QDI2532X

High Power, High Isolation

Features:
* High Power
* High Isolation
* Low Insertion Loss
* Low VSWR

Applications:
* Wireless
* Radar
* Laboratory Test

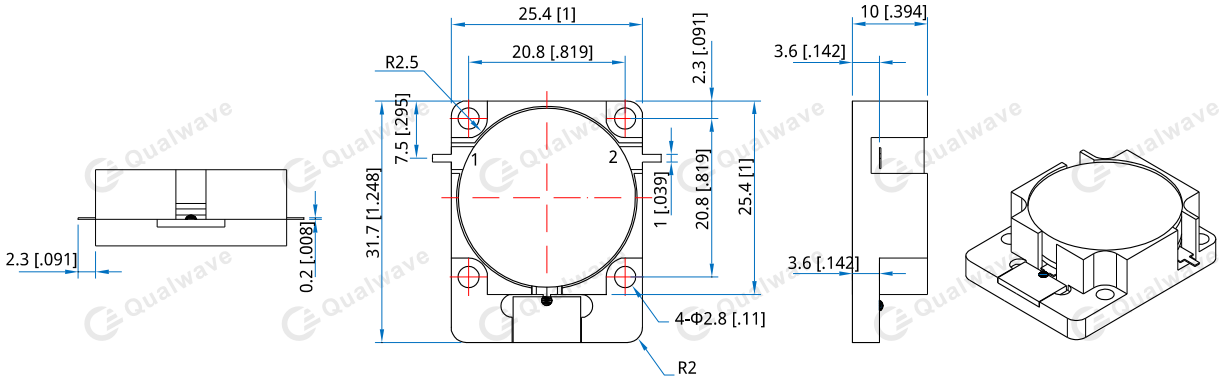
Description

QDI2532X series Drop-In Isolators cover frequency range 350~3800MHz. 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)
350~400	50	0.70	15.0	1.45	100	100	0~+60
746~870	124	0.40	20.0	1.20	250	100	-30~+70
850~960	110	0.40	20.0	1.25	250	100	-30~+70
869-894	25	0.25	25.0	1.20	250	100	-30~+70
885~915	30	0.25	25.0	1.20	250	100	-30~+70
920~960	40	0.25	25.0	1.20	250	100	-30~+70
960~1215	255	0.40	20.0	1.25	250	100	-30~+70
1030~1090	60	0.30	23.0	1.20	250	100	-30~+70
1300~1800	500	0.40	16.0	1.40	250	100	-30~+70
1500~1700	200	0.40	20.0	1.25	250	100	-30~+70
1700~1900	200	0.40	20.0	1.25	250	100	-30~+70
1710~2170	460	0.50	18.0	1.30	100	100	-30~+75
1880~2650	770	0.65	15.0	1.45	250	100	-30~+70
1900~2200	300	0.40	20.0	1.25	250	100	-30~+70
2000~2300	300	0.50	18.0	1.30	125	100	-40~+85
2100~2700	600	0.50	18.0	1.35	250	100	-30~+70
2300~2500	200	0.40	20.0	1.25	250	100	-30~+70
2300~2700	400	0.40	20.0	1.25	250	100	-30~+70
2400~2500	100	0.25	25.0	1.15	250	100	-30~+70
3400~3600	200	0.30	23.0	1.20	250	100	-30~+70
3600~3800	200	0.30	23.0	1.20	250	100	-30~+70

Outline Drawings



Unit: mm [inch] Tolerance: ±0.2mm [±0.008in]

Mechanical

Size[*1]:	25.4*31.7*10mm
	1*1.248*0.394in
Connector Type:	Strip line
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors and terminations.

Direction Naming Rules:

1 - Clockwise
2 - Anticlockwise

How To Order

QDI2532X-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 QDI2532X series Isolator, 3600~3800MHz, Forward power 250W, Reverse power 100W, Clockwise, specify QDI2532X-3600-3800-K25-K1-1.

Customization is available upon request.