

# LOW NOISE AMPLIFIER

## MODEL ; R&K-LA1080-RS

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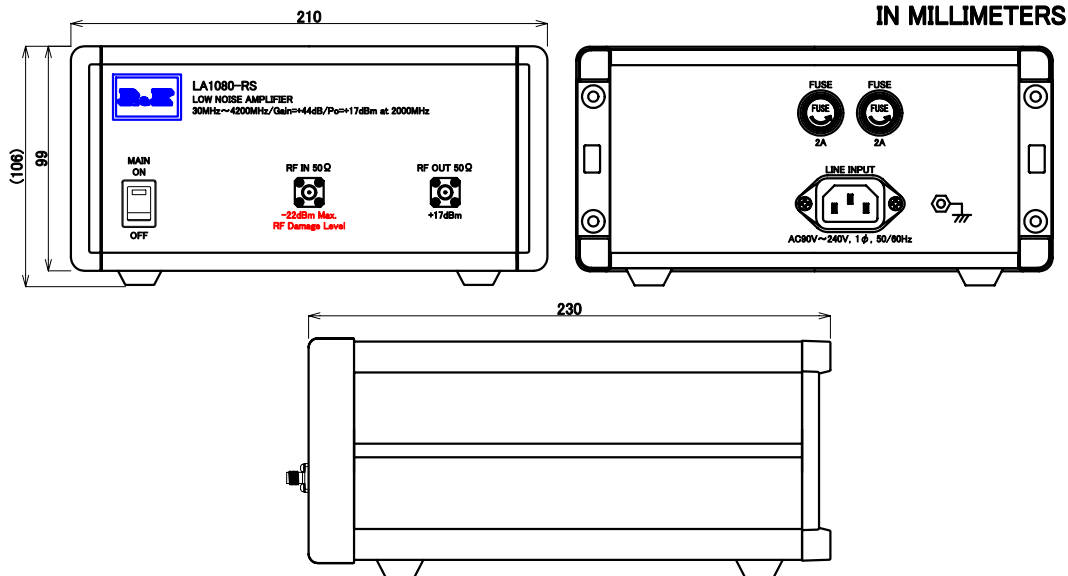
### SPECIFICATIONS

|                        |  |
|------------------------|--|
| Frequency Range        | ; 30 - 4200MHz                         |
| Small Signal Gain      | ; +47dB (typ.) @2GHz<br>; +44dB (min.) |
| Gain Flatness          | ; ±2.0dB (max.)                        |
| Output Power@1dB Comp. | ; +17dBm (min.) @2GHz                  |
| Output I.C.P.          | ; +32dBm (typ.) @2GHz                  |
| Noise Figure @+25°C    | ; 2.5dB (typ.)                         |
| -15°C to +45°C         | ; 3.3dB (max.)                         |
| Impedance              | ; 50 Ω                                 |
| Input Return Loss      | ; 20dB (typ.)                          |
| Output Return Loss     | ; 15dB (typ.)                          |
| AC Supply Input        | ; AC90~240V / 50~60Hz<br>; 20VA (max.) |
| Maximum RF Input Power | ; -22dBm                               |
| Operating Temperature  | ; -15°C to +45°C                       |
| Storage Temperature    | ; -15°C to +65°C                       |
| Connectors (In/Out)    | ; SMA-FEMALE                           |
| Weight                 | ; 3.0kg (max.)                         |

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### OUTLINE DRAWING

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NOTE ; Specifications subject to change without notice.

#### Revision History

| No | Date       | Details                 | Approved  |
|----|------------|-------------------------|-----------|
| 00 | 2019/3/14  | Original Issue          | Tomotaka  |
| 01 | 2019/03/26 | Dimension correction    | Yoshikazu |
| 02 | 2020/05/12 | Outline Drawing Changes | Yoshikazu |
| 03 | 2022/3/2   | Outline Drawing Changes | Yoshikazu |



株式会社  
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LA1080-RS

|             |             |            |
|-------------|-------------|------------|
| 三<br>角<br>法 | 縮尺<br>SCALE | 単位<br>UNIT |
|             | mm          | inch       |

作成年月日  
DRAWN

2019/3/14

SPECIFICATION

検認  
APPROVED

照査  
CHECKED

設計  
DESIGNED

作成  
DRAWN

Masahiko  
Suzuki

Masahiko  
Suzuki

Yoshikazu  
Sano

Yoshikazu  
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EK-20-1335-X-03