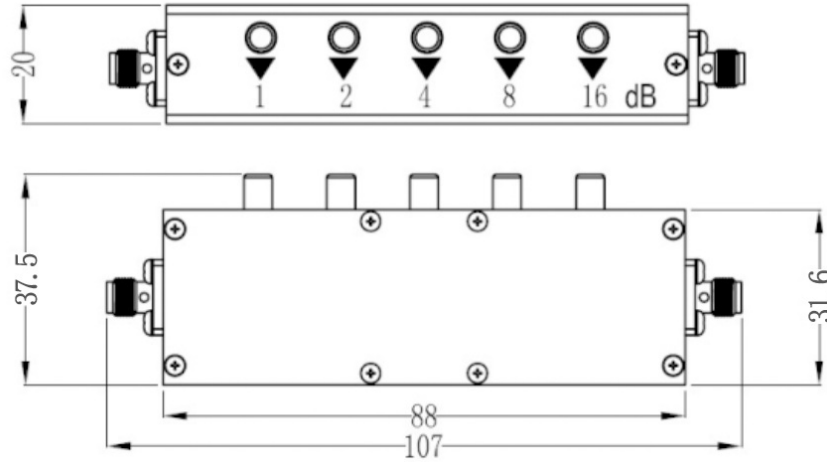




**SMA Push Button Step Attenuator, RASP3S5-30-1**  
**DC-3GHz, 5W, 0-30dB, Unidirectional, Rectangular**

**Dimensions(mm) Tolerance±1%**



**Electrical & Environmental**

<b>Frequency Range</b>	DC-3GHz , 50Ohms
<b>VSWR</b>	1.3 Max
<b>Insertion Loss</b>	3.5dB Max
<b>Input Avg Power</b>	5W @25°C
<b>Peak Power</b>	50W (5μsec pulse width, 2% duty cycle)
<b>Temp Coefficient</b>	<0.0004 dB/dB/°C
<b>Direction</b>	Unidirectional, SMA female input to SMA female output
<b>Attenuation</b>	0-30dB1/2/4/8/16dB
<b>Attenuation Step</b>	1dB
<b>Operating Temp</b>	-10°C~+50°C

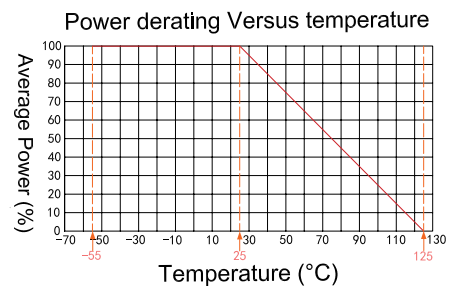
**Attenuation&Accuracy(DC-3GHz)**

<b>Attenuation(dB)</b>	Single Key	Combination Key
<b>Accuracy(dB)</b>	±0.9dB Max(0-8dB)	±3.5dB Max(10-20dB)

**Notes:** Pay attention to input/output. To ensure longevity and performance, do not use at full power for a long time. Peak power, pulse width, and duty cycle need to meet the requirements. Input high power, require heat dissipation, maintain temperature within 80°C. Reference Curve, derate linearly to 0.5W at 100°C.

**Mechanical & Product Information**

<b>Product Number</b>	RASP3S5-30-1
<b>Product Type</b>	Push Button Step Attenuator, E-Grade
<b>Connector</b>	SMA female, SMA female
<b>Connector Body</b>	Gold plated brass
<b>Center Contact</b>	Gold plated beryllium copper
<b>Heat Sink</b>	N/A
<b>Net Weight</b>	About 160.0g



Customization and selection, Refer to RFTOP attenuator selection and usage guide.