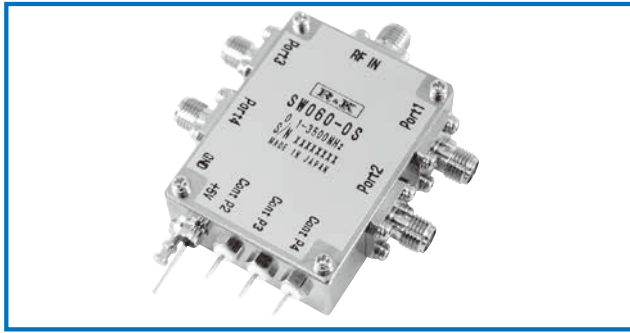
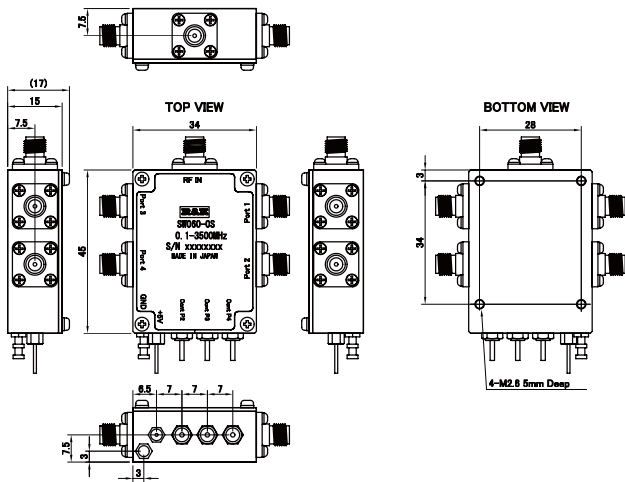


## R&K-SW060-0S



### OUTLINE DRAWING

※IN MILLIMETERS



- Frequency Range : 0.1 ~ 3500MHz
- High Switching Speed
- Internal C-MOS Driver
- Absorptive
- RoHS Compliance

### SPECIFICATIONS

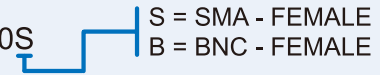
Frequency Range : 0.1 - 3500MHz  
 Insertion Loss (0.1~1000MHz) : 1.5dB (max.)  
 Insertion Loss (1~3.5GHz) : 2.5dB (max.)  
 Isolation (RF IN~Port1/2/3/4) : 18dB (min.)  
 Impedance : 50 Ω  
 VSWR (RF IN) : 1.7:1 (typ.)  
 (Port1~Port4) : 1.7:1 (typ.)  
 Input Power 1dB Comp. Point : +24dBm (typ.) @2GHz  
 Input I.C.P. : +39dBm (typ.) @2GHz  
 Switching Speed : 200ns (max.) tRise / tFall  
 Switching Control

Cont P2	Cont P3	Cont P4	RF IN to:
H	H	H	Port1
L	H	H	Port2
H	L	H	Port3
H	H	L	Port4

H=C-MOS H or Open / L=C-MOS L or GND  
 Maximum RF Input Power : +20dBm  
 DC Supply Input : +5V 10mA (max.)  
 Operating Temperature : -25°C to +85°C  
 Storage Temperature : -25°C to +85°C  
 Connectors (Standard) : SMA-Female  
 Connectors (Option) : BNC-Female  
 Weight (SMA Connector) : 65g (typ.)

### HOW TO ORDER

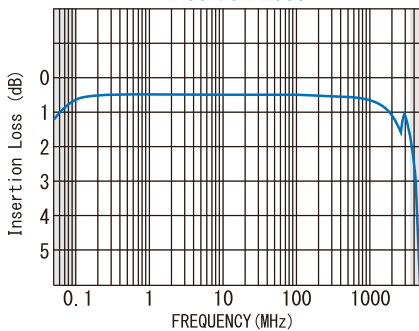
Model Name R&K-SW060-0S



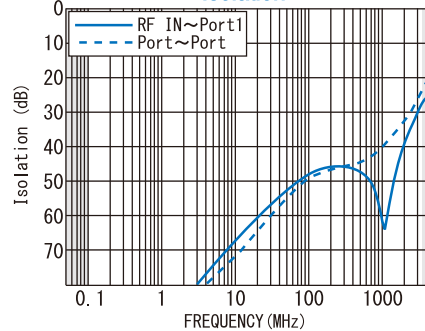
※BNC Operational to 1GHz

### TYPICAL PERFORMANCE (Temp @+25°C)

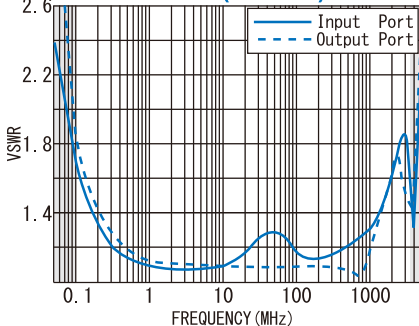
#### Insertion Loss



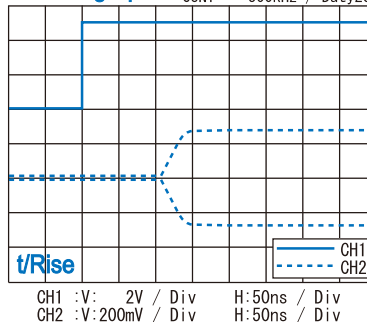
#### Isolation



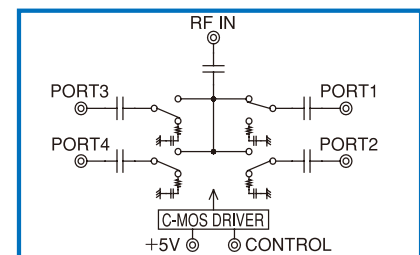
#### VSWR (On State)



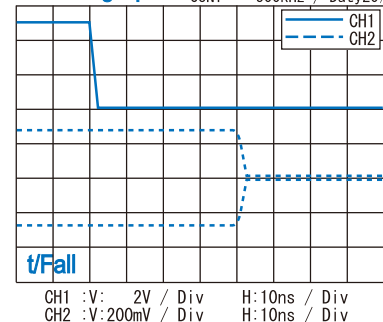
#### Switching Speed



### SCHEMATIC



#### Switching Speed



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