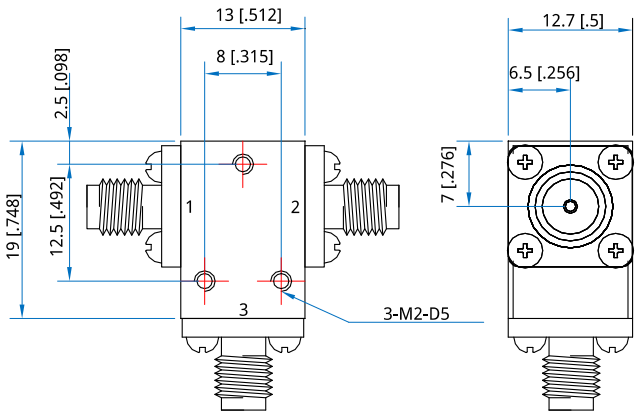
Description

QCC1319C series Coaxial Circulators cover frequency range 7~13GHz. 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)
7000~9000	2000	0.40	20.0	1.25	50	SMA	-30~+75
8000~12000	4000	0.50	18.0	1.30	30	SMA	-10~+60
9000~10200	1200	0.40	20.0	1.25	30	SMA	-10~+60
10000~11000	1000	0.30	23.0	1.20	30	SMA	-10~+60
10700~12700	2000	0.40	20.0	1.20	30	SMA	-10~+60

Outline Drawings



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

Mechanical

Size[*1]:	13*19*12.7mm
	0.512*0.748*0.5in
Mounting:	3-M2, depth 5mm

[1] Exclude connectors

Connector Naming Rules:

S - SMA Female

Direction Naming Rules:

1 - Clockwise
2 - Anticlockwise

How To Order

QCC1319C-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 QCC1319C series Circulator, 6~8GHz, 30W, SMA female, Clockwise, specify QCC1319C-6000-8000-30-S-1.

Customization is available upon request.