# QUADRATURE HYBRID

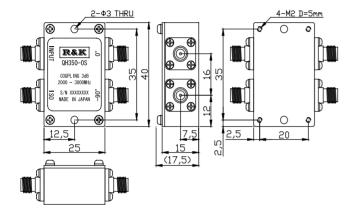


### R&K-QH350-0S



#### **OUTLINE DRAWING**

**XIN MILLIMETERS** 



■ 2Way-90°

■ Frequency Range : 2000~3000MHz

■ High Power 120W
■ Low Insertion Loss
■ RoHS Compliance

#### **SPECIFICATIONS**

Frequency Range : 2000 - 3000MHz Insertion Loss : 0.5dB (max.)

(Except Coupling Loss 3.0dB)

Amplitude Balance : 1.0dB (max.) Isolation : 20dB (min.) Phase Balance :  $\pm 4^{\circ}$  (max.)

Phase Difference : 90°

Between Output Ports

 $\begin{array}{lll} \text{VSWR (All Ports)} & : 1.3:1 \text{ (max.)} \\ \text{Impedance} & : 50 \, \Omega \\ \text{Maximum RF Input Power} & : 120W \\ \end{array}$ 

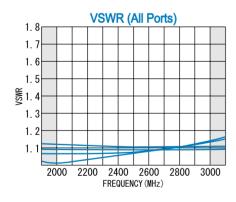
Operating Temperature  $: -40^{\circ}\text{C} \text{ to } + 85^{\circ}\text{C}$ Storage Temperature  $: -40^{\circ}\text{C} \text{ to } + 100^{\circ}\text{C}$ Connectors (Standard) : SMA-FEMALEWeight (SMA Connector) : 45g (typ.)

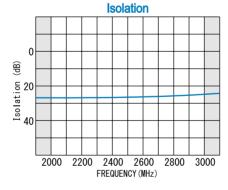
#### **HOW TO ORDER**

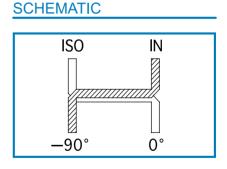
Model Name R&K-QH350-0<u>\$</u>

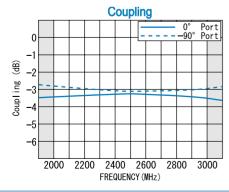
No Option

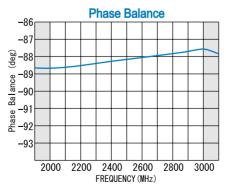
#### TYPICAL PERFORMANCE (Temp @+25°C)











R&K reserves the right to make changes in the specifications of or discontinue products at any time without notice. R&K products shall not be used for or in connection with equipment that requires an extremely high level of reliability and safety such as aerospace uses or medical life support equipment. Further, R&K cannot export products to any country for use in military or defense applications.

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