SMALL SIGNAL AMPLIFIER

R&K-AA1030-0S

OUTLINE DRAWING
※ IN MILLIMETERS

TYPICAL PERFORMANCE (Temp @+25℃)

HOW TO ORDER
Model Name
R&K-AA1030-0S
No Option

SPECIFICATIONS
- Broadband Frequency: 9kHz ~ 4000MHz
- Output Power: +20dBm @2GHz
- Small Signal Gain: +12dB (typ.) @2GHz
- Gain Flatness: ±1.0dB (max.)
- Low Cost
- RoHS Compliance

Frequency Range: 9kHz ~ 4000MHz
Small Signal Gain: +12dB (typ.) @2GHz
Gain Flatness: ±1.0dB (max.)
Output Power@1dB Comp.: +20dBm (min.) @2GHz
Output I.C.P.: +30dBm (typ.) @2GHz
Noise Figure: 9.0dB (max.)
NOTE: N.F. value is only guaranteed in the range of 10MHz ~ 4000MHz.
Impedance: 50Ω
Input Return Loss: 10dB (typ.)
Output Return Loss: 10dB (typ.)
DC Supply Input: +12V ±0.5V
200mA (max.)
Maximum RF Input Power: +17dBm
Operating Temperature: −20℃ to +60℃
Storage Temperature: −20℃ to +80℃
Connectors: SMA-FEMALE
Weight: 79g (typ.)

NOTE: N.F. value is only guaranteed in the range of 10MHz ~ 4000MHz.

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