

# QLA-0.1-500-30-30

0.1~500MHz, 30dB, 3dB

Features:  
 \* Broad Band  
 \* Low Noise

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

## Electrical

Frequency:	0.1~500MHz
Gain:	30dB min.
Gain Flatness:	±0.5dB typ.
Output Power (P1dB):	+5dBm min.
Noise Figure:	3dB max.
IP3:	+15dBm min.
Spurious:	-60dBc max.
Harmonic:	-15dBc typ.
VSWR:	1.5 typ.
Voltage:	+5V DC
Current:	250mA typ.
Impedance:	50Ω
Input Power:	+10dBm max.

## Mechanical

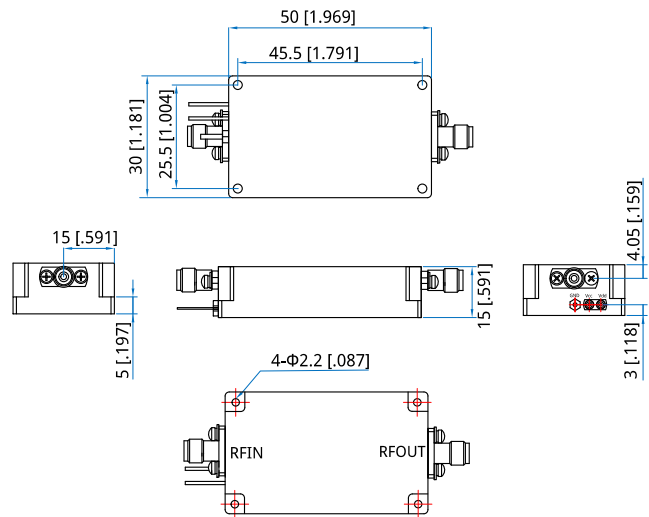
Size*1:	50*30*15mm 1.969*1.181*0.591in
Weight:	200g max.
RF Connectors:	SMA Female
Mounting:	4-Φ2.2mm through-hole

[1] Exclude connectors.

## Environmental

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

## Outline Drawings



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

## How To Order

**QLA-0.1-500-30-30**

Customization is available upon request.