R&K ALM2527-4547-SMA

**POWER AMPLIFIER**

**TYPICAL PERFORMANCE (Temp @+25°C)**

- **Frequency Range**: 2500 ~ 2700MHz
- **Small Signal Gain**: 46dB (typ.)
- **Gain Flatness**: ±1.0dB (typ.)
- **Gain Flatness**: ±1.0dB (typ.)
- **Output Power**: +47dBm
- **Output Power**: 44dB (min.)
- **Gain Flatness**: ±1.0dB (typ.)
- **Output Power**: +46dB (min.)
- **Output I.C.P.**: +56dBm (typ.) @ 2600MHz
- **Gain Flatness**: ±1.0dB (typ.)
- **Noise Figure**: 11dB (max.)
- **Impedance**: 50Ω
- **Input VSWR**: 1.5:1 (typ.)
- **Output VSWR**: 2.5:1 (typ.)
- **DC Supply Input**: +12V ±0.5V
- **Maximum RF Input Power**: +3dBm
- **Operating Temperature**: −10°C to +45°C
- **Storage Temperature**: −15°C to +65°C
- **Connectors**: SMA-FEMALE
- **Weight**: 3kg (typ.)

**SPECIFICATIONS**

- **Model Name**: R&K-ALM2527-4547-SMA
- **No Option**

**HOW TO ORDER**

**Forced Air Cooling Required**

**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

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, R&K cannot export products to any country for use in military or defense applications.