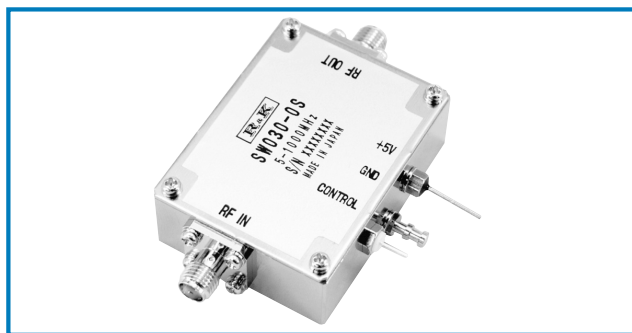


SOLID STATE SWITCH SPST

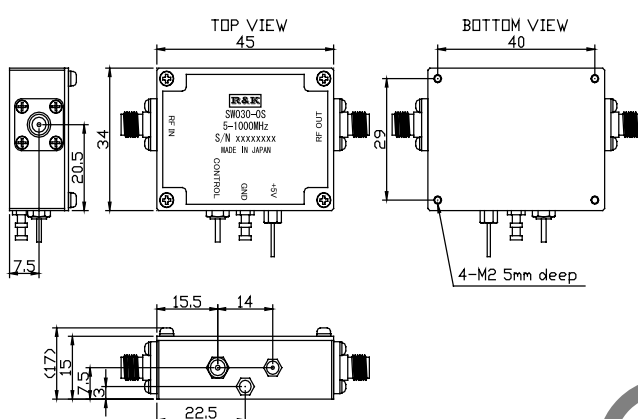


R&K-SW030-0S



OUTLINE DRAWING

※IN MILLIMETERS



- Frequency Range : 5 ~ 1000MHz
- High Switching Speed
- Internal C-MOS Driver
- Reflective
- RoHS Compliance

SPECIFICATIONS

Frequency Range	: 5 - 1000MHz
Insertion Loss	: 6.0dB (max.)
Isolation	: 35dB (min.)
Impedance	: 50 Ω
VSWR (All Port)	: 1.4:1 (typ.)
Input Power 1dB Comp. Point	: + 7dBm (typ.) @1GHz
Input I.C.P.	: +16dBm (typ.) @1GHz
Switching Speed	: 50ns (max.) tRise / tFall
Switching Control	

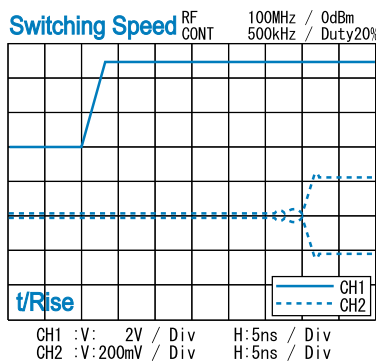
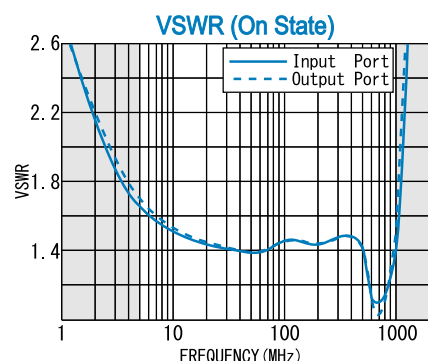
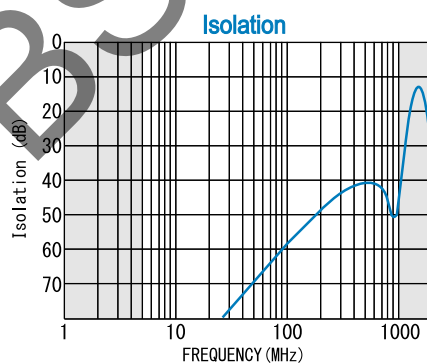
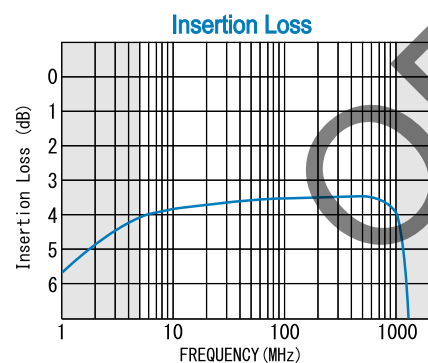
Control Input	RF Output
H	ON
L	OFF

H=C-MOS H or Open / L=C-MOS L or GND
 Maximum RF Input Power : +13dBm
 DC Supply Input : +5V 20mA (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) : 55g (typ.)

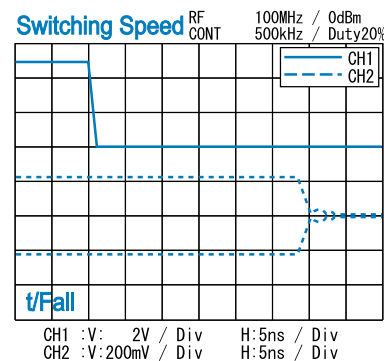
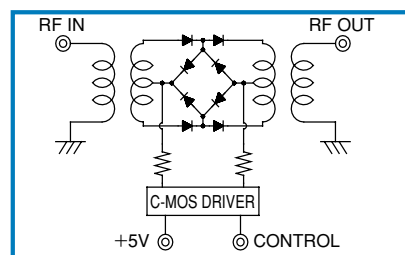
HOW TO ORDER

Model Name R&K-SW030-0S S = SMA - FEMALE
 B = BNC - FEMALE

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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