**R&K-SW1070-0S**

**OutLine Drawing**  ※IN MILLIMETERS

**Typical Performance**

**Specifications**

- **Frequency Range**: 9kHz ~ 6000MHz
- **Insertion Loss**: 4dB (max.)
- **Isolation (9kHz ~ 3GHz)**: 70dB (min.)
  (3GHz ~ 6GHz): 60dB (min.)
- **Impedance**: 50Ω
- **Return Loss (All Ports)**: 15dB (typ.)
- **Input Power 1dB Comp.**: +31dBm (min.) @2GHz
- **Input IP3**: +55dBm (typ.) @2GHz
- **Maximum RF Input Power**: +31dBm Through @2GHz
  +18dBm Terminated @2GHz
- **Switching Speed (Turn On)**: 250ns (typ.) / 50% Cont. to 90% RF
  (Turn Off): 200ns (typ.) / 50% Cont. to 10% RF

**Control Logic**

- **P2 Cont.**: H
- **P3 Cont.**: H
- **P4 Cont.**: H
- **P5 Cont.**: H
- **P6 Cont.**: H
- **P7 Cont.**: H
- **P8 Cont.**: H
- **Status**: Port1, 2, 3, 4, 5, 6, 7, 8

- **H = +5V C-MOS H or Open / L = +5V C-MOS L or Short to GND.**
- **DC Supply Input**: +5V ±0.5V / 120mA (max.)
- **Operating Temperature**: -25°C to +85°C
- **Storage Temperature**: -25°C to +85°C
- **Connectors**: SMA-MALE
- **Weight**: 300g (typ.)

**How to Order**

- **Model Name**: R&K-SW1070-0S
- **No Option**

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