

## QPD8-6000-67000-12-V

### 8-Way, 6~67GHz

Features:  
 \* Small Size  
 \* Low Insertion Loss

Applications:  
 \* Amplifiers  
 \* Mixers  
 \* Antennas  
 \* Laboratory Test

#### Electrical

|                                |  |
|--------------------------------|--|
| Frequency:                     | 6~67GHz                                    |
| Insertion Loss <sup>*1</sup> : | 6.2dB max.                                 |
| Input VSWR:                    | 1.9 max.                                   |
| Output VSWR:                   | 1.9 max.                                   |
| Isolation:                     | 15dB min.                                  |
| Amplitude Balance:             | ±1dB max.                                  |
| Phase Balance:                 | ±13° max.                                  |
| Impedance:                     | 50Ω  |
| Power @SUM Port:               | 12W max. as divider<br>1W max. as combiner |

[1] Excluding theoretical loss 9.0dB.

#### Mechanical

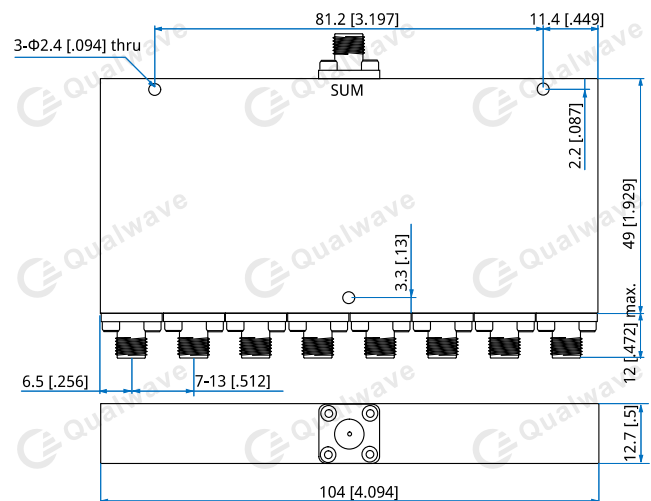
|                      |                                    |
|----------------------|------------------------------------|
| Size <sup>*2</sup> : | 49*104*12.7mm<br>1.929*4.094*0.5in |
| Connectors:          | 1.85mm Female                      |
| Mounting:            | 3-Φ2.4mm through-hole              |

[2] Exclude connectors.

#### Environmental

|                            |            |
|----------------------------|------------|
| Operation Temperature:     | -55~+85°C  |
| Non-operation Temperature: | -55~+100°C |

#### Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

#### How To Order

**QPD8-6000-67000-12-V**

Customization is available upon request.