ANALOG PHASE SHIFTER

R&K-PS100BW20-0S

OUTLINE DRAWING  ※IN MILLIMETERS

- Frequency Range : 90MHz ~ 110MHz
- Insertion Loss : 7dB (max.)
- Phase Control Voltage: 0 ~ +12V
- Phase Shift Range : 0 ~ 360°
- RoHS Compliance

SPECIFICATIONS

- Frequency Range : 90 - 110MHz
- Phase Shift Range : 0 ~ 360° (min.)
- Phase Stability : 2° (Peak max) Fix Temp.
- Phase Control Voltage: 0 ~ +12V / 1kΩ
- DC - 100kHz (min.)
- Phase Control Linearity : 15% (typ.)
- Insertion Loss : 7dB (max.)
- Maximum RF Input Power : +15dBm (max.)
- Impedance : 50Ω
- In / Out VSWR : 2.0:1 (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) : BNC-FEMALE
- N-FEMALE
- Weight (SMA Connector) : 190g (typ.)

HOW TO ORDER

Model Name
R&K-PS100BW20-0S
S = SMA - FEMALE
B = BNC - FEMALE
N = N - FEMALE

TYPICAL PERFORMANCE (Temp @+25°C)

Phase Characteristic

Input / Output VSWR

Control vs Loss & Phase
CW 90MHz @Pin=0dBm

Control vs Loss & Phase
CW 100MHz @Pin=0dBm

Control vs Loss & Phase
CW 110MHz @Pin=0dBm

SCHEMATIC

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