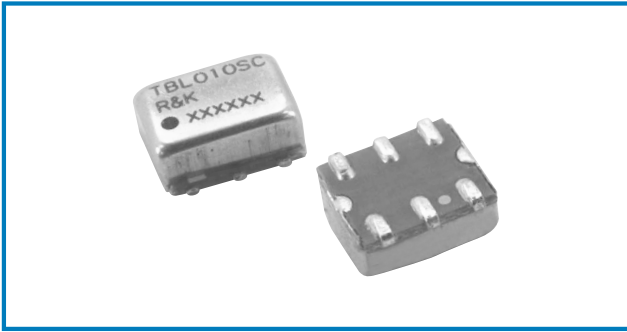
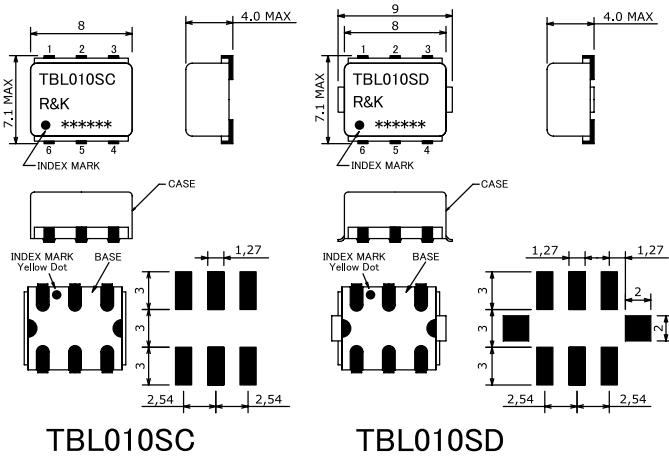


R&K-TBL010



OUTLINE DRAWING

※IN MILLIMETERS



- Frequency : 0.1–500MHz
- Low-Loss Balun-Transformer
- Small & Low Cost / Surface Mount
- RoHS Compliance

SPECIFICATIONS

Frequency Range : 0.1-500MHz
Insertion Loss

	0.1 - 1MHz	1 - 100MHz	100 - 500MHz
Typ.	1.0dB	0.5dB	1.0dB
Max.	3.0dB	1.0dB	3.0dB

Amplitude Balance

	0.1 - 1MHz	1 - 100MHz	100 - 500MHz
Typ.	0.2dB	0.1dB	0.5dB
Max.	0.5dB	0.2dB	1.0dB

Phase Balance

	0.1 - 1MHz	1 - 100MHz	100 - 500MHz
Typ.	2.0°	0.0°	3.0°
Max.	4.0°	2.0°	6.0°

Impedance Ratio (Secondary / Primary): 2

Input Port VSWR : 1.5:1 (typ.)

Impedance (Input Port) : 50 Ω (nom.)

Maximum RF Input Power : 0.25W (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

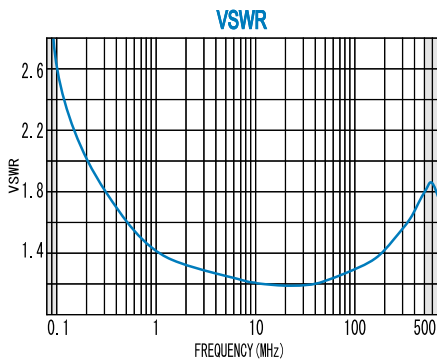
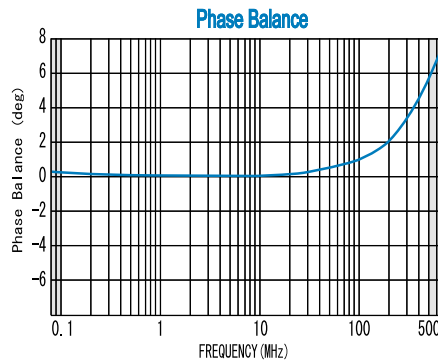
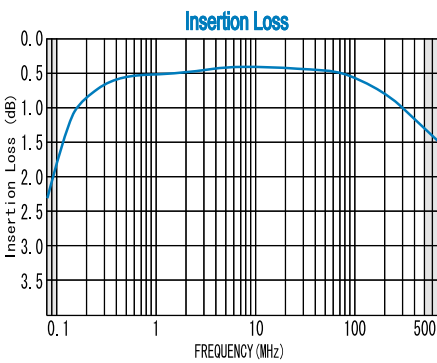
Weight (Standard) : 0.46g (typ.)

HOW TO ORDER

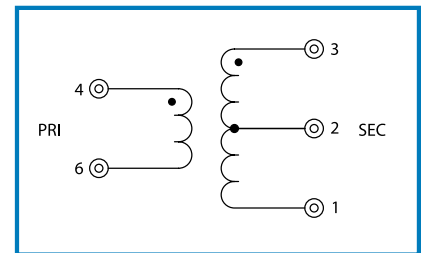
Model Name
R&K-TBL010SC-BLK

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.
PRIMARY DOT	4
PRIMARY	6
SECONDARY DOT	3
SECONDARY	1
SECONDARY CT	2
N.C.	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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