### R&K-SW1030-0S

**Single Pole 8 Throw (SP8T) Switch**
- 9kHz ~ 6000MHz Operation
- Absorptive mode
- Pin max. +31dBm
- Low Cost
- RoHS Compliance

#### SPECIFICATIONS

- **Frequency Range**: 9kHz ~ 6000MHz
- **Insertion Loss**: 2.5dB (max.)
- **Isolation (9kHz ~ 3GHz)**: 28dB (min.)
  - (3GHz ~ 6GHz): 23dB (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): 150ns (typ.) / 50% Cont. to 10% RF

#### Control Logic
- H = +5V C-MOS H or Open / L = +5V C-MOS L or Short to GND.

#### DC Supply Input
- 5V ±0.5V, 100mA (max.)

#### Operating Temperature
- -25°C to +85°C

#### Storage Temperature
- -25°C to +85°C

#### Connectors
- SMA-FEMALE

#### Weight
- 170g (typ.)

#### HOW TO ORDER
- **Model Name**: R&K-SW1030-0S
- **No Option**

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