

## NDA-9000-10000-47.5-0.5

9~10GHz, 47.5dB, 0.5dB

### Features:

- \* Broadband
- \* High Dynamic Range

### Applications:

- \* Wireless
- \* Transmitter
- \* Laboratory Test
- \* Radar

### Electrical

Frequency:	9~10GHz
Insertion Loss:	5.5dB max.
Attenuation Flatness:	±0.75dB max.
Control Bits:	7
Step:	0.5dB
Attenuation Range:	0 ~ 47.5dB
Attenuation Accuracy:	3% of attenuation setting max.
Switching Time:	100nS max.
VSWR:	1.8 max. @Attenuation 0dB
Voltage:	+5V DC
Current:	0.2A typ.
Input Power:	27dBm max.

### Mechanical

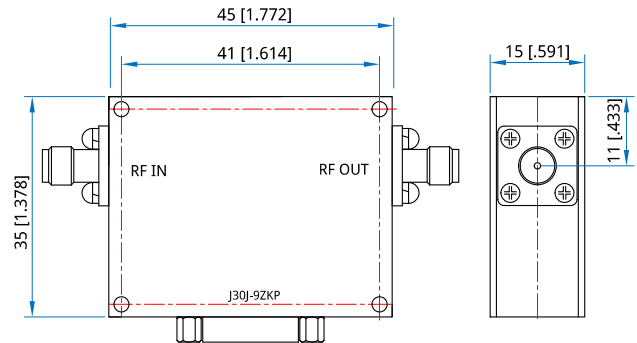
Size <sup>*1</sup> :	45*35*15mm 1.772*1.378*0.591in
RF Connectors:	SMA Female
Power Supply & Control Interface Connectors:	J30J-9ZKP
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

### Environmental

Operating Temperature:	-40~+70°C
Non-operating Temperature:	-55~+70°C

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

### Pin Numbering

Pin	Function	Pin	Function
1	+5V	6	4dB
2	GND	7	8dB
3	0.5dB	8	16dB
4	1dB	9	16dB
5	2dB		

### How To Order

**NDA-9000-10000-47.5-0.5**

Customization is available upon request.