

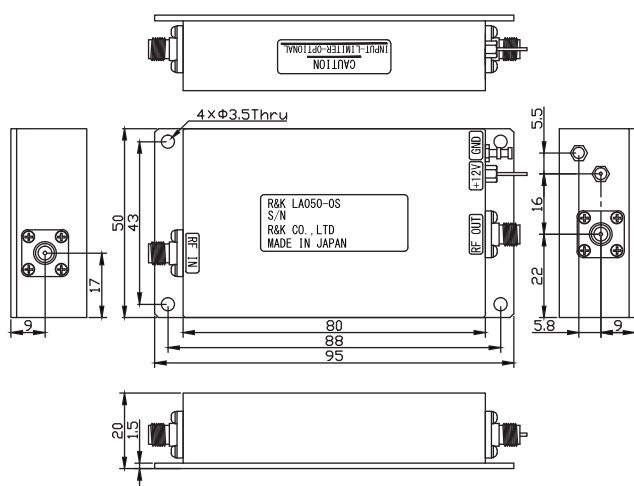
R&K-LA050-0S



OUTLINE DRAWING

※IN MILLIMETERS

Δ2



- Noise Figure : 0.85dB (typ.)
-20°C to +60°C : 1.2dB (max.)
- Frequency : 800 ~ 950MHz
- Output Power : +25dBm (min.)
- RoHS Compliance

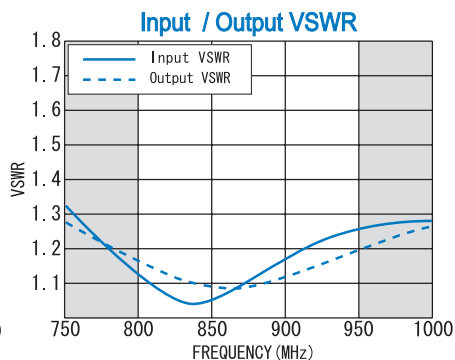
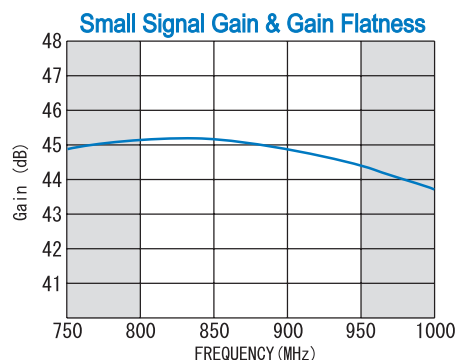
SPECIFICATIONS

- Noise Figure @+25°C : 0.85dB (typ.)
-20°C to 60°C : 1.2dB (max.)
- Frequency Range : 800 - 950MHz
- Small Signal Gain @+25°C : +44dB (typ.)
: +43dB (min.)
- Gain Flatness : ±0.5dB (max.)
- Output Power @1dB Comp. : +25dBm (min.)
- Output I.C.P : +37dBm (typ.)
- Impedance : 50Ω
- Input VSWR : 1.3 : 1 (max.)
- Output VSWR : 1.3 : 1 (max.)
- DC Supply Input : +12V ± 0.5V
: 550mA (max.) Δ1
- Maximum Input : -13dBm
- Operating Temperature : -20°C to +60°C
- Storage Temperature : -30°C to +60°C
- Connectors : SMA-Female
- Weight (Standard) : 190g (typ.)

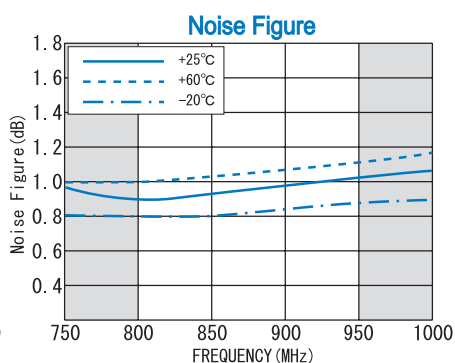
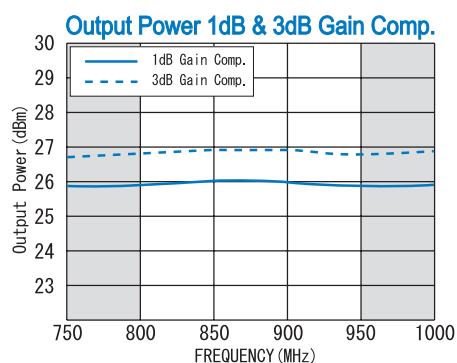
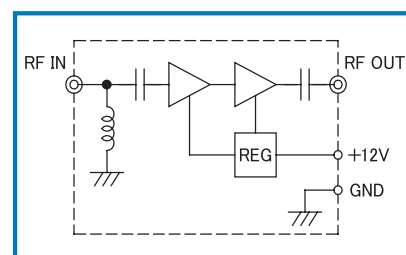
HOW TO ORDER

Model Name
R&K-LA050-0S No Option

TYPICAL PERFORMANCE (Temp @+25°C)



SCHEMATIC



* 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".

R&K Company Limited

721-1 Maeda, Fuji-City, Shizuoka-Pref.416-8577 Japan
Tel : +81-545-31-2600 E-mail : info@rkco.jp
Fax : +81-545-31-1600 URL : http://rk-microwave.com