RF TRANSFORMER



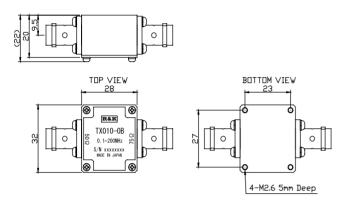
R&K-TX010-0B



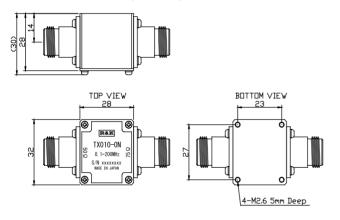
OUTLINE DRAWING

XIN MILLIMETERS

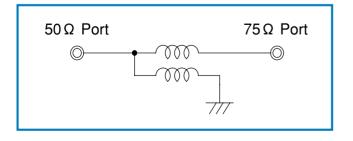
R&K-TX010-0B (Standard)



R&K-TX010-0N (Option)



SCHEMATIC



■ Broadband Frequency : 0.1 ~ 200MHz

■ Low Insertion Loss

■ $50\Omega \Leftrightarrow 75\Omega$ Impedance Matching Trans.

■ Low Cost

■ RoHS Compliance

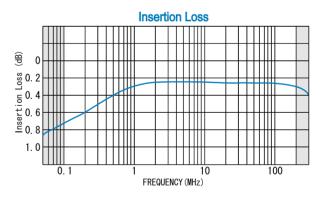
SPECIFICATIONS

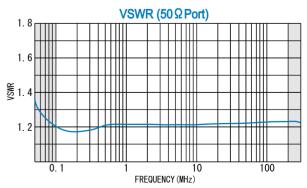
Frequency Range : 0.1 - 200MHz Insertion Loss : 1.0dB (max.) Impedance (50 Ω Port) : 50 Ω Impedance (75 Ω Port) : 75 Ω VSWR (50 Ω Port) : 1.25:1 (typ.) Maximum RF Input Power : +30dBm **Operating Temperature** -40° C to $+85^{\circ}$ C Storage Temperature : -40°C to +100°C Connectors (Standard) : BNC-FEMALE Connectors (Option) : N-FEMALE Weight (BNC Connector) : 60g (typ.) Weight (N Connector) : 110g (typ.)

HOW TO ORDER

 $\begin{array}{c|c} \text{Model Name} & \text{B = BNC - FEMALE} \\ \text{R\&K-TX010-0$\underline{B}} & \text{N = N - FEMALE} \\ \end{array}$

TYPICAL PERFORMANCE (Temp @+25°C)





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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