

POWER DIVIDER/COMBINER

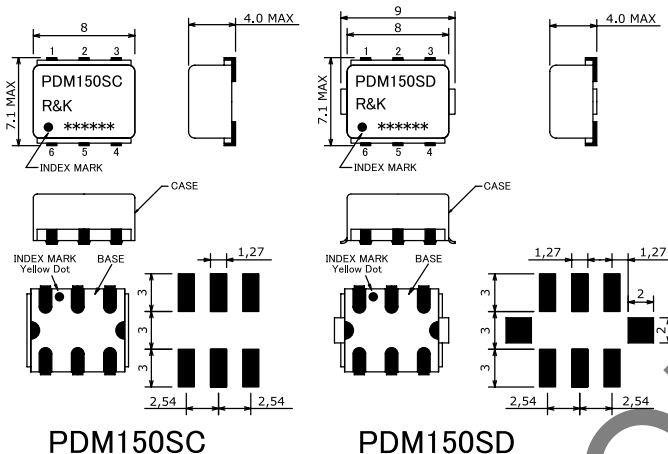


R&K-PDM150



OUTLINE DRAWING

※IN MILLIMETERS



- Frequency : 1400MHz-1600MHz
- 2Way-0° Low-Loss High-Isolation
- Small & Low Cost / Surface Mount
- RoHS Compliance

SPECIFICATIONS

Frequency Range : 1400-1600MHz
Insertion Loss (Except Theoretical Loss 3.0dB)

		1400 - 1600MHz	
Typ.		0.6dB	
Max.		0.9dB	

Isolation

		1400 - 1600MHz	
Typ.		25dB	
Min.		20dB	

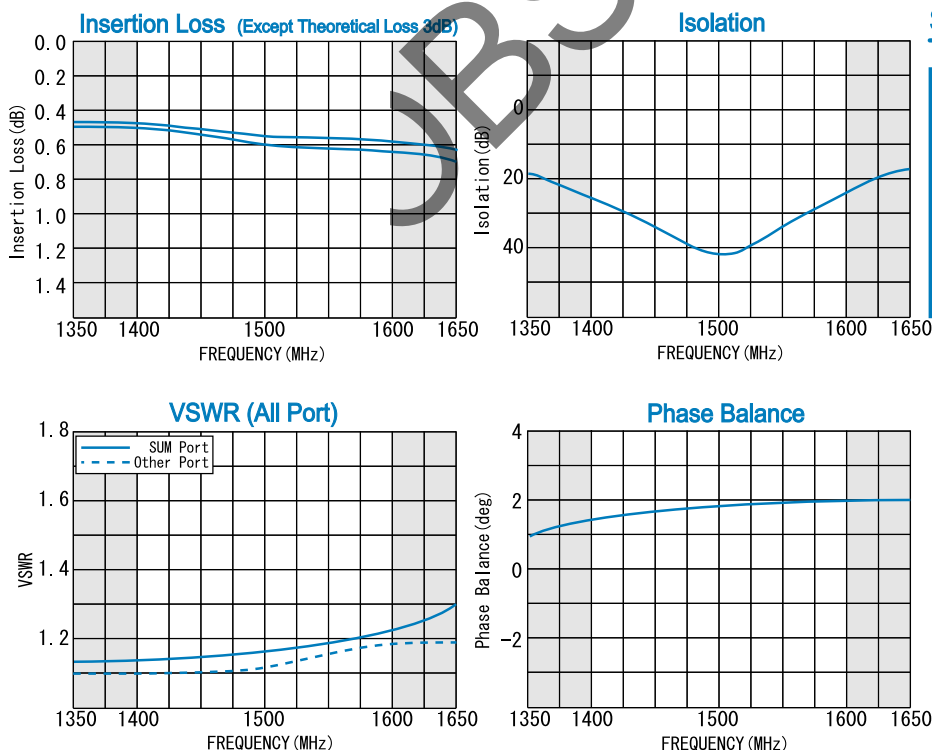
Amplitude Balance : 0.6dB (max.)
Phase Balance : 5.0deg (max.)
Phase Difference : 0°
VSWR (All Ports) : 1.3:1 (max.)
Impedance (All Ports) : 50 Ω
Maximum RF Input Power : 1W (max.)
Internal Load Dissipation : 0.1W
Operating Temperature : -40°C to + 85°C
Storage Temperature : -40°C to + 100°C
Max.Reflow Soldering Temp. : 260°C, 10sec.
Reflow Soldering Repeatability : 3 times
Weight (Standard) : 0.46g (typ.)

HOW TO ORDER

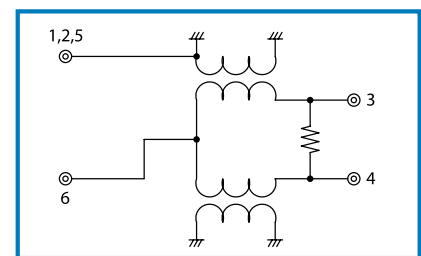
Model Name
R&K-PDM150SC-BLK

BLK=Antistatic bag
TR1=Tape & Reel Package
SC=Case Type of SC
SD=Case Type of SD

TYPICAL PERFORMANCE (Temp @+25°C)



SCHEMATIC



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

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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