**R&K-QH090-0S**

### OutLine Drawing

※ IN MILLIMETERS

**TOP VIEW**

**BOTTOM VIEW**

- 2 × 3 Mounting Hole
- 8-M2 5mm Deep

### Typical Performance (Temp @+25°C)

- **VSWR (All Ports)**
  - SUM Port
  - 0° Port
  - -90° Port

- **Isolation (dB)**

- **Coupling (dB)**
  - 0° Port
  - -90° Port

- **Phase Balance (deg)**

### How to Order

- **Model Name**
  - R&K-QH090-0S
- **S = SMA - FEMALE**
- **B = BNC - FEMALE**
- **N = N - FEMALE**

### Specifications

- **Frequency Range**: 125 ~ 250MHz
- **Insertion Loss**: 0.7dB (max.)
- **(Except Coupling Loss 3.0dB)**
- **Amplitude Balance**: 1.5dB (max.)
- **Isolation**: 18dB (min.)
- **Phase Balance**: ±4° (max.)
- **Phase Difference**: 90°
- **Between Output Ports**
- **VSWR (All Ports)**: 1.5:1 (max.)
- **Impedance**: 50Ω
- **Maximum RF Input Power**: 1W
- **Operating Temperature**: -40°C to +85°C
- **Storage Temperature**: -40°C to +100°C
- **Connectors (Standard)**: SMA-FEMALE
- **Connectors (Option)**: BNC-FEMALE, N-FEMALE
- **Weight (SMA Connector)**: 30g (typ.)

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