

# QPD6-24000-44000-20-2

## 6-Way, 24~44GHz

Features:  
 \* Small Size  
 \* Low Insertion Loss

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

### Electrical

|                    |  |
|--------------------|--|
| Frequency:         | 24~44GHz                                   |
| Insertion Loss:    | 3.4dB max.                                 |
| Input VSWR:        | 1.7 max.                                   |
| Output VSWR:       | 1.7 max.                                   |
| Isolation:         | 18dB min.                                  |
| Amplitude Balance: | ±0.8dB max.                                |
| Phase Balance:     | ±10° max.                                  |
| Impedance:         | 50Ω  |
| Power @SUM Port:   | 20W max. as divider<br>1W max. as combiner |

### Mechanical

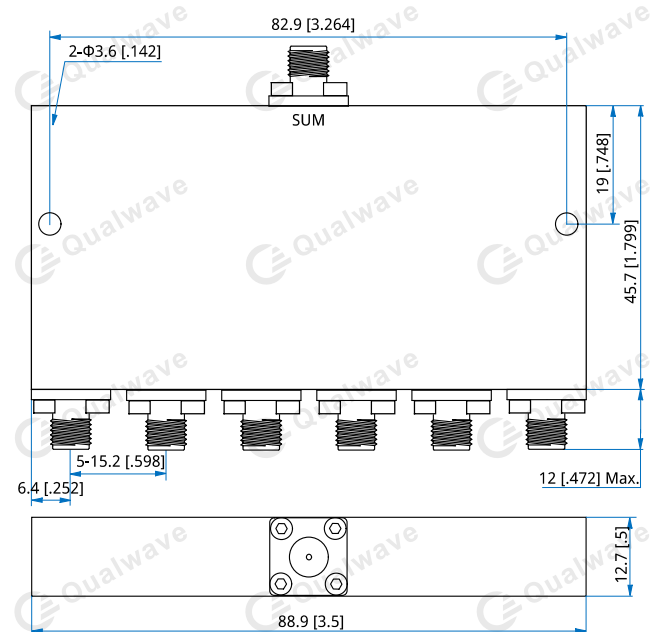
|                      |                                     |
|----------------------|-------------------------------------|
| Size <sup>*1</sup> : | 45.7*88.9*12.7mm<br>1.799*3.5*0.5in |
| Connectors:          | 2.4mm Female                        |
| Mounting:            | 2-Φ3.6mm through-hole               |

[1] 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

**QPD6-24000-44000-20-2**

Customization is available upon request.