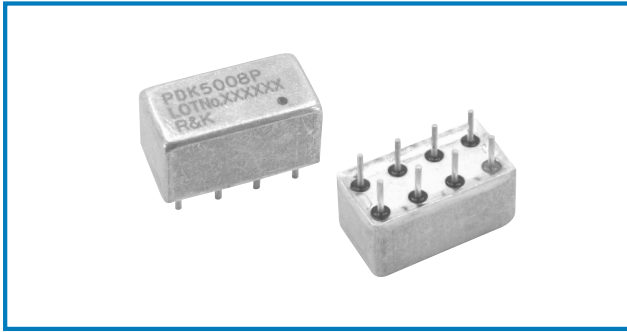
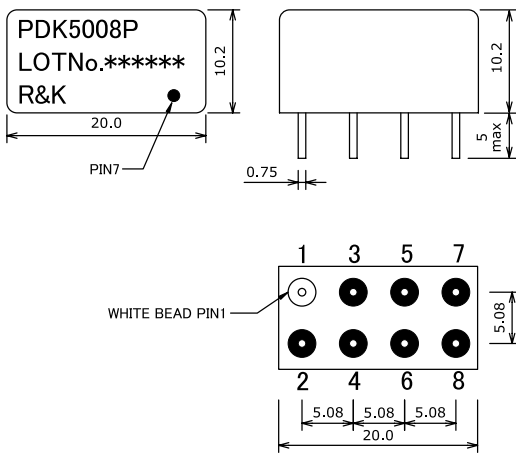


R&K-PDK500



OUTLINE DRAWING

※IN MILLIMETERS



- Frequency : 0.1MHz-150MHz
- 2Way-0° Low-Loss High-Isolation
- Low Cost / 8PIN Package
- RoHS Compliance

SPECIFICATIONS

Frequency Range : 0.1-150MHz
 Insertion Loss (Except Theoretical Loss 3.0dB)

	0.1 - 50MHz	50 - 100MHz	100 - 150MHz
Typ.	0.3dB	0.5dB	0.5dB
Max.	0.5dB	0.8dB	0.8dB

Isolation

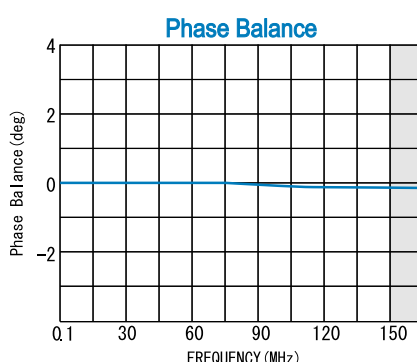
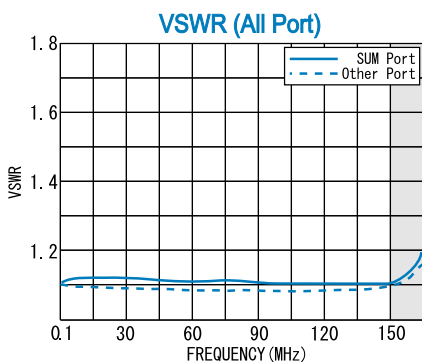
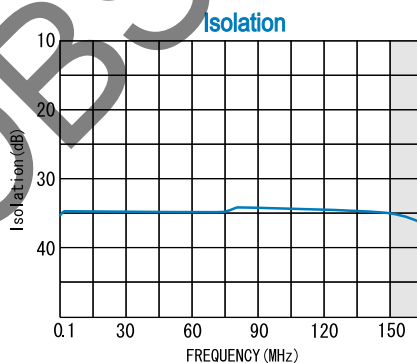
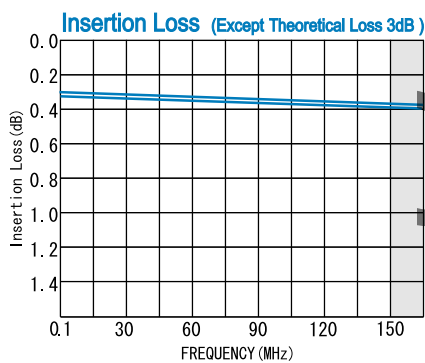
	0.1 - 50MHz	50 - 100MHz	100 - 150MHz
Typ.	35dB	35dB	35dB
Min.	30dB	30dB	30dB

- Amplitude Balance : 0.2dB (max.)
- Phase Balance : 2.0deg (max.)
- Phase Difference : 0°
- VSWR : 1.4:1 (max.)
- Impedance (All Ports) : 50Ω
- Maximum RF Input Power : 1W (max.)
- Internal Load Dissipation : 0.1W
- Operating Temperature : -40°C to + 85°C
- Storage Temperature : -40°C to +100°C

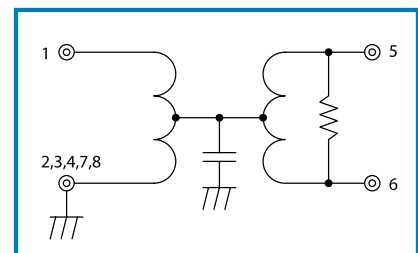
HOW TO ORDER

Model Name
R&K-PDK5008P 8P=8PIN Package

TYPICAL PERFORMANCE (Temp @+25°C)



SCHEMATIC



Function	Pin No.
SUM	1
PORT-1	5
PORT-2	6
GND	2,3,4,7,8

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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