

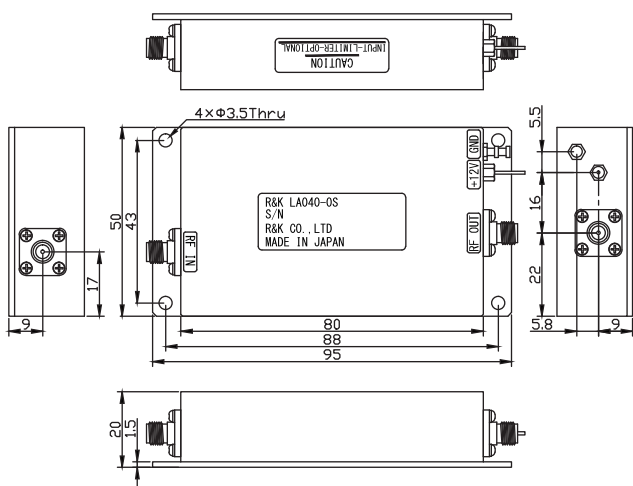
R&K-LA040-0S



OUTLINE DRAWING

※ IN MILLIMETERS

Δ 2



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

SPECIFICATIONS

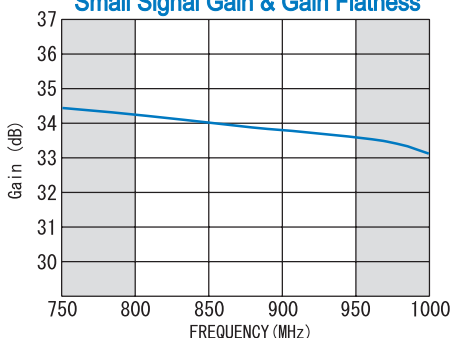
- Noise Figure @+25°C : 0.85dB (typ.)
-20°C to 60°C : 1.2dB (max.)
- Frequency Range : 800 - 950MHz
- Small Signal Gain @+25°C : +33dB (typ.)
: +32dB (min.)
- Gain Flatness : ±0.5dB (max.)
- Output Power @1dB Comp. : +25dBm (min.)
- Output I.C.P : +37dBm (typ.)
- Impedance : 50 Ω
- Input VSWR : 1.3 : 1 (max.)
- Output VSWR : 1.3 : 1 (max.)
- DC Supply Input : +12V ± 0.5V
: 430mA (max.) Δ 1
- Maximum Input : -2dBm
- Operating Temperature : -20°C to +60°C
- Storage Temperature : -30°C to +60°C
- Connectors : SMA-Female
- Weight (Standard) : 190g (typ.)

HOW TO ORDER

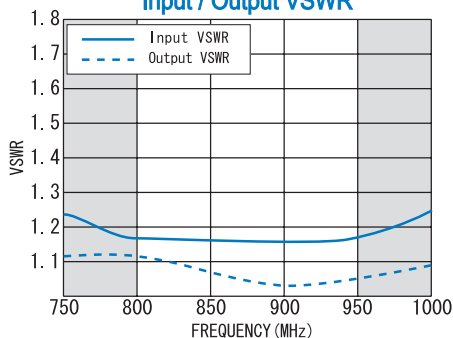
Model Name
R&K-LA040-0S No Option

TYPICAL PERFORMANCE (Temp @+25°C)

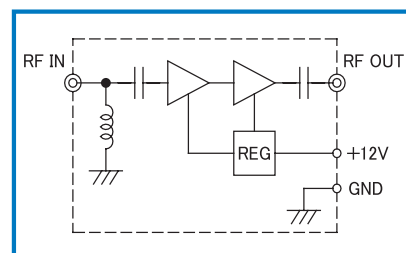
Small Signal Gain & Gain Flatness



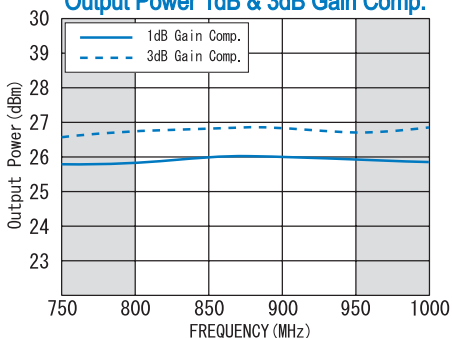
Input / Output VSWR



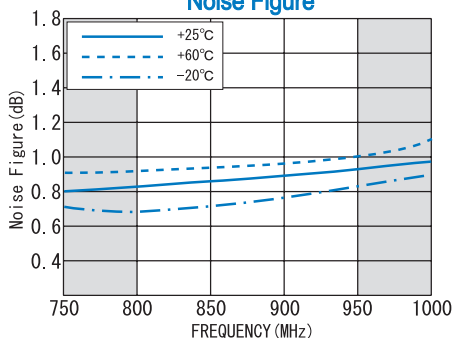
SCHEMATIC



Output Power 1dB & 3dB Gain Comp.



Noise Figure



* CHANGE Δ 1 28/Dec./2017 Δ 2 30/May/2018

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