

## QPD3-7000-8000-20-S

### 3-Way, 7~8GHz

**Features:**

- \* Small Size
- \* Low Insertion Loss

**Applications:**

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

**Electrical**

|                    |                                 |
|--------------------|---------------------------------|
| Frequency:         | 7~8GHz                          |
| Insertion Loss:    | 1dB max.                        |
| Input VSWR:        | 1.3 max.                        |
| Output VSWR:       | 1.2 max.                        |
| Isolation:         | 20dB min.                       |
| Amplitude Balance: | 0.4dB max.                      |
| Phase Balance:     | ±4°                             |
| Impedance:         | 50Ω                             |
| Average Power:     | 20W max.<br>1W max. as combiner |

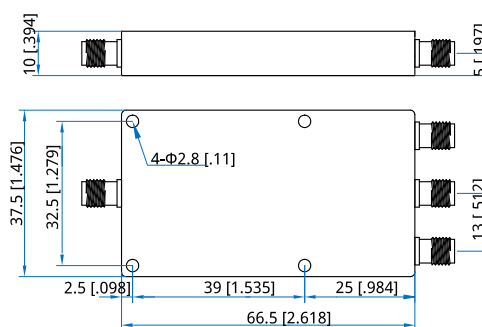
**Mechanical**

|                      |                                       |
|----------------------|---------------------------------------|
| Size* <sup>1</sup> : | 66.5*37.5*10mm<br>2.618*1.476*0.394in |
| Weight:              | 62g                                   |
| Connectors:          | SMA Female                            |
| Mounting:            | 4-Φ2.8mm through-hole                 |

[1] Exclude connectors.

**Environmental**

|                        |           |
|------------------------|-----------|
| Operation Temperature: | -45~+85°C |
|------------------------|-----------|

**Outline Drawings**


Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

**How To Order**

**QPD3-7000-8000-20-S**

Customization is available upon request.