

# QLA-500-40000-43-50

0.5~40GHz, 43dB, 5dB

**Features:**  
 \* Broad Band  
 \* Low Noise

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

## Electrical

Frequency:	0.5~40GHz
Small Signal Gain:	43dB typ.
Gain Flatness:	±2.5dB typ.
Output Power (P1dB):	+18dBm typ.
Noise Figure:	5dB typ.
Spurious:	-60dBc max.
VSWR:	2 typ.
Voltage:	+12V DC
Current:	350mA typ.
Impedance:	50Ω
Input Power:	-15dBm max.

## Mechanical

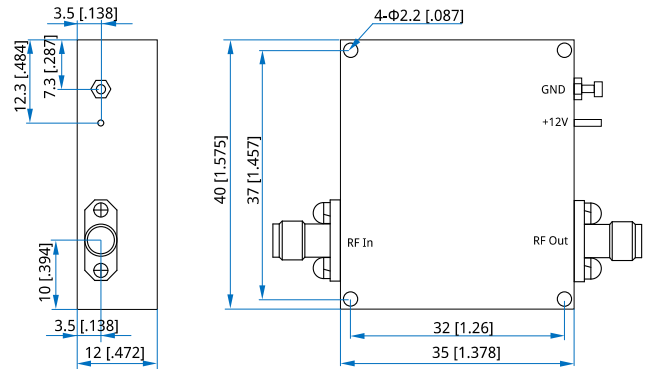
Size*1:	40*35*12mm 1.575*1.378*0.472in
RF Connectors:	2.92mm Female
Mounting:	4-Φ2.2mm through-hole

[1] Exclude connectors.

## Environmental

Operating Temperature:	-45~+85°C
Non-operating Temperature:	-55~+125°C

## Outline Drawings



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

## How To Order

**QLA-500-40000-43-50**

Customization is available upon request.