

## QLAS-0.1-40000-14-30

0.1MHz~40GHz, 14dB, 3.0dB

Features:  
 \* Broadband  
 \* Low Noise

Applications:  
 \* Wireless  
 \* Receiver  
 \* Laboratory Test  
 \* Radar



### Electrical

|                      |              |
|----------------------|--------------|
| Frequency:           | 0.1MHz~40GHz |
| Gain:                | 14dB typ.    |
| Gain Flatness:       | ±1dB typ.    |
| Output Power (P1dB): | 15dBm typ.   |
| Noise Figure:        | 3.0dB typ.   |
| Spurious:            | -60dBc max.  |
| VSWR:                | 1.8 typ.     |
| Voltage:             | +85~+265V AC |
| Impedance:           | 50Ω          |

### Absolute Maximum Ratings\*1

RF Input Power: +18dBm

[1] Permanent damage may occur if any of these limits are exceeded.

### Mechanical

Size\*2: 136\*186\*52mm  
 5.354\*7.323\*2.047in  
 RF Connectors: SMA Female

[2] Exclude connectors, rack mount brackets, handles.

### Environmental

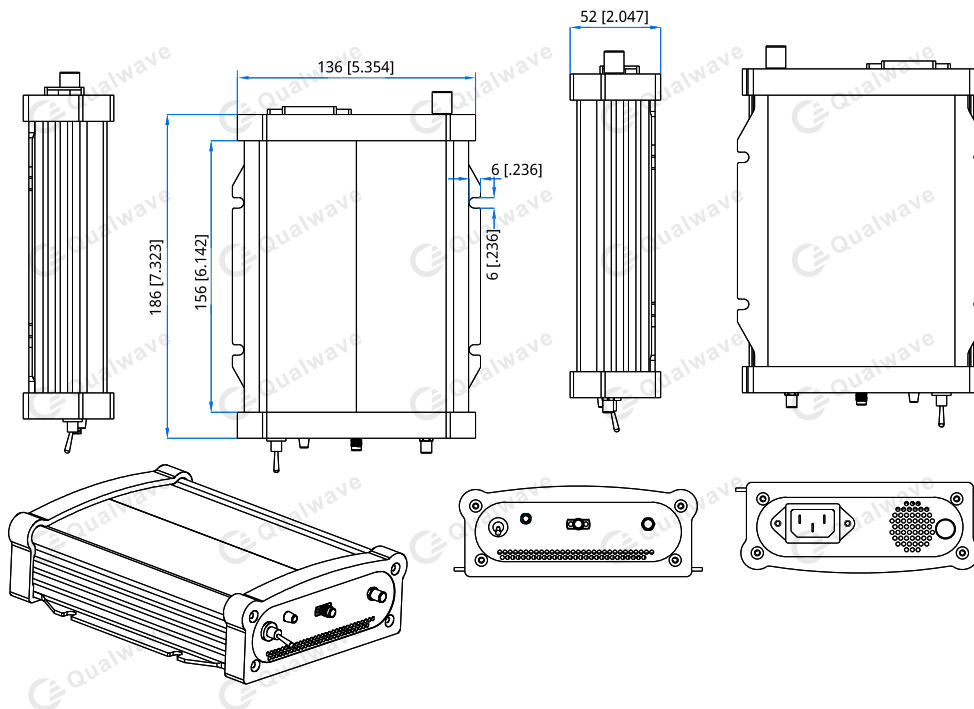
Operating Temperature: -20~+50°C  
 Non-operating Temperature: -40~+85°C

### How To Order

**QLAS-0.1-40000-14-30**

Customization is available upon request.

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]