

NCC1319C

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

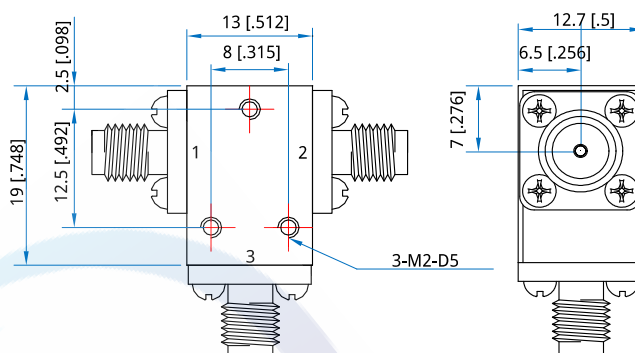
Description

NCC1319C 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	30 max.	SMA	-30~+75
7000~13000	6000	0.70	14.0	1.60	30 max.	SMA	0~+60
8000~12000	4000	0.50	18.0	1.30	30 max.	SMA	-10~+60
9000~10200	1200	0.40	20.0	1.25	30 max.	SMA	-10~+60
9100~9700	600	0.40	20.0	1.25	30 max.	SMA	-30~+75
10000~11000	1000	0.30	23.0	1.20	30 max.	SMA	-10~+60
10700~12700	2000	0.40	20.0	1.20	30 max.	SMA	-10~+60

Outline Drawings



Unit: mm [inch]

Tolerance: $\pm 0.2\text{mm}$ [$\pm 0.008\text{in}$]

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

NCC1319C-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 NCC1319C series Circulator, 8~12GHz, 30W, SMA female, Clockwise, specify NCC1319C-8000-12000-30-S-1. Customization is available upon request.