

# QLA-18000-40000-30-35

18~40GHz, 30dB, 3.5dB

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

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

## Electrical

Frequency:	18~40GHz
Small Signal Gain:	30dB min.
Gain Flatness:	±2.5dB max.
Output Power (P1dB):	+8dBm min.
Noise Figure:	3.5dB max.
VSWR:	2.2 max..
Voltage:	+12V DC
Current:	160mA typ.
Impedance:	50Ω

## Mechanical

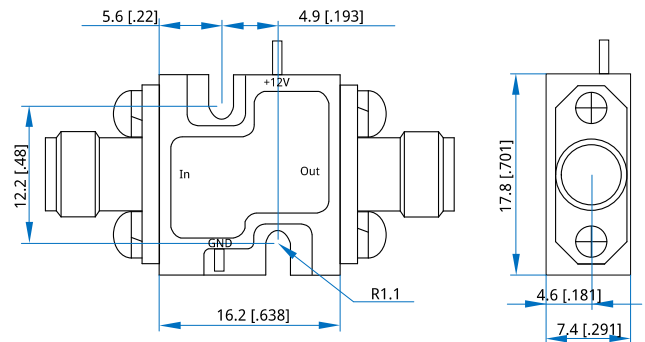
Size* <sup>1</sup> :	17.8*16.2*7.4mm
	0.701*0.638*0.291in
RF Connectors:	2.92mm Female

[1] Exclude connectors.

## Environmental

Operating Temperature:	-40~+70°C
Non-operating Temperature:	-55~+100°C

## Outline Drawings



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

## How To Order

**QLA-18000-40000-30-35**

Customization is available upon request.