

# QLA-1000-20000-25-35

1~20GHz, 25dB, 3.5dB

Features:  
 \* Broad Band  
 \* Low Noise

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

## Electrical

Frequency:	1~20GHz
Gain:	25dB typ.
Gain Flatness:	±2.5dB typ.
Output Power (P1dB):	21dBm typ.
Noise Figure:	3.5dB typ.
Spurious:	-60dBc max.
VSWR:	2.0 typ.
Voltage:	+12V DC
Current:	200mA typ.
Impedance:	50Ω
Input Power:	+10dBm max.

## Mechanical

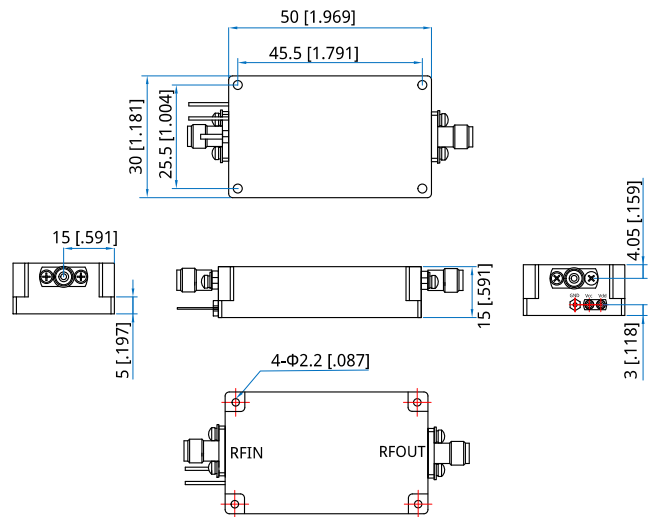
Size*1:	50*30*15mm 1.969*1.181*0.591in
Weight:	100g max.
RF Connectors:	2.92mm Female or SMA female
Mounting:	4-Φ2.2mm through-hole

[1] Exclude connectors.

## Environmental

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

## Outline Drawings



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

## How To Order

[QLA-1000-20000-25-35](#)

Customization is available upon request.