

# QLA-50-90-15-32

## 50~90MHz, 15dB, 3.2dB

Features:  
 \* Broad Band  
 \* Low Noise

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

### Electrical

|                      |             |
|----------------------|-------------|
| Frequency:           | 50~90MHz    |
| Gain:                | 15dB min.   |
| Gain Flatness:       | ±0.2dB max. |
| Output Power (P1dB): | +10dBm min. |
| Noise Figure:        | 3.2dB max.  |
| IP3:                 | +25dBm min. |
| Spurious:            | -60dBc max. |
| VSWR:                | 1.5 typ.    |
| Voltage:             | +15V DC     |
| Current:             | 0.04mA typ. |
| Impedance:           | 50Ω         |
| Input Power:         | +10dBm max. |

### Mechanical

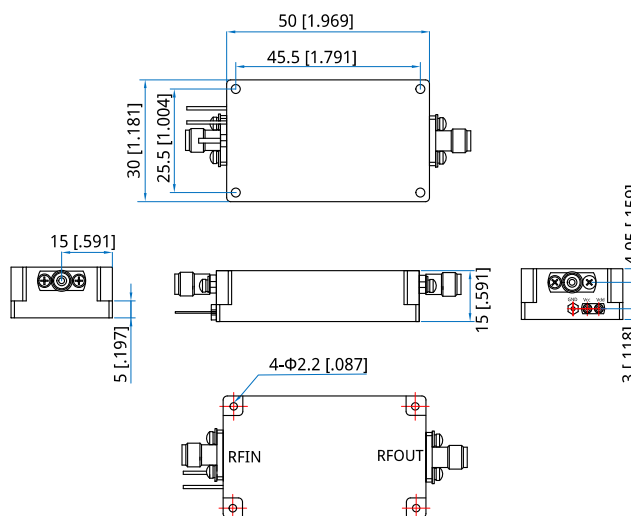
|                |                                   |
|----------------|-----------------------------------|
| Size*1:        | 50*30*15mm<br>1.969*1.181*0.591in |
| Weight:        | 200g max.                         |
| RF Connectors: | SMA Female                        |
| Mounting:      | 4-Φ2.2mm 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-50-90-15-32**

Customization is available upon request.