

NOTES:UNLESSOTHERWISE 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 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	
0	0	0	0	0	0	0	Reference
0	0	0	0	0	0	1	1.0 dB
0	0	0	0	0	1	0	2.0 dB
0	0	0	0	1	0	0	4.0 dB
0	0	0	1	0	0	0	8.0 dB
0	0	1	0	0	0	0	16.0 dB
0	1	0	0	0	0	0	32.0 dB
1	0	0	0	0	0	0	64.0 dB
1	1	1	1	1	1	1	127.0 dB

LDA-4003

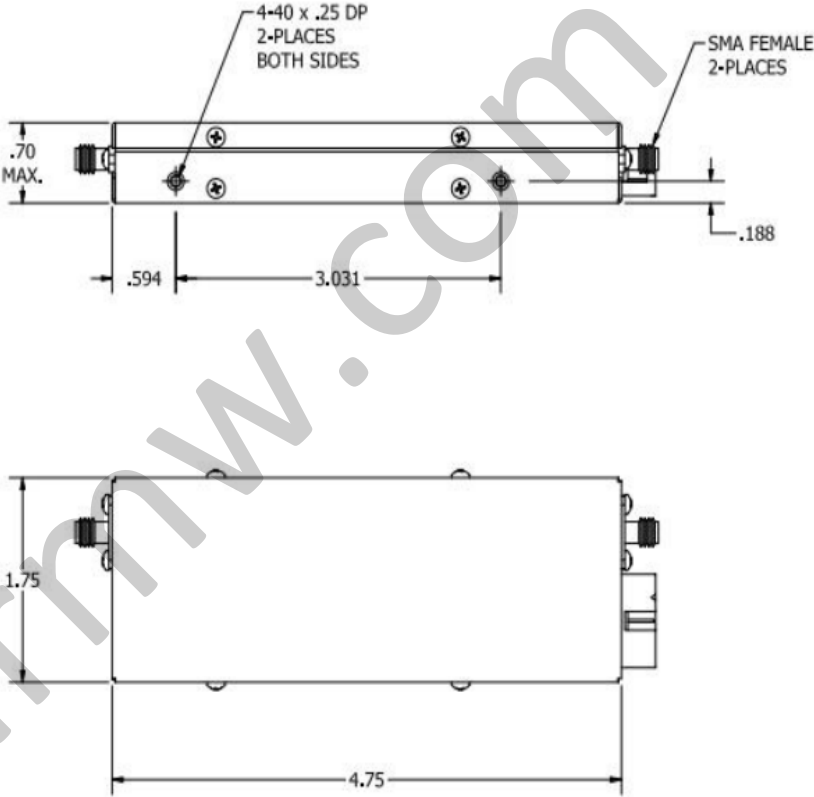
15MHz - 20GHz 数控衰减器 Digital Controlled Attenuator

—电气技术参数Electrical Specifications—

频率范围 Frequency Range:	15MHz - 20GHz
衰减范围Attenuation Range:	MHTdB Max
插入损耗Insertion Loss:	5.5dB Typ
输入驻波比Input VSWR:	Mp:1 Max
输出驻波比Output VSWR:	Mp:1 Max
最小步进Least Significant Bit(LSB):	mdB
控制逻辑Control Logic:	TTL
直流供电Power Supply:	+5V@300mA Typ
切换时间Switching Time:	10 Ys Max
工作温度Operating Temperature:	-45 ~ +85℃
存储温度Storage Temperature:	-55 ~ +125℃

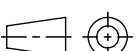
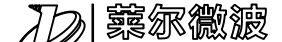
—机械技术参数Mechanical Specification—

输入连接器Input Interface:	SMA-F
输出连接器Out Interface:	SMA-F
尺寸Size(excluding connectors):	175x1.75x0.70 inches
直流连接器DC Connector:	0a 10031016002HB



直流连接器DC Connector PIN Assignment

Pin	Function	Pin Definition
1-7	Bit1-Bit7	
8	NC	
9	+5V DC	
10	GND	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE MILLIMETER TOLERANCES ARE: DECIMALS ANGLES FRACTIONS .X±0.1 ±1° ±2/5 .XX±0.03 .XXX±0.012				 www.lairmw.com sales@lairmw.com		P/N: LDA-4003					
		Approvals	DATE								
HOLE DIAMETER 35 TO 3.20 3.21 TO 6.35 6.36 TO 12.70 12.71 TO 19.05 19.06 TO 25.40 25.41 TO 50.80		TOLERANCES +05/-02 +10/-03 +15/-03 +20/-03 +25/-03 +30/-03		15MHz-2.0 GHz数控衰减器Digital Controlled Attenuator 最小步进LSB 1dB							
				SIZE		CAGE NO		DWG NO.		REV	
				A3						1	
				SCALE		UNIT		SHEET 1 OF 1			
		Q.A.		3:2		mm					