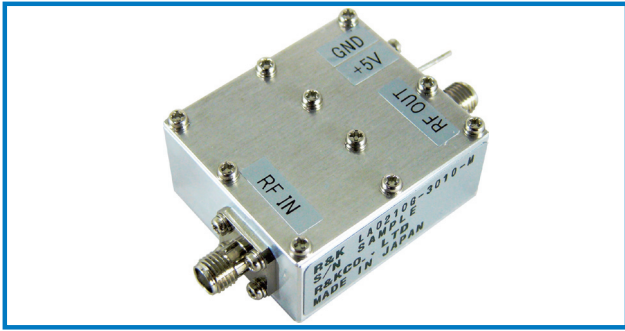
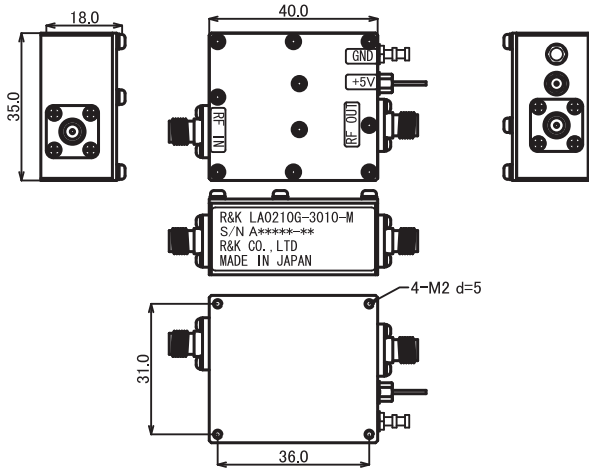


## R&K-LA0210G-3010-M



### OUTLINE DRAWING

※ IN MILLIMETERS



- Noise Figure : 3dB (typ.)
- Frequency : 2GHz ~ 10GHz
- Low Cost

### SPECIFICATIONS

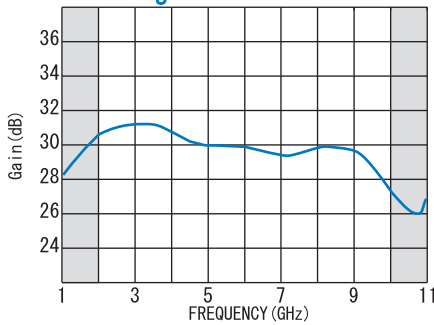
|                           |                            |
|---------------------------|----------------------------|
| Noise Figure @ +25°C      | : 3dB (typ.)               |
| -20°C to 60°C             | : 4.2dB (max.)             |
| Frequency Range           | : 2GHz-10GHz               |
| Small Signal Gain @ +25°C | : +29dB (typ.)             |
| -20°C to 60°C             | : +27dB (min.)             |
| Gain Flatness             | : ±2.0dB (max.)            |
| Output Power @1dB Comp.   | : +10dBm (min.)            |
| Output I.C.P              | : +22dBm (typ.)            |
| Impedance                 | : 50 Ω                     |
| Input VSWR                | : 1.5 : 1 (typ.)           |
| Output VSWR               | : 1.5 : 1 (typ.)           |
| DC Supply Input           | : +5V ±0.1V<br>300mA(max.) |
| Maximum Input             | : -10dBm                   |
| Operating Temperature     | : -10°C to +45°C           |
| Storage Temperature       | : -15°C to +60°C           |
| Connectors                | : SMA-Female               |
| Weight (Standard)         | : 70g (typ.)               |

### HOW TO ORDER

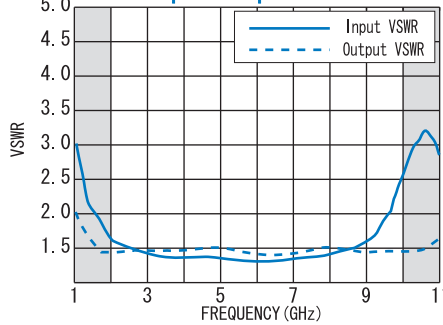
Model Name  
R&K-LA0210G-3010-M  No Option

### TYPICAL PERFORMANCE (Temp @ +25°C)

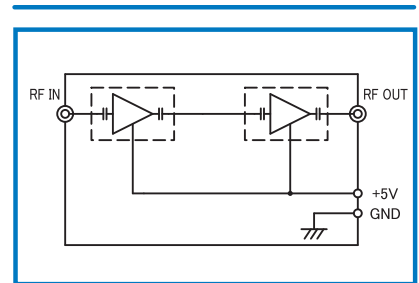
Small Signal Gain & Gain Flatness



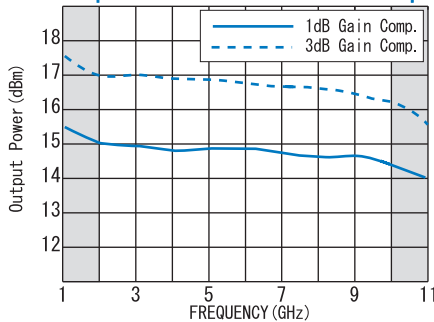
Input / Output VSWR



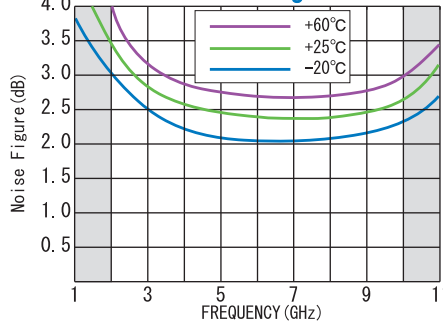
### SCHEMATIC



Output Power 1dB & 3dB Gain Comp.



Noise Figure



NOTE: Specifications subject to change without notice.

R&K reserves the right to make changes in the specifications of or discontinue products at any time without notice. R&K products shall not be used for or in connection with equipment that requires an extremely high level of reliability and safety such as aerospace uses or medical life support equipment. Further, R&K cannot export products to any country for use in military or defense applications.

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