

NDA-8000-12000-101.5-0.5

8~12GHz, 101.5dB, 0.5dB

Features:

- * Broadband
- * High Dynamic Range

Applications:

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

Electrical

Frequency:	8~12GHz
Insertion Loss:	21dB max.
Attenuation Range:	0~101.5dB
Step:	0.5dB
Attenuation Accuracy:	±(0.4+5% of attenuation setting) max.
VSWR:	2 max.
Switching Time:	200ns max.
Input IP3:	40dBm min.
Input Power:	25dBm max.
Voltage/Current:	-5V/200mA max.
Control:	TTL

Mechanical

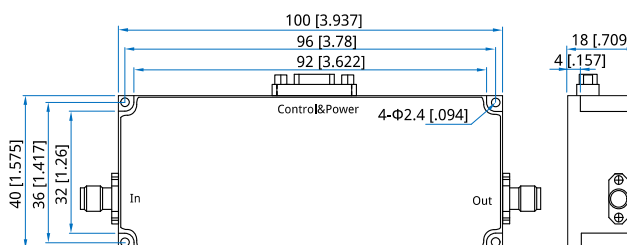
Size*1:	100*40*18mm 3.937*1.575*0.709in
RF Connectors:	SMA Female
Power Supply & Control	J30J-15ZKP
Interface Connectors:	
Mounting:	4-Φ2.4mm through-hole

[1] Exclude connectors.

Environmental

Operating Temperature:	-40~+85°C
Non-operating Temperature:	-55~+125°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

Pin Numbering

Pin	Function	Pin	Function
1	-5V	9	16dB
2	GND	10	30dB
3	DGND	11	30dB
4	0.5dB (LSB)	12	10dB (MSB)
5	1dB	13	NC
6	2dB	14	NC
7	4dB	15	NC
8	8dB		

How To Order

NDA-8000-12000-101.5-0.5

Customization is available upon request.