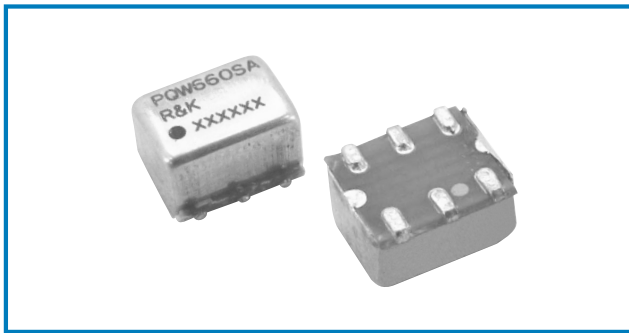
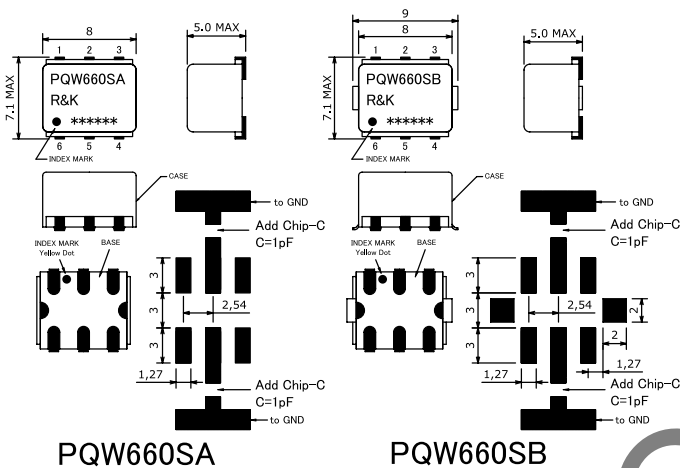


R&K-PQW660



OUTLINE DRAWING

※ IN MILLIMETERS



- Frequency : 510-810MHz
- 2Way-90° Low-Loss High-Isolation
- Small & Low Cost / Surface Mount
- RoHS Compliance

SPECIFICATIONS

Frequency Range : 510-810MHz
 Insertion Loss (Except Theoretical Loss 3.0dB)

	510 - 585MHz	585 - 735MHz	735 - 810MHz
Typ.	0.5dB	0.5dB	0.5dB
Max.	1.5dB	1.0dB	1.5dB

Isolation

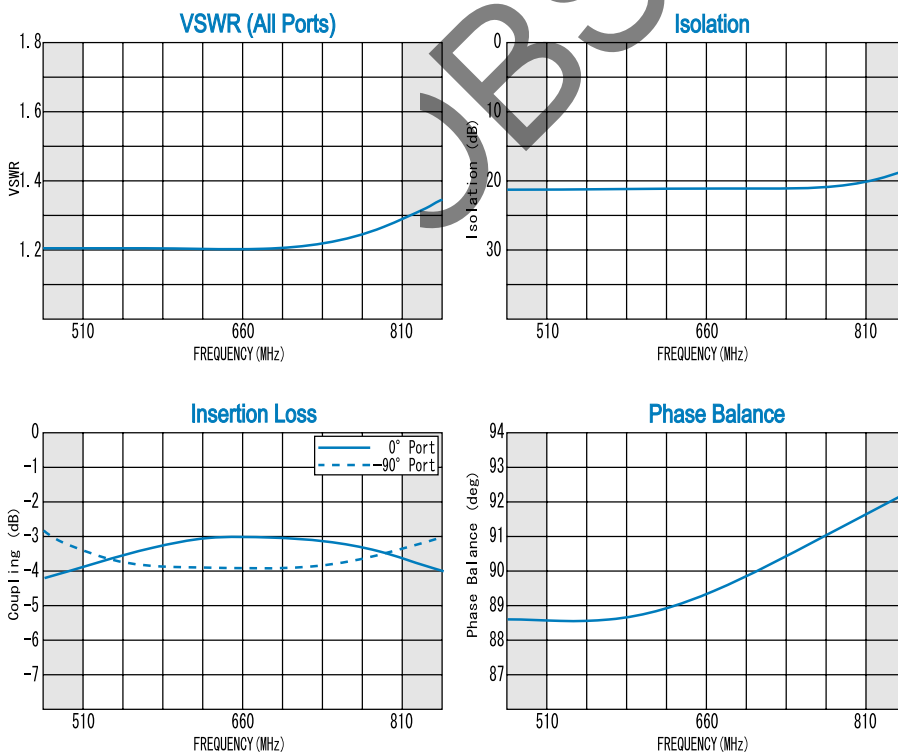
	510 - 585MHz	585 - 735MHz	735 - 810MHz
Typ.	20dB	20dB	20dB
Min.	18dB	18dB	18dB

- Amplitude Balance : 1.5dB (max.)
- Phase Balance : ±5.0deg (max.)
- Phase Difference : 90°
- VSWR (All Ports) : 1.4:1 (max.)
- Impedance (All Ports) : 50Ω
- Maximum RF Input Power : 1W (max.)
- 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.)

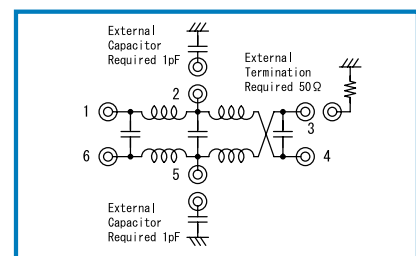
HOW TO ORDER

- Model Name R&K-PQW660SA-BLK
- BLK=Antistatic bag
 - TR1=Tape & Reel Package
 - SA=Case Type of SA
 - SB=Case Type of SB

TYPICAL PERFORMANCE (Temp @+25°C)



SCHEMATIC



Function	Pin No.
SUM	1
-90°	4
0°	6
ISO	3
CENTER TERM.	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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