

QDC1822D

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

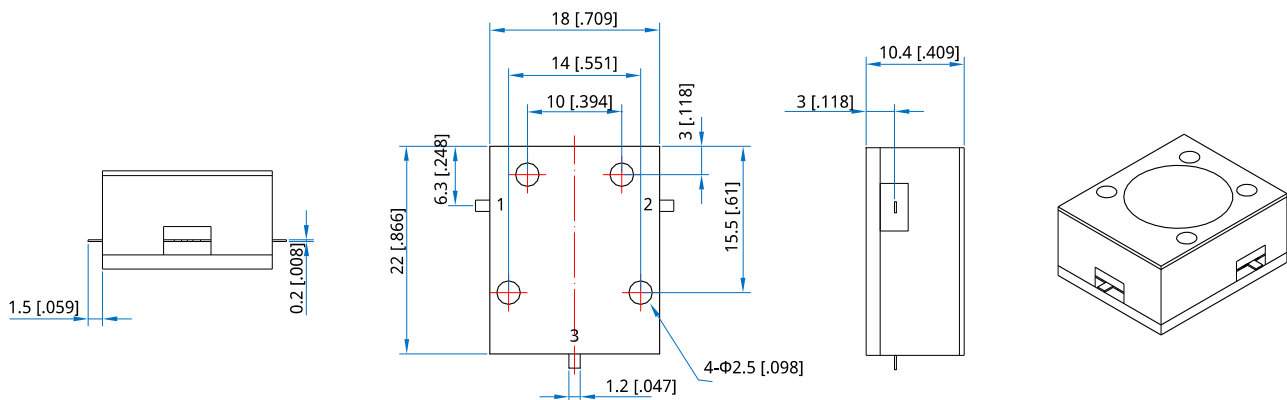
Description

QDC1822D series Drop-In Circulators cover frequency range 4~5GHz. 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)
4000~5000	1000	0.40	18.0	1.35	60	-30~+70
4350~5000	650	0.40	23.0	1.20	60	-30~+70

Outline Drawings



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

Mechanical

Size^{*1}: 18*22*10.4mm
0.709*0.866*0.409in
Connector Type: Strip line
Mounting: 4-Φ2.5mm through-hole

[1] Exclude connectors

Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

How To Order

QDC1822D-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 QDC1822D series Circulator, 4~5GHz, 60W, Clockwise, specify QDC1822D-4000-5000-60-1.

Customization is available upon request.