

# QLA-2000-8000-20-40

## 2~8GHz, 20dB, 4dB

Features:  
 \* Broad Band  
 \* Low Noise

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

### Electrical

Frequency:	2~8GHz
Gain:	20dB min.
Gain Flatness:	±1.5dB typ.
Output Power (P1dB):	8dBm typ.
Noise Figure:	4dB max.
Harmonic:	-15dBc typ.
Spurious:	-60dBc max.
Input VSWR:	1.6 typ.
Output VSWR:	1.6 typ.
Voltage:	+5V DC
Current:	200mA typ.
Impedance:	50Ω

### Mechanical

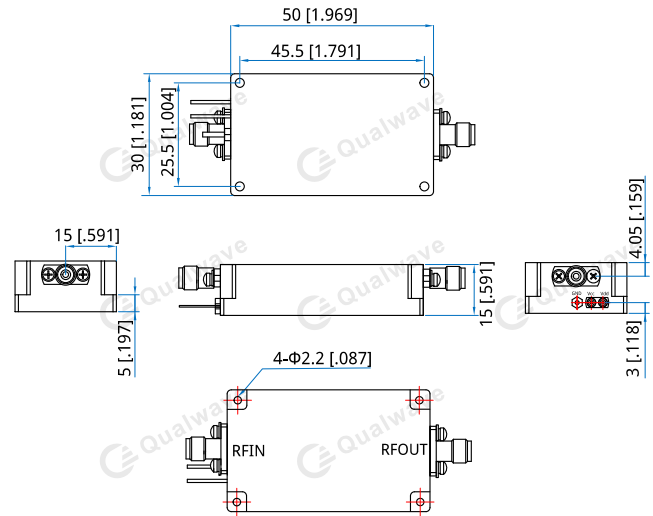
Size <sup>*1</sup> :	50*30*15mm 1.969*1.181*0.591in
RF Connectors:	2.92mm Female
Power Supply Connectors:	Feed Through/Terminal Post
Housing Material:	Aluminum
Mounting:	4-Φ2.2mm through-hole
Cooling:	External Heatsink (supplied on request only)

[1] Exclude connectors.

### Environmental

Operating Temperature:	-20~+60°C
Non-operating Temperature:	-55~+85°C

### Outline Drawings



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

### How To Order

**QLA-2000-8000-20-40**

Customization is available upon request.