

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 TTL Input for 6 bits resolution						Attenuation
Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	RF1-RF2
0	0	0	0	0	0	Reference
0	0	0	0	0	1	1.0 dB
0	0	0	0	1	0	2.0 dB
0	0	0	1	0	0	4.0 dB
0	0	1	0	0	0	8.0 dB
0	1	0	0	0	0	16.0 dB
1	0	0	0	0	0	32.0 dB
1	1	1	1	1	1	63.0 dB

LDA-4013

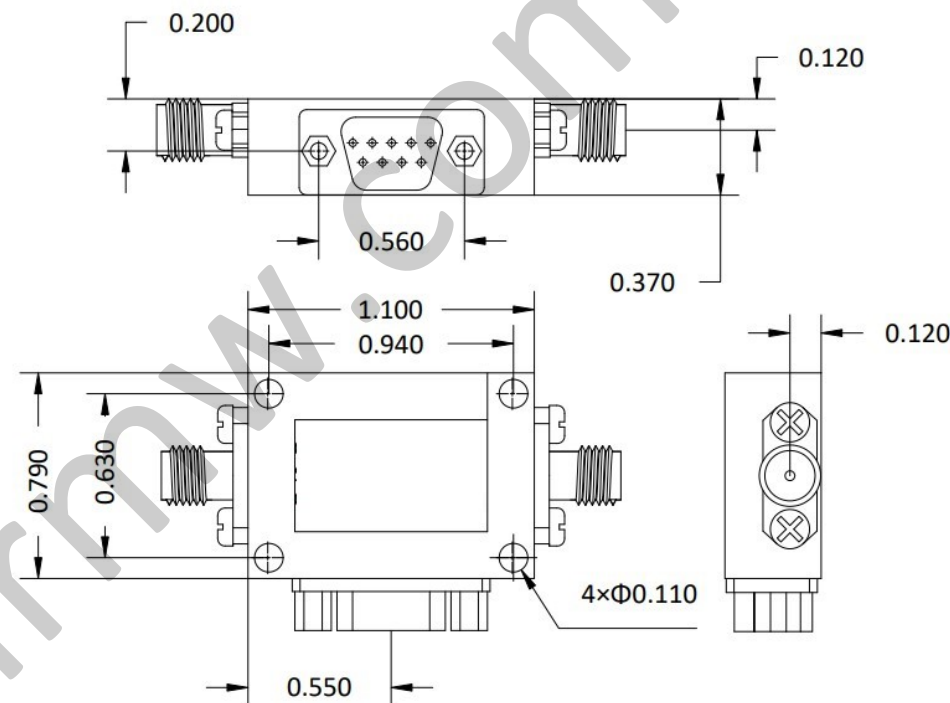
0.2 - 6.0GHz 数控衰减器 Digital Controlled Attenuator

—电气技术参数 Electrical Specifications—

频率范围 Frequency Range:	0.2 - 6.0GHz
衰减范围 Attenuation Range:	63dB Max
插入损耗 Insertion Loss:	5.5dB Max
输入驻波比 Input VSWR:	1.8:1 Max
输出驻波比 Output VSWR:	1.8:1 Max
最小步进 Least Significant Bit (LSB):	1dB
控制逻辑 Control Logic:	TTL
直流供电 Power Supply:	+5V@50mA Typ
切换时间 Switching Time:	1us Typ
工作温度 Operating Temperature:	-40 ~ +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):	1.1x0.878x0.374 inches
直流连接器 DC Connector:	MICRO-D9



直流连接器 DC Connector PIN Assignment

Pin	Function	Pin Definition
1	+5V	
2	GND	
3	NC	
4-9	Bit1-Bit6	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE MILLIMETER TOLERANCES ARE: DECIMALS ANGLES FRACTIONS .XX±0.03 .XXX±0.012					P/N: LDA-4013																						
			www.lairmw.com sales@lairmw.com																								
<table> <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	<table> <tr> <td>DRWN</td> <td>DATE</td> </tr> <tr> <td>ENG</td> <td></td> </tr> <tr> <td>CHK</td> <td></td> </tr> <tr> <td>Q.A.</td> <td></td> </tr> </table>	DRWN	DATE	ENG		CHK		Q.A.		0.2-6.0 GHz 数控衰减器 Digital Controlled Attenuator 最小步进 LSB 1dB			
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SIZE A3		CAGE NO	DWG NO.	REV 1																							
SCALE 3:2		UNIT mm	SHEET 1 OF 1																								