

# QPD8-1000-6000-30-S

## 8-Way, 1~6GHz

Features:  
 \* Small Size  
 \* Low Insertion Loss

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

### Electrical

|                    |                                 |
|--------------------|---------------------------------|
| Frequency:         | 1~6GHz                          |
| Insertion Loss:    | 1.6dB max.                      |
| Input VSWR:        | 1.3 max.                        |
| Output VSWR:       | 1.2 max.                        |
| Isolation:         | 20dB min.                       |
| Amplitude Balance: | 0.3dB max.                      |
| Phase Balance:     | ±4°                             |
| Impedance:         | 50Ω                             |
| Average Power:     | 30W max.<br>2W max. as combiner |

### Mechanical

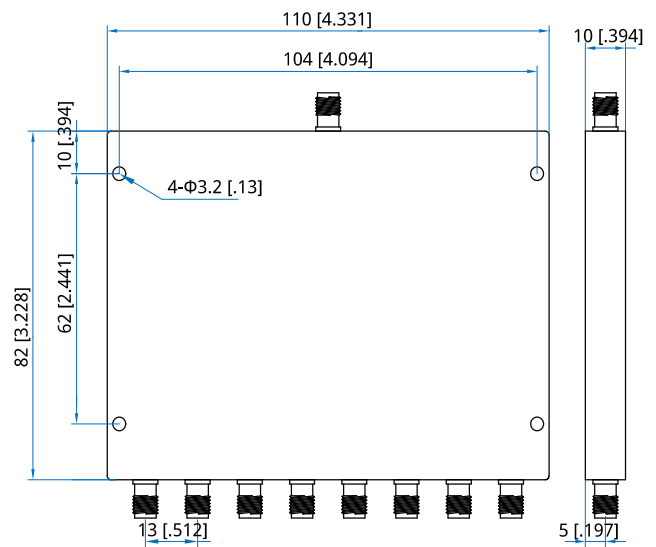
|             |   |
|-------------|---|
| Size*1:     | 110*82*10mm<br>4.331*3.228*0.394in          |
| Weight:     | 300g  |
| Connectors: | SMA Female ( Passivated<br>Stainless Steel) |
| Mounting:   | 4-Φ3.2mm through-hole                       |

[1] Exclude connectors.

### Environmental

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

### Outline Drawings



Unit: mm [in]  
 Tolerance: ±0.5mm [±0.02in]

### How To Order

**QPD8-1000-6000-30-S**

Customization is available upon request.