

# 2-Way Power Divider/Combiner

# QPD2-2000-18000-K1-S

2-Way, 2~18GHz

Features: \* Small Size

\* Low Insertion Loss

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

## Electrical

| Frequency:                          | 2~18GHz              |
|-------------------------------------|----------------------|
| Insertion Loss <sup>*1</sup> :      | 1dB max.             |
| VSWR:                               | 1.5 max.             |
| Amplitude Balance:                  | ±0.3dB max.          |
| Phase Balance:                      | ±4° max.             |
| Impedance:                          | 50Ω                  |
| Power @SUM Port:                    | 100W max. as divider |
| [1] Excluding theoretical loss 3dB. |                      |

#### Mechanical

| Size <sup>*2</sup> :    | 63*28*11mm            |  |
|-------------------------|-----------------------|--|
|                         | 2.48*1.102*0.433in    |  |
| RF Connectors:          | SMA Female            |  |
| Mounting:               | 4-Φ2.6mm through-hole |  |
| [2] Exclude connectors. |                       |  |

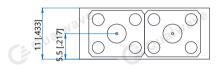
#### Environmental

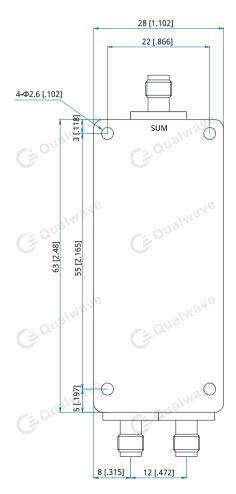
**Operation Temperature:** -55~+85°C

# How To Order QPD2-2000-18000-K1-S

Customization is available upon request.

## **Outline Drawings**







Unit: mm [in] Tolerance: ±0.2mm [±0.008in]

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