**R&K-A100P2-SMA**

**Small Signal Gain & Gain Flatness**
- Frequency Range: 0.3 GHz to 4 GHz
- Small Signal Gain: +30 dB (typ.) @ 4 GHz
- Gain Flatness: ±2.0 dB (max.)

**Input / Output VSWR**
- Input VSWR: 2.0:1 (typ.)
- Output VSWR: 2.0:1 (typ.)

**Output Power @ 1 dB Comp.**
- Output Power: 14 dBm (min.) @ 4 GHz

**Noise Figure**
- Noise Figure: 6.0 dB (max.)

**Impedance**
- Impedance: 50 Ω

**Input VSWR**
- Input VSWR: 2.0:1 (typ.)

**Output VSWR**
- Output VSWR: 2.0:1 (typ.)

**DC Supply Input**
- DC Supply Input: 5V ±0.2V
- Maximum RF Input Power: 9 dBm (max.)

**Operating Temperature**
- Operating Temperature: -20°C to +60°C

**Storage Temperature**
- Storage Temperature: -20°C to +80°C

**Connectors**
- Connectors: SMA-FEMALE

**Weight**
- Weight: 50g (typ.)

**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.”**