

# QLA-71000-86000-40-50

71~86GHz, 40dB, 5dB

Features:  
 \* Broad Band  
 \* Low Noise

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

## Electrical

Frequency:	71~86GHz
Gain:	40dB min.
Gain Flatness:	±3dB typ.
Output Power (P1dB):	+11dBm min.
Output Power (Psat):	+13dBm typ.
Noise Figure:	5dB max.
VSWR:	2.2 max.
Voltage:	+5V DC typ.
Current:	180mA max.
Impedance:	50Ω

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

RF Input Power: +5dBm typ.

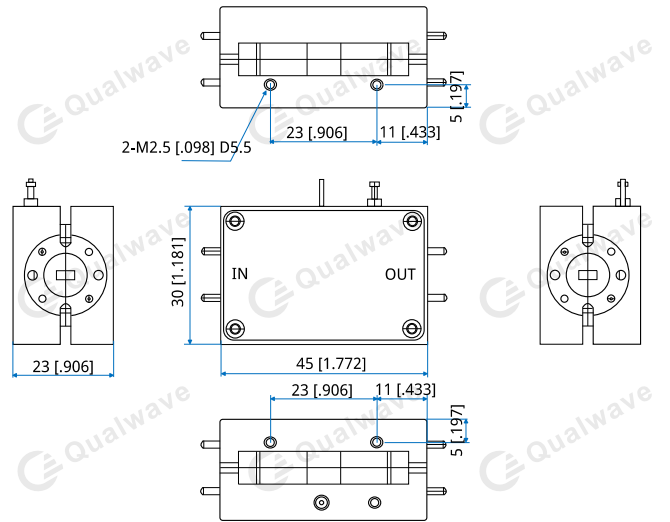
[1] Permanent damage may occur if any of these limits are exceeded.

## Mechanical

Size <sup>*2</sup> :	45*30*23mm 1.772*1.181*0.906in
Connectors:	WR-12 (BJ740)
Mounting:	2-M2.5 D5.5

[2] Exclude connectors.

## Outline Drawings



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

## How To Order

**QLA-71000-86000-40-50**

Customization is available upon request.