

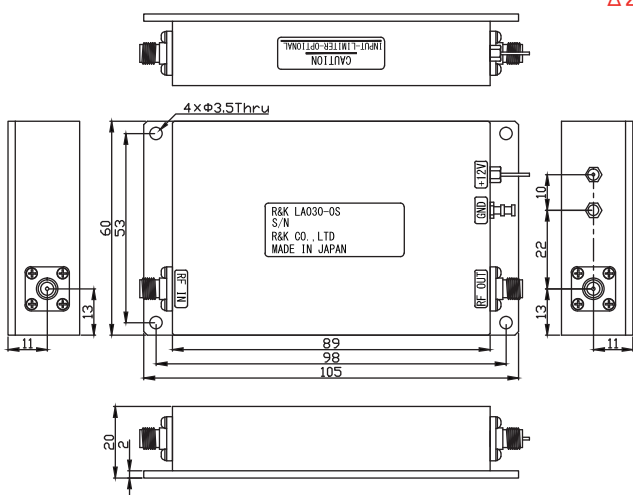
## R&K-LA030-0S



### OUTLINE DRAWING

※IN MILLIMETERS

△2



- Noise Figure : 0.85dB (typ.)  
-20°C to +60°C : 1.0dB (max.)
- Frequency : 350 ~ 500MHz
- Output Power : +27dBm (min.)
- RoHS Compliance

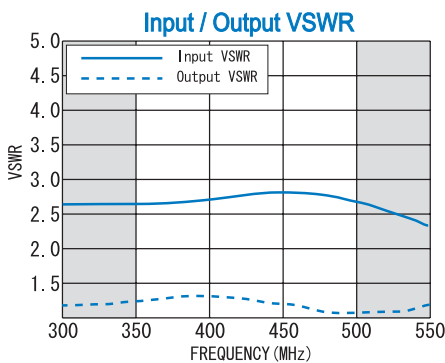
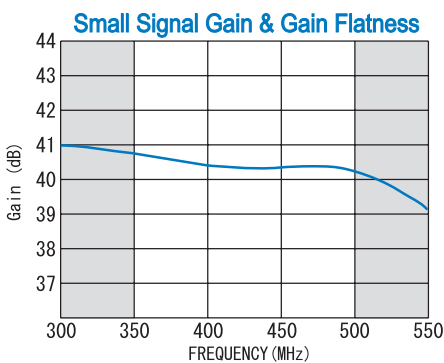
### SPECIFICATIONS

- Noise Figure @+25°C : 0.85dB (typ.)  
-20°C to 60°C : 1.0dB (max.)
- Frequency Range : 350 - 500MHz
- Small Signal Gain @+25°C : +40dB (typ.)  
: +39dB (min.)
- Gain Flatness : ±0.5dB (max.)
- Output Power @1dB Comp. : +27dBm (min.)
- Output I.C.P : +40dBm (typ.)
- Impedance : 50Ω
- Input VSWR : 1.3 : 1 (max.)
- Output VSWR : 3.0 : 1 (max.)
- DC Supply Input : +12V ± 0.5V  
: 300mA (max.) △1
- Maximum Input : -7dBm
- Operating Temperature : -20°C to + 60°C
- Storage Temperature : -30°C to + 60°C
- Connectors : SMA-Female
- Weight (Standard) : 220g (typ.)

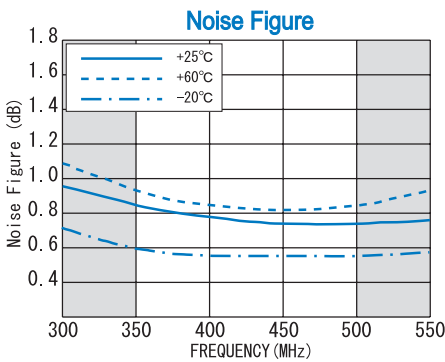
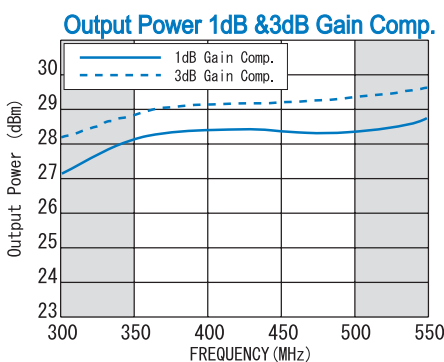
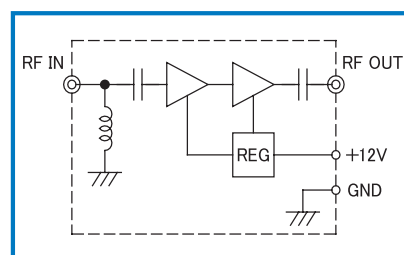
### HOW TO ORDER

Model Name  
R&K-LA030-0S No Option

### TYPICAL PERFORMANCE (Temp @+25°C)



### SCHEMATIC



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

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