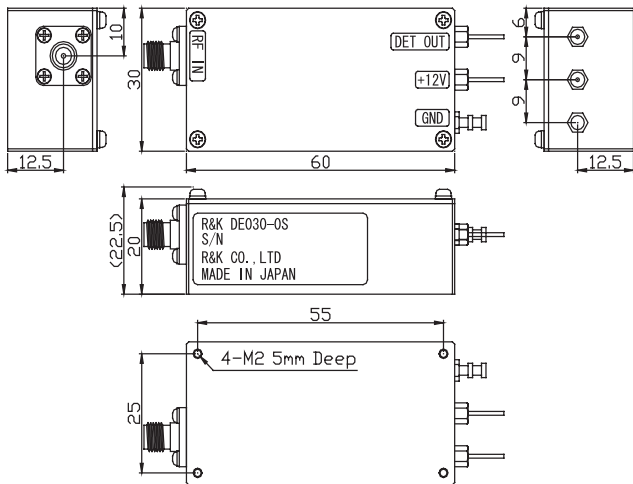


## R&K-DE030-0S



### OUTLINE DRAWING

※IN MILLIMETERS



- Broadband Frequency : 500 ~ 3000MHz
- Linear Volts -in- dB
- Built in BUFFER
- For All Modulations  
N-CDMA/W-CDMA/GSM/PDC
- Dynamic Range : 40dB (min.)
- RoHS Compliance

### SPECIFICATIONS

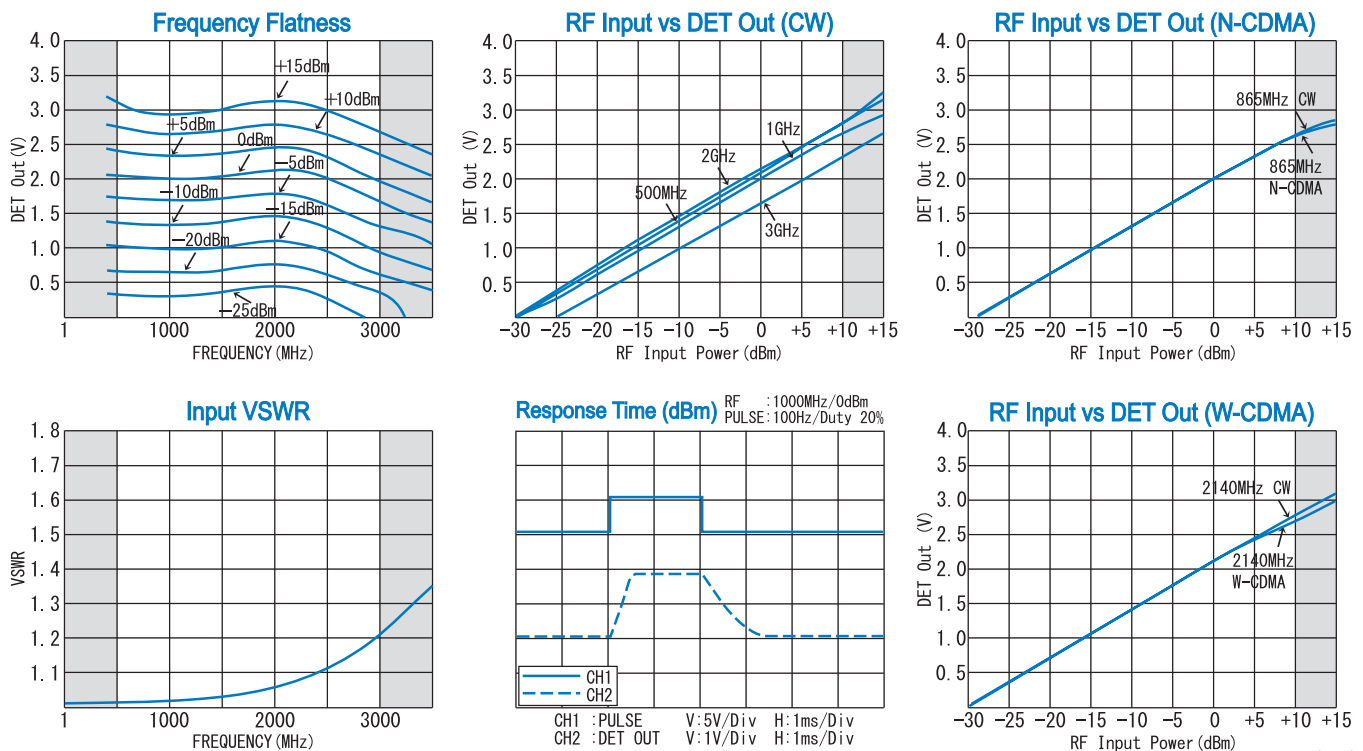
Frequency Range	: 500 - 3000MHz
Dynamic Range	: 40dB(min.) @2GHz
Input Impedance	: 50Ω
Input VSWR	: 1.2 : 1 (typ.)
High Level Sensitivity	: +2.5V (typ.) @+10dBm Input
Low Level Sensitivity	: +0.1V (typ.) @-30dBm Input
Response Time	: 1ms (max.) tRise/tFall
DC Supply Input	: +12V ± 1V : 100mA (max.)
Maximum RF Input Power	: +15dBm
Operating Temperature	: -20°C to + 60°C
Storage Temperature	: -20°C to + 80°C
Input Connector	: SMA-FEMALE
Output Connector	: EMI FILTER
Weight	: 75g (typ.)

OUTPUT characteristics are measured with 1MΩ. Impedance is DC50Ω between RF input and GND.

### HOW TO ORDER

Model Name  
R&K-DE030-0S No Option

### TYPICAL PERFORMANCE (Temp @ +25°C)



\* Rev. 1.1 : Oct./10/2016

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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