

## QPD3-138-960-50-N

### 3-Way, 0.138~0.96GHz

**Features:**

- \* Small Size
- \* Low Insertion Loss

**Applications:**

- \* Amplifiers
- \* Mixers
- \* Antennas
- \* Laboratory Test

**Electrical**

|                    |                                 |
|--------------------|---------------------------------|
| Frequency:         | 0.138~0.96GHz                   |
| Insertion Loss:    | 1.2dB max.                      |
| Input VSWR:        | 1.3 max.                        |
| Output VSWR:       | 1.25 max.                       |
| Isolation:         | 18dB min.                       |
| Amplitude Balance: | ±0.6dB                          |
| Phase Balance:     | ±6°                             |
| Impedance:         | 50Ω                             |
| Average Power:     | 50W max.<br>3W max. as combiner |

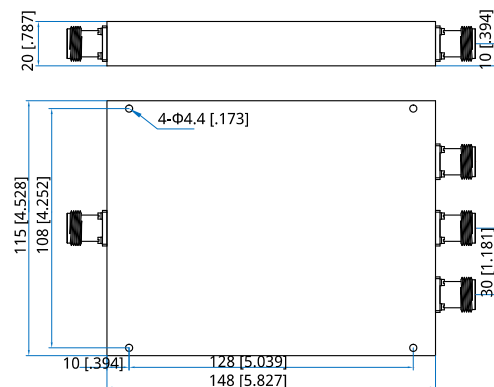
**Mechanical**

|             |                                     |
|-------------|-------------------------------------|
| Size*1:     | 148*115*20mm<br>5.827*4.528*0.787in |
| Weight:     | 1000g                               |
| Connectors: | N Female                            |
| Mounting:   | 4-Φ4.4mm through-hole               |

[1] Exclude connectors.

**Environmental**

|                        |           |
|------------------------|-----------|
| Operation Temperature: | -35~+75°C |
|------------------------|-----------|

**Outline Drawings**


Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

**How To Order**

**QPD3-138-960-50-N**

Customization is available upon request.