

QDI6466K

High Power, High Isolation

Features:

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

Applications:

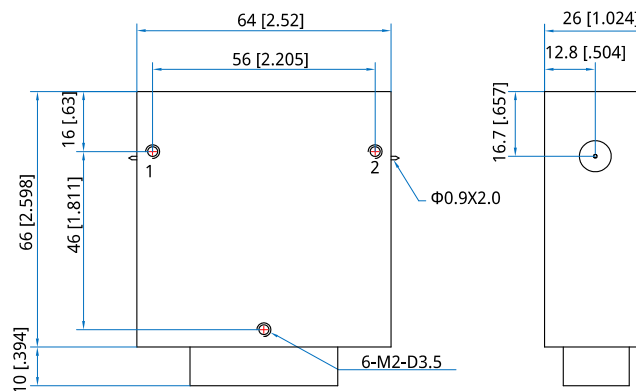
- * Wireless
- * Radar
- * Laboratory Test

Description

QDI6466K series Drop-In Isolators cover frequency range 950~2000MHz. 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.)	Fwd Power (W Max.)	Rev Power (W)	Temperature (°C)
950-2000	1050	0.65	16.0	1.40	100	10~100	0~+60
1000-2000	1000	0.60	17.0	1.40	100	10~100	0~+60

Outline Drawings


Unit: mm [inch]

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

Mechanical

Size^{*1}: 64*66*26mm

2.25*2.598*1.024in

Connector Type: Strip line

Mounting: 6-M2, depth 3.5mm

^[1] Exclude connectors and terminations.

Direction Naming Rules:

1 - Clockwise

2 - Anticlockwise

How To Order
QDI6466K-V-W-X-Y-Z

V: Start frequency in MHz

W: Stop frequency in MHz

X: Forward Power in W

Y: Reverse Power in W

Z: Direction type

Examples:

To order a QDI6466K series Isolator, 950~2000MHz, Forward power 100W, Reverse power 10W, Clockwise, specify QDI6466K-950-2000-K1-10-1.

Customization is available upon request.