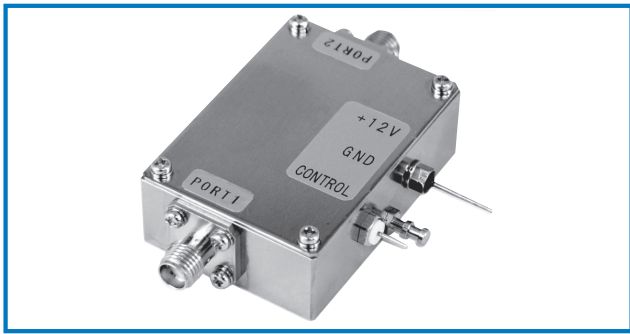
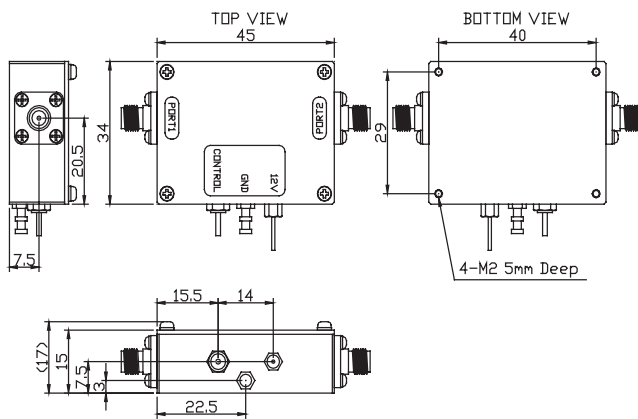


R&K-PI010-0S



OUTLINE DRAWING

※ IN MILLIMETERS



- Broadband Frequency : 1 ~ 3000MHz
- Voltage Variable Attenuator
- Attenuation : 27dB @3GHz
- Low Cost
- RoHS Compliance

SPECIFICATIONS

Frequency Range	: 1 - 3000MHz
Insertion Loss	: 5.0dB (max.)
Attenuation Range	: 0 to 27dB Variable @3GHz
Impedance	: 50Ω
Input /Output VSWR	: 1.5 : 1 (typ.)
Input I.C.P.	: +39dBm (typ.)@1.5GHz
Control Voltage	: 0V = ATT max. : 12V = ATT min. : 15mA (max.)
Switching Speed	: 2μs (max.) tRise / tFall
DC Supply Input	: +12V ± 0.5V : 5mA (max.)
Maximum RF Input Power	: +20dBm
Operating Temperature	: -20°C to +60°C
Storage Temperature	: -20°C to +80°C
Connectors (Standard)	: SMA-FEMALE
Connectors (Option)	: BNC-FEMALE
Weight (SMA Connector)	: 55g (typ.)

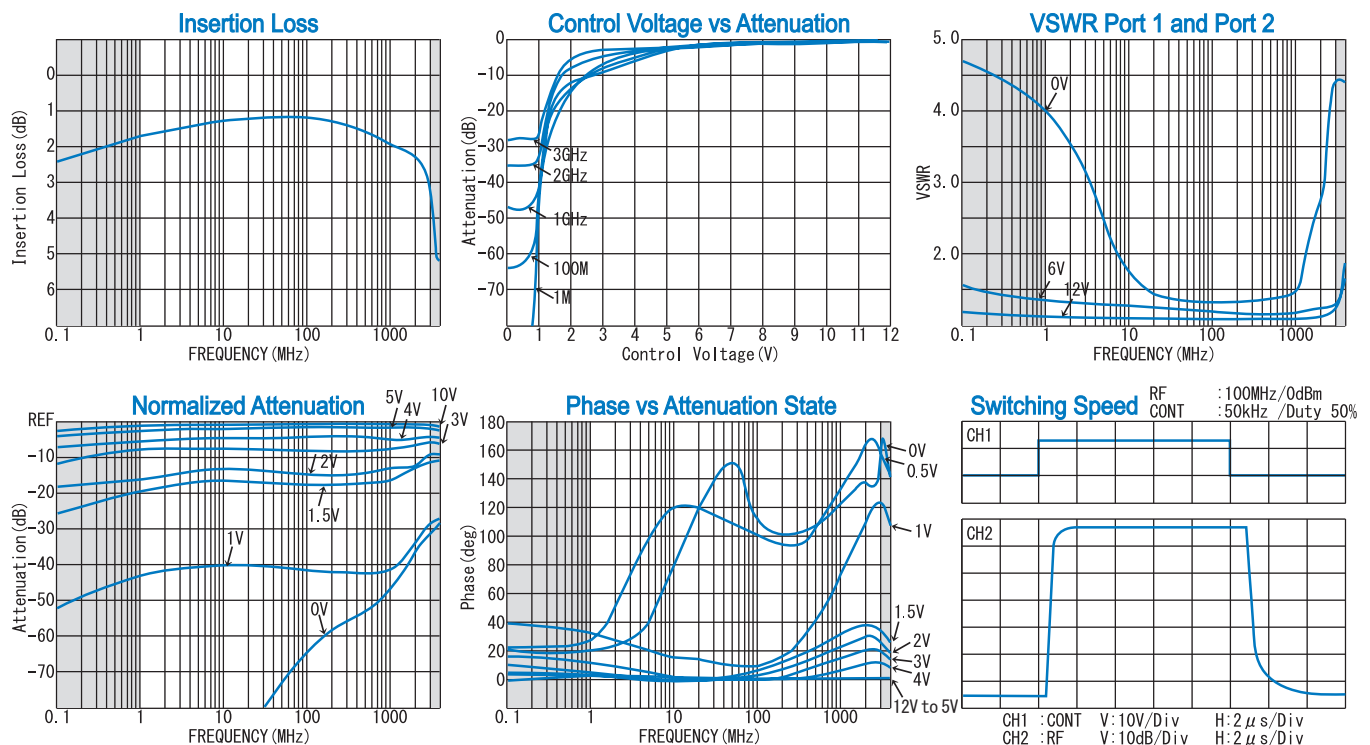
PORT1 & 2 are internally DC blocked

HOW TO ORDER

Model Name R&K-PI010-0S S = SMA - FEMALE
B = BNC - FEMALE

※BNC Operational to 1GHz

TYPICAL PERFORMANCE (Temp @+25°C)



* Rev. 2 : 18/May/2018

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, The export of R&K products from Japan may be subject to an export license by the government of Japan, based on Japan's "Foreign Exchange and Foreign Trade Law".

R&K Company Limited

721-1 Maeda, Fuji-City, Shizuoka-Pref. 416-8577 Japan
 Tel : +81-545-31-2600 E-mail : info@rkco.jp
 Fax : +81-545-31-1600 URL : http://rk-microwave.com