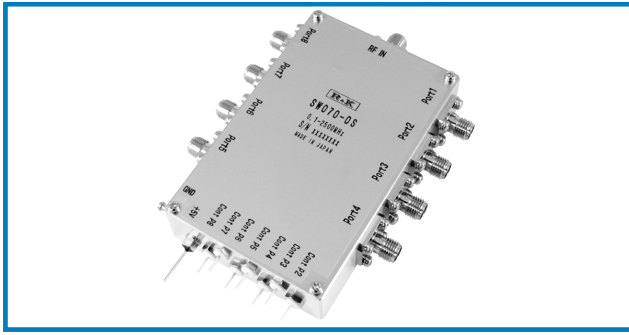
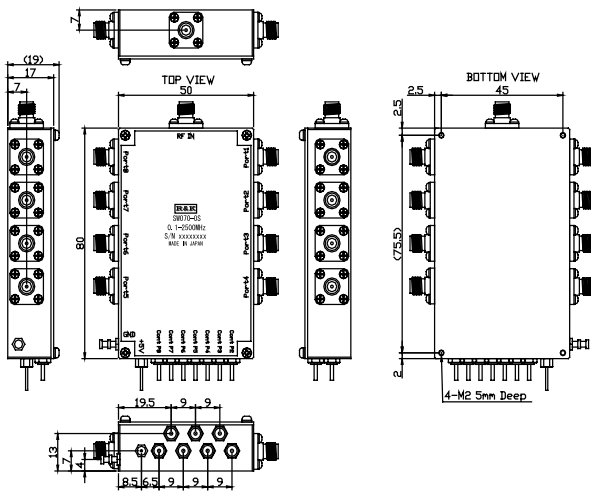


R&K-SW070-0S



OUTLINE DRAWING

※IN MILLIMETERS



- Frequency Range : 0.1 ~ 2500MHz
- High Switching Speed
- Internal C-MOS Driver
- Absorptive
- RoHS Compliance

SPECIFICATIONS

Frequency Range	: 0.1 - 2500MHz
Insertion Loss (0.1~1000MHz)	: 2.0dB (max.)
Insertion Loss (1~2.5GHz)	: 3.5dB (max.)
Isolation (RF IN~Port1~Port8)	: 20dB (min.)
Impedance	: 50 Ω
VSWR (RF IN)	: 1.3:1 (typ.)
(Port1~Port8)	: 1.3:1 (typ.)
Input Power 1dB Comp. Point	: +23dBm (typ.) @2GHz
Input I.C.P.	: +38dBm (typ.) @2GHz
Switching Speed	: 200ns (max.) tRise / tFall
Switching Control	

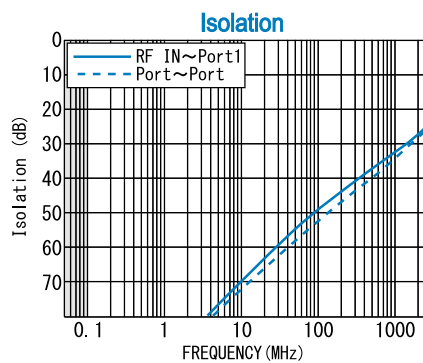
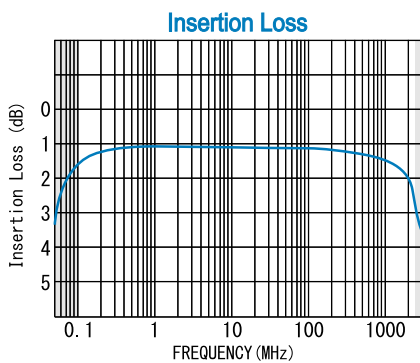
Cont P2	Cont P3	Cont P4	Cont P5	Cont P6	Cont P7	Cont P8	RF IN to:
H	H	H	H	H	H	H	Port1
L	H	H	H	H	H	H	Port2
H	L	H	H	H	H	H	Port3
H	H	L	H	H	H	H	Port4
H	H	H	L	H	H	H	Port5
H	H	H	H	L	H	H	Port6
H	H	H	H	H	L	H	Port7
H	H	H	H	H	H	L	Port8

- H=C-MOS H or Open / L=C-MOS L or GND
 Maximum RF Input Power : +20dBm
 DC Supply Input : +5V 15mA (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) : 130g (typ.)

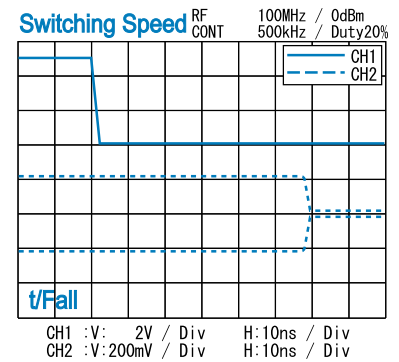
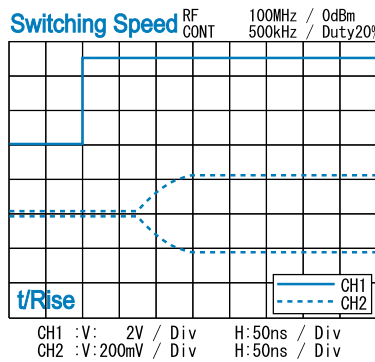
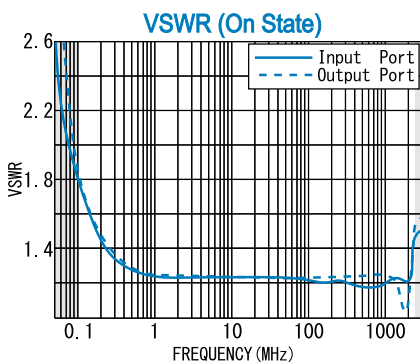
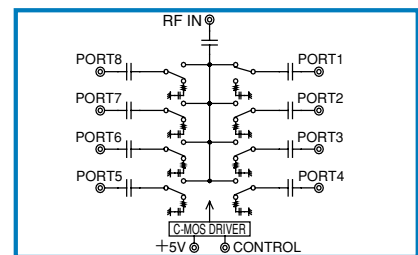
HOW TO ORDER

Model Name R&K-SW070-0S
 S = SMA - FEMALE
 B = BNC - FEMALE
 ※BNC Operational to 1GHz

TYPICAL PERFORMANCE (Temp @+25°C)



SCHEMATIC



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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