

NOTES: UNLESS OTHERWISE SPECIFIED
THIS IS A CAD GENERATED DRAWING, DO NOT REVISE MANUALLY

REVISION HISTORY					
ZONE	REV	DESCRIPTION	E.C.O.NO	DATE	APPROVED
	1	ENGINEERING RELEASE			

真值表 Truth Table

Control Voltage TTL Input for 8 bits resolution								Attenuation
Bit 8	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	
0	0	0	0	0	0	0	0	Reference
0	0	0	0	0	0	0	1	0.25 dB
0	0	0	0	0	0	1	0	0.5 dB
0	0	0	0	0	1	0	0	1 dB
0	0	0	0	1	0	0	0	2 dB
0	0	0	1	0	0	0	0	4 dB
0	0	1	0	0	0	0	0	8 dB
0	1	0	0	0	0	0	0	16 dB
1	0	0	0	0	0	0	0	32 dB
1	1	1	1	1	1	1	1	64 dB

LDA-4008

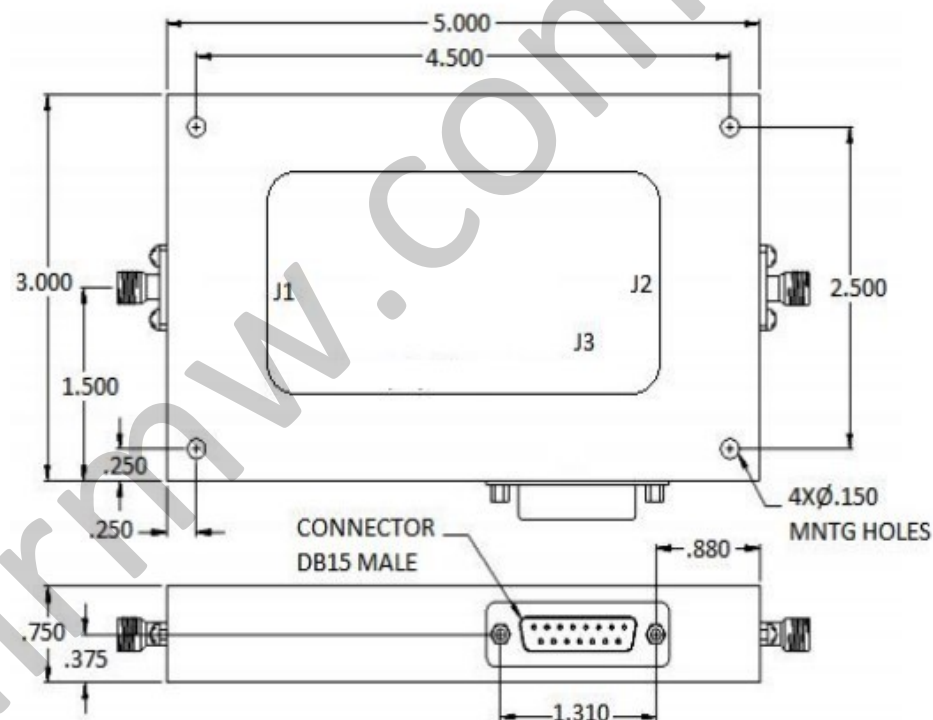
0.25 - 0.5GHz 数控衰减器 Digital Controlled Attenuator

—电气技术参数 Electrical Specifications—

频率范围 Frequency Range:	0.25 - 0.5GHz
衰减范围 Attenuation Range:	64dB
插入损耗 Insertion Loss:	3.0dB Max
输入驻波比 Input VSWR:	2.0:1 Max
输出驻波比 Output VSWR:	2.0:1 Max
最小步进 Least Significant Bit (LSB):	0.25dB
控制逻辑 Control Logic:	TTL
直流供电 Power Supply:	± 5V@300mA Typ
切换时间 Switching Time:	600 ns Typ
工作温度 Operating Temperature:	-25 ~ +85°C
存储温度 Storage Temperature:	-55 ~ +125°C

—机械技术参数 Mechanical Specification—

输入连接器 Input Interface:	SMA-F
输出连接器 Out Interface:	SMA-F
尺寸 Size (excluding connectors):	1.89x1.18x0.39 inches
直流连接器 DC Connector:	D-SUB 15 Pin (Male)

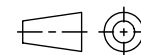


直流连接器 DC Connector PIN Assignment

Pin	Function	Pin Definition
1-8	Bit1-Bit8	
9-12	NC	
13	+5V	
14	-5V	
15	GND	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE MILLIMETER
TOLERANCES ARE:
DECIMALS ANGLES FRACTIONS
.XX±0.03 ±1' ±2/5
.XXX±0.012

HOLE DIAMETER	TOLERANCES
.35 TO 3.20	+.05/-0.02
3.21 TO 6.35	+.10/-0.03
6.36 TO 12.70	+.15/-0.03
12.71 TO 19.05	+.20/-0.03
19.06 TO 25.40	+.25/-0.03
25.41 TO 50.80	+.30/-0.03



Approvals

DATE

DRWN

ENG

CHK

Q.A.



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P/N: LDA-4008

0.25-0.5 GHz 数控衰减器 Digital Controlled Attenuator
最小步进 LSB 0.25dB

SIZE	CAGE NO	DWG NO.	REV
A3			1
SCALE	UNIT	SHEET 1 OF 1	
3:2	mm		