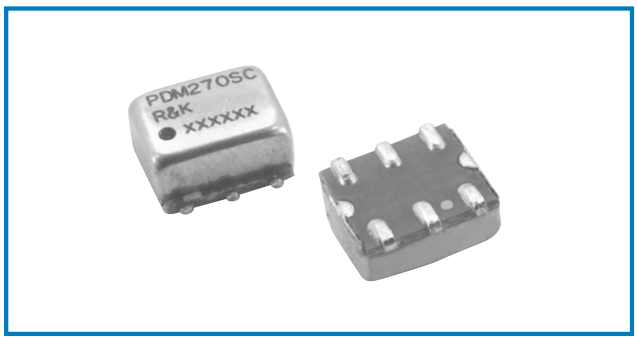
R&K-PDM270



- Frequency :2500MHz-2900MHz
- 2Way-0° Low-Loss High-Isolation
- Small & Low Cost / Surface Mount
- RoHS Compliance

SPECIFICATIONS

Frequency Range : 2500-2900MHz
Insertion Loss (Except Theoretical Loss 3.0dB)

	2500 - 2900MHz
Typ.	0.7dB
Max.	1.2dB

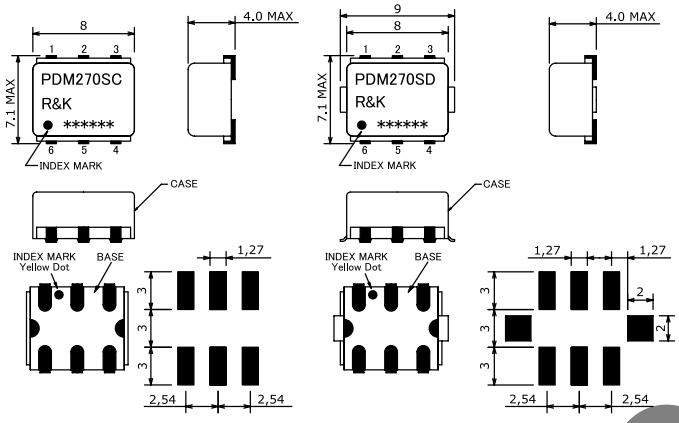
Isolation

	2500 - 2900MHz
Typ.	25dB
Min.	18dB

Amplitude Balance	: 0.6dB (max.)
Phase Balance	: 8.0deg (max.)
Phase Difference	: 0°
VSWR (All Ports)	: 1.4:1 (max.)
Impedance (All Ports)	: 50Ω
Maximum RF Input Power	: 1W (max.)
Internal Load Dissipation	: 0.1W
Operating Temperature	: −40℃ to + 85℃
Storage Temperature	: −40℃ to +100℃
Max.Reflow Soldering Temp.	: 260℃,10sec.
Reflow Soldering Repeatability	: 3 times
Weight (Standard)	: 0.46g (typ.)

OUTLINE DRAWING

※IN MILLIMETERS



PDM270SC PDM270SD

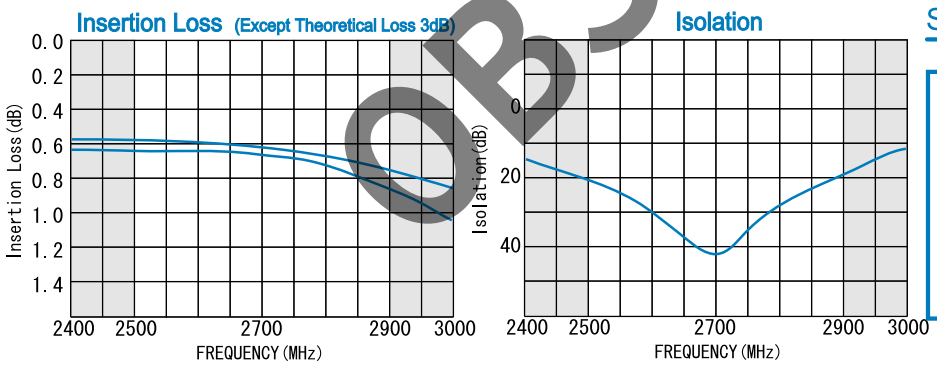
HOW TO ORDER

Model Name
R&K-PDM270SC-BLK

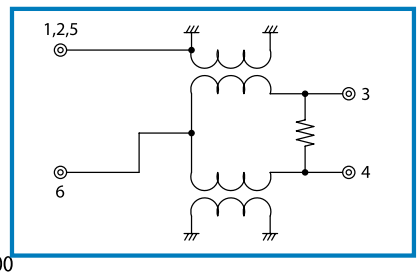
- BLK=Antistatic bag
- TR1=Tape & Reel Package
- SC=Case Type of SC
- SD=Case Type of SD

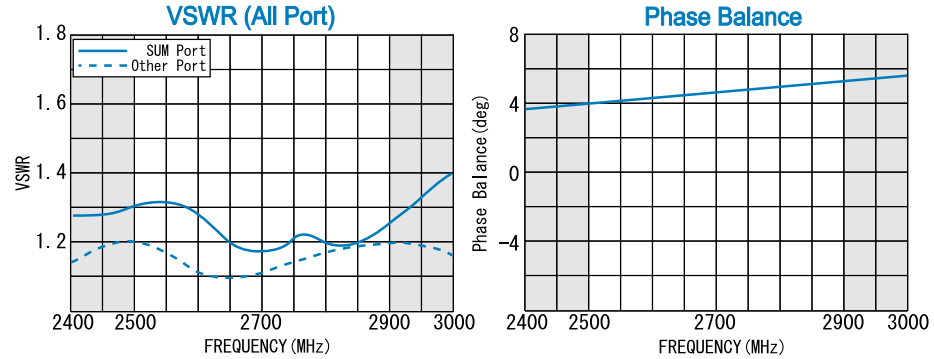
OBSOLETE

TYPICAL PERFORMANCE (Temp @+25℃)



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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