ANALOG PHASE SHIFTER

R&K-PS1900BW200-0S

OUTLINE DRAWING ※IN MILLIMETERS

### SPECIFICATIONS

- **Frequency Range**: 1800MHz ~ 2000MHz
- **Insertion Loss**: 6dB (max.)
- **Phase Control Voltage**: 0 ~ +12V
- **Phase Shift Range**: 0 ~ 360°
- **RoHS Compliance**

- **Frequency Range**: 1800 - 2000MHz
- **Phase Shift Range**: 0 ~ 360° (min.)
- **Phase Stability**: 2° (Peak max) Fix Temp.
- **Phase Control Voltage**: 0 ~ +12V / 1kΩ
- **Phase Control Linearity**: 15% (typ.)
- **Insertion Loss**: 6dB (max.)
- **Maximum RF Input Power**: +15dBm (max.)
- **Impedance**: 50Ω
- **In / Out VSWR**: 2.5:1 (typ.)
- **Input I.C.P.**: +17dBm (typ.)
- **Operating Temperature**: −20°C to +60°C
- **Storage Temperature**: −20°C to +80°C
- **Connectors (Standard)**: SMA-FEMALE
- **Connectors (Option)**: N-FEMALE
- **Weight (SMA Connector)**: 190g (typ.)

### HOW TO ORDER

Model Name
R&K-PS1900BW200-0S S = SMA - FEMALE N = N - FEMALE

### TYPICAL PERFORMANCE  Temp @+25°C

**Phase Characteristic**

**Input / Output VSWR**

**Control vs Loss & Phase CW 1800MHz @P=0dBm**

**Control vs Loss & Phase CW 1900MHz @P=0dBm**

**Control vs Loss & Phase CW 2000MHz @P=0dBm**

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