

# QLA-18000-50000-40-55

18~50GHz, 40dB, 5.5dB

Features:  
 \* Broad Band  
 \* Low Noise

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

## Electrical

Frequency:	18~50GHz
Gain:	40dB min.
Gain Flatness:	±3dB typ.
Output Power (P1dB):	+13dBm min.
Output Power (Psat):	+15dBm typ.
Noise Figure:	5.5dB max.
VSWR:	1.8 max.
Voltage:	+6V DC typ.
Current:	420mA max.
Impedance:	50Ω

## Absolute Maximum Ratings<sup>\*1</sup>

RF Input Power: +5dBm typ.

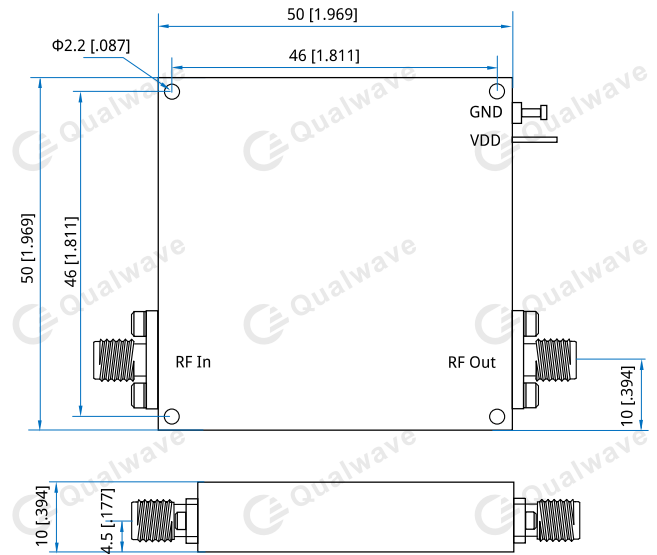
[1] Permanent damage may occur if any of these limits are exceeded.

## Mechanical

Size <sup>*2</sup> :	50*50*10mm 1.969*1.969*0.394in
RF Connectors:	2.4mm Female
Mounting:	4-Φ2.2mm through-hole

[2] Exclude connectors.

## Outline Drawings



Unit: mm [in]  
 Tolerance: ±0.5mm [±0.02in]

## How To Order

[QLA-18000-50000-40-55](#)

Customization is available upon request.