

## QDI1220C

### High Power, High Isolation

**Features:**

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

**Applications:**

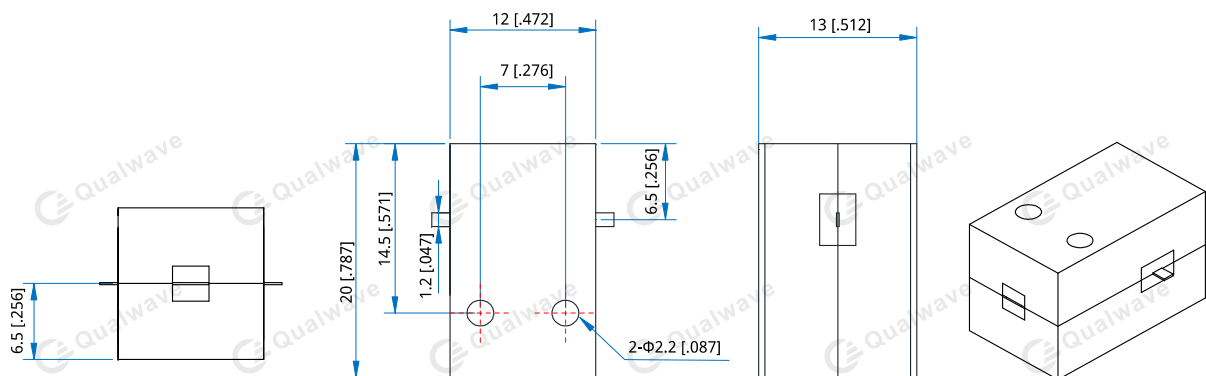
- \* Wireless
- \* Radar
- \* Laboratory Test

**Description**

QDI1220C series Drop-In Isolators cover frequency range 15~18GHz. 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)
15000~18000	3000	0.60	18.0	1.35	25	10	-30~+70

**Outline Drawings**


Unit: mm [inch]

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

**Mechanical**

Size <sup>*1</sup> :	12*20*13mm 0.472*0.787*0.512in
Connector Type:	Strip line
Mounting:	2-Φ2.2mm through-hole

[1] Exclude connectors and terminations.

**Direction Naming Rules:**

- 1 - Clockwise
- 2 - Anticlockwise

Customization is available upon request.

**How To Order**
**QDI1220C-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 QDI1220C series Isolator, 15~18GHz, Forward power 25W, Reverse power 10W, Clockwise, specify QDI1220C-15000-18000-25-10-1.