BAND PASS FILTER

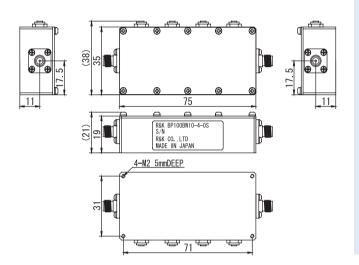


R&K-BP100BW10-4-0S

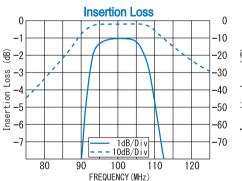


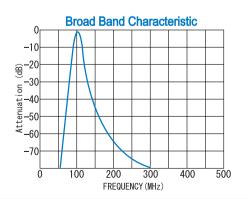
OUTLINE DRAWING

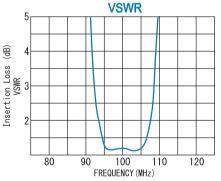
XIN MILLIMETERS

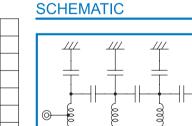


TYPICAL PERFORMANCE (Temp @+25°C)









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Delay 200 150 100 50 lay (ns) C م 10–50 -100 -150 80 120 90 100 110 FREQUENCY (MHz)

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".

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Passband Frequency :100MHz ±5MHz Insertion Loss :1.5dB(max.)

VSWR

:13(typ)

4 Sections **RoHS** Compliance

SPECIFICATIONS

Center Frequency	: 100MHz
Passband	: ±5MHz / 10%
Rejection	: 50dB (min.) @200MHz
	: 50dB (min.) @50MHz
Insertion Loss	: 1.5dB (max.)
Passband Ripple	: 0.7dB (max.)
Impedance	: 50 Ω
VSWR	: 1.3:1 (typ.)
Delay	: 100ns (max.)
Maximum RF Input Power	: +33dBm
Operating Temperature	: −20°C to +60°C
Storage Temperature	: −20°C to +80°C
Connectors (Standard)	: SMA-FEMALE
Connectors (Option)	: BNC-FEMALE
	: N-FEMALE
Weight (SMA Connector)	: 100g (typ.)
,	

HOW TO ORDER

Model Name R&K-BP100BW10-4-0S	S = SMA - FEMALE B = BNC - FEMALE
T	N = N - FEMALE