

# QLA-400-8000-40-25

0.4~8GHz, 40dB, 2.5dB

Features:  
 \* Broad Band  
 \* Low Noise

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

## Electrical

Frequency:	0.4~8GHz
Gain:	40dB min.
Gain Flatness:	±1.5dB max.
Output Power (P1dB):	+14dBm min.
Noise Figure:	2.5dB max.
Spurious:	-60dBc max.
Input VSWR:	2 typ.
Output VSWR:	1.8 typ.
Voltage:	+12V DC
Current:	200mA typ.
Impedance:	50Ω
Input Power:	+18dBm max.

## Mechanical

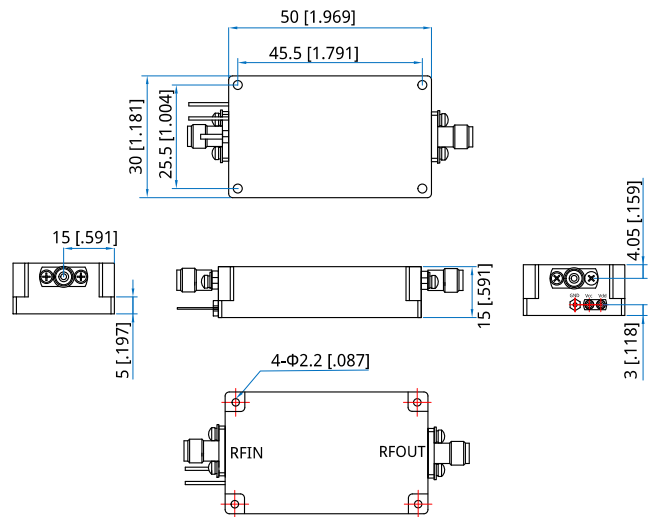
Size*1:	50*30*15mm 1.969*1.181*0.591in
Weight:	200g max.
RF Connectors:	SMA Female
Mounting:	4-Φ2.2mm through-hole

[1] Exclude connectors.

## Environmental

Operating Temperature:	-30~+75°C
Non-operating Temperature:	-40~+85°C

## Outline Drawings



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

## How To Order

**QLA-400-8000-40-25**

Customization is available upon request.