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.

**R&K-IR1250H70SH-0S**

- **Image Rejection Ratio**: 25dBc (typ.)
- **High Input IP3**
- **Low Conversion Loss**
- **Low Cost**
- **RoHS Compliance**

**SPECIFICATIONS**

- **RF Frequency Range**: 1000 - 1500MHz
- **LO Frequency Range**: 1070 - 1570MHz
- **IF Frequency Range**: 70MHz ± 5%
- **Local Drive Level**: +23dBm to +26dBm
- **Conversion Loss**: 9dB (max.)
- **Image Rejection Ratio**: 25dBc (typ.)
- **LO-RF Isolation**: 20dB (min.)
- **LO-IF Isolation**: 20dB (min.)
- **RF-IF Isolation**: 8dB (min.)
- **Input Power 1dB Comp. Point**: +13dBm (typ.)
- **Input IP3**: +27dBm (typ.) @ 1250MHz
- **Impedance**: 50Ω
- **Maximum RF Input Power**: 1W
- **Operating Temperature**: -40°C to +85°C
- **Storage Temperature**: -40°C to +100°C
- **Connectors**: SMA-FEMALE
- **Weight**: 85g (typ.)

**TYPICAL PERFORMANCE (Temp @ +25°C)**

- **RF Band Width**
- **Conversion Loss**
- **Image Reject**
- **Isolation**

**SCHEMATIC**

**HOW TO ORDER**

Model Name
R&K-IR1250H70SH-0S
No Option