

# QLA-100-6000-40-30

0.1~6GHz, 40dB, 3dB

Features:  
 \* Broad Band  
 \* Low Noise

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

## Electrical

Frequency:	0.1~6GHz
Gain:	40dB min.
Gain Flatness:	±2.5dB typ.
Output Power (P1dB):	+18dBm min.
Output Power (Psat):	+20dBm typ.
Noise Figure:	3dB max.
VSWR:	1.8 max.
Voltage:	+8V DC typ.
Current:	200mA max.
Impedance:	50Ω

## Absolute Maximum Ratings<sup>\*1</sup>

RF Input Power: +5dBm typ.

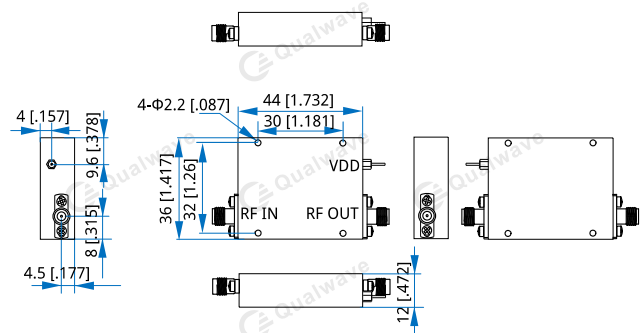
[1] Permanent damage may occur if any of these limits are exceeded.

## Mechanical

Size <sup>*2</sup> :	44*36*12mm 1.732*1.417*0.472in
RF Connectors:	SMA Female
Mounting:	4-Φ2.2mm through-hole

[2] Exclude connectors.

## Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

## How To Order

**QLA-100-6000-40-30**

Customization is available upon request.