

QDC1319C

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

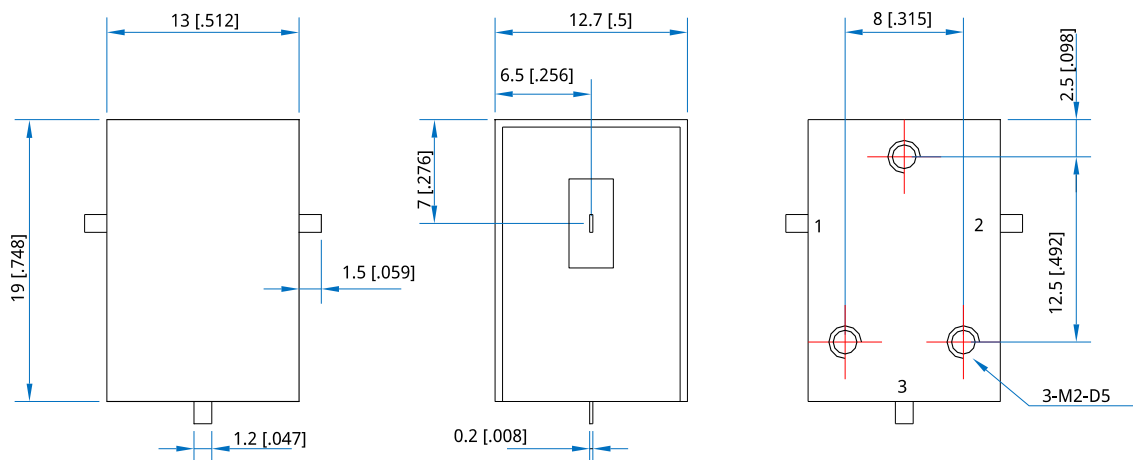
Description

QDC1319C series Drop-In Circulators cover frequency range 6~12GHz. 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)	Insertion Loss (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Average Power (W)	Temperature (°C)
8000~12000	4000	0.50	18.0	1.30	50	0~+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
Connector Type: Strip line
Mounting: 3-M2, depth 5mm

[1] Exclude connectors

Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

How To Order

QDC1319C-W-X-Y-Z

W: Start frequency in MHz

X: Stop frequency in MHz

Y: Average Power in W

Z: Direction type

Examples:

To order a QDC1319C series Circulator, 6~10GHz, 50W, Clockwise, specify QDC1319C-6000-10000-50-1.

Customization is available upon request.