

QCI3234A

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

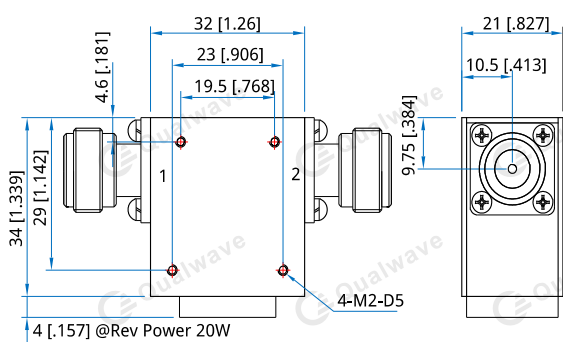
Description

QCI3234A series Coaxial Isolators cover frequency range 2000~4000MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

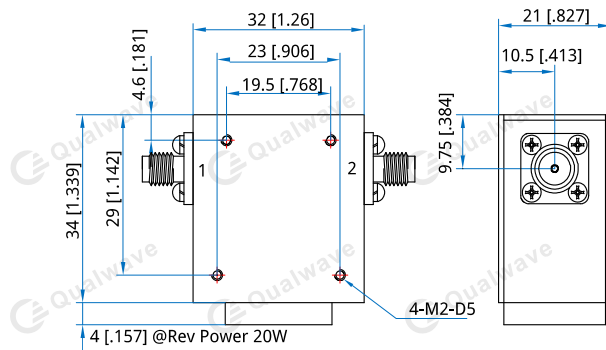
Specifications

Frequency (MHz)	Bandwidth (MHz)	IL (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Fwd Power (W Max.)	Rev Power (W)	Connector	Temperature (°C)	Outline Drawings
2000~3000	1000	0.60	18.0	1.30	100	20	SMA, N	0~+60	Outline A, B
2000~4000	2000	0.60	18.0	1.30	100	20	SMA, N	0~+60	Outline A, B
2000~4000	2000	0.50	18.0	1.30	100	100	SMA	0~+60	Outline D
2000~4000	2000	0.70	18.0	1.30	100	100	N	0~+60	Outline E
2000~4000	2000	0.60	18.0	1.30	150	100	N	0~+60	Outline C

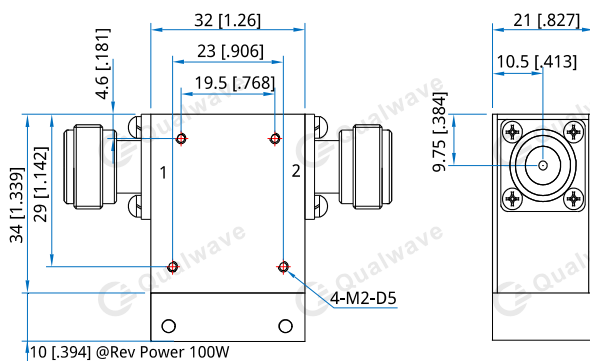
Outline Drawings



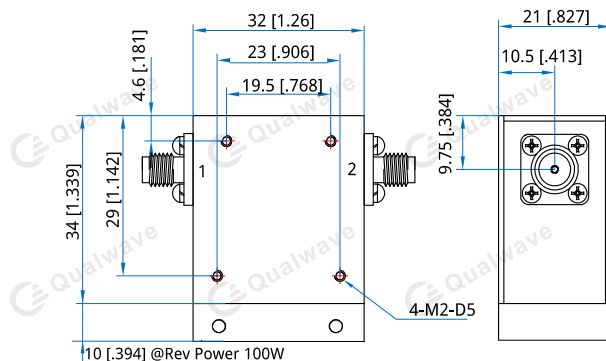
Outline A



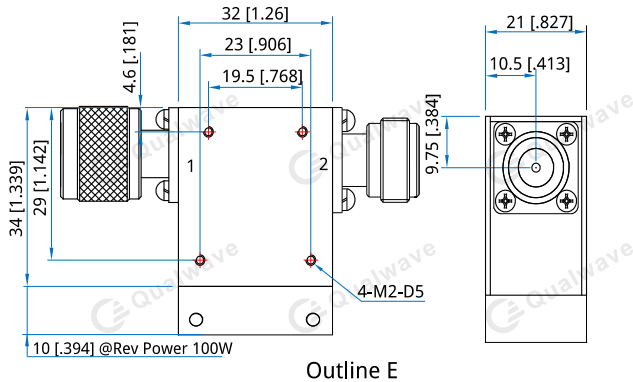
Outline B



Outline C



Outline D



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

Mechanical

Size^{*1}: 32*34*21mm
1.26*1.339*0.827in
Mounting: 4-M2, depth 5mm

[1] Exclude connectors and terminations.

Connector Naming Rules:

N - N Female (Outline A, C)
S - SMA Female (Outline B, D)
NMN - N Male, N Female (Outline E)

Direction Naming Rules:

1 - Clockwise
2 - Anticlockwise

How To Order

QCI3234A-U-V-W-X-Y-Z

U: Start frequency in MHz

V: Stop frequency in MHz

W: Forward power in W

X: Reverse power in W

Y: Connector type

Z: Direction type

Examples:

To order a QCI3234A series Isolator, 2000~4000MHz, Forward power 100W, Reverse power 20W, SMA female, Clockwise, specify QCI3234A-2000-4000-K1-20-S-1.

Customization is available upon request.