

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	0.125 dB
0	0	0	0	0	0	1	0	0.25 dB
0	0	0	0	0	1	0	0	0.5 dB
0	0	0	0	1	0	0	0	1 dB
0	0	0	1	0	0	0	0	2 dB
0	0	1	0	0	0	0	0	4 dB
0	1	0	0	0	0	0	0	8 dB
1	0	0	0	0	0	0	0	16 dB
1	1	1	1	1	1	1	1	32 dB

LDA-4019

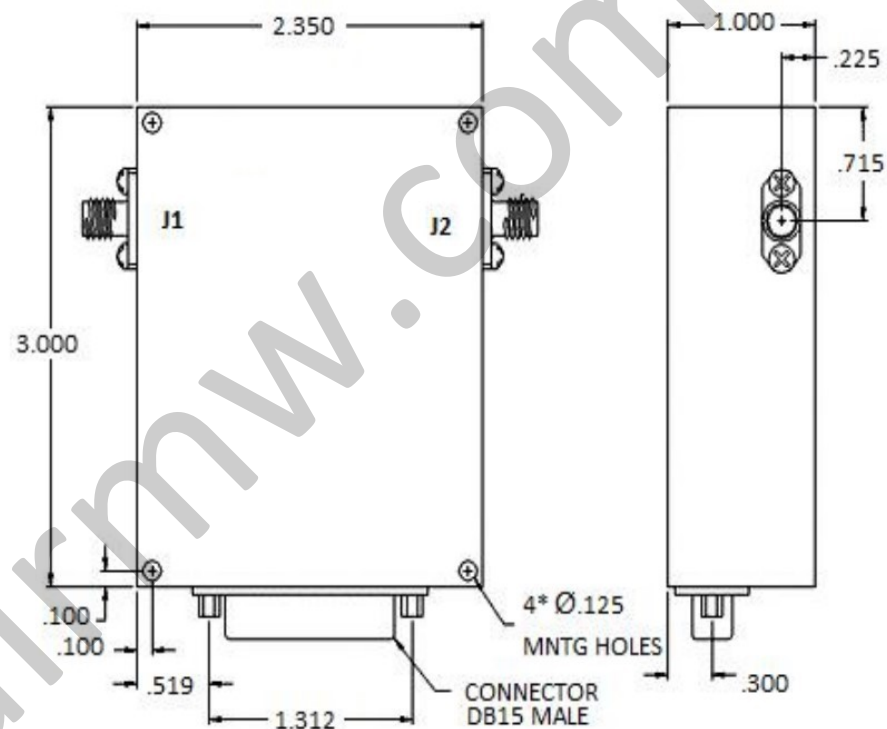
8.0 - 12.4GHz 数控衰减器 Digital Controlled Attenuator

—电气技术参数 Electrical Specifications—

频率范围 Frequency Range:	8.0 - 12.4GHz
衰减范围 Attenuation Range:	32dB
插入损耗 Insertion Loss:	5.0dB 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):	0.125dB
控制逻辑 Control Logic:	TTL
直流供电 Power Supply:	+12V ~ +15V@100mA -12V ~ -15V@-50mA
切换时间 Switching Time:	600ns 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):	5.00x3.00x0.75 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	+VDC	
14	-VDC	
15	GND	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE MILLIMETER TOLERANCES ARE: DECIMALS ANGLES FRACTIONS .XX±0.03 ±1' ±2/5 .XXX±0.012				P/N: LDA-4019																
		www.lairmw.com sales@lairmw.com		8.0-12.4 GHz 数控衰减器 Digital Controlled Attenuator 最小步进 LSB 0.125dB																
<table border="1"> <tr> <td>HOLE DIAMETER</td> <td>TOLERANCES</td> </tr> <tr> <td>.35 TO 3.20</td> <td>+05/-02</td> </tr> <tr> <td>3.21 TO 6.35</td> <td>+10/-03</td> </tr> <tr> <td>6.36 TO 12.70</td> <td>+15/-03</td> </tr> <tr> <td>12.71 TO 19.05</td> <td>+20/-03</td> </tr> <tr> <td>19.06 TO 25.40</td> <td>+25/-03</td> </tr> <tr> <td>25.41 TO 50.80</td> <td>+30/-03</td> </tr> </table>	HOLE DIAMETER	TOLERANCES	.35 TO 3.20	+05/-02	3.21 TO 6.35	+10/-03	6.36 TO 12.70	+15/-03	12.71 TO 19.05	+20/-03	19.06 TO 25.40	+25/-03	25.41 TO 50.80	+30/-03	Approvals DRWN ENG CHK Q.A.	DATE 	SIZE A3	CAGE NO	DWG NO.	REV 1
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SCALE 3:2		UNIT mm		SHEET 1 OF 1																