LOW NOISE AMPLIFIER

R&K-LA070-0S

OUTLINE DRAWING

550mA
Δ1
Δ2

CHANGE  Δ1  28/Dec./2017  Δ2  30/May/2018

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, the export of R&K products from Japan may be subject to an export license by the government of Japan, based on Japan’s “Foreign Exchange and Foreign Trade Law.”

SPECIFICATIONS

- Noise Figure @+25°C: 0.85dB (typ.)
- Frequency Range: 1400 ~ 1550MHz
- Output Power @1dB Comp: +24dBm (min.)
- Small Signal Gain @+25°C: +46dB (typ.)
- Gain Flatness: ±0.5dB (max.)
- Output Power @1dB Comp: +24dBm (min.)
- Output I.C.P: +36dBm (typ.)
- Impedance: 50Ω
- Input VSWR: 1.3 : 1 (max.)
- Output VSWR: 1.7 : 1 (max.)
- DC Supply Input: +12V ± 0.5V
- Maximum Input: −16dBm
- Operating Temperature: −20°C to +60°C
- Storage Temperature: −30°C to +60°C
- Connectors: SMA-Female
- Weight (Standard): 190g (typ.)

HOW TO ORDER

Model Name
R&K-LA070-0S

No Option

TYPICAL PERFORMANCE (Temp @+25°C)

Input / Output VSWR

Schematic

Noise Figure

Output Power 1dB & 3dB Gain Comp.

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