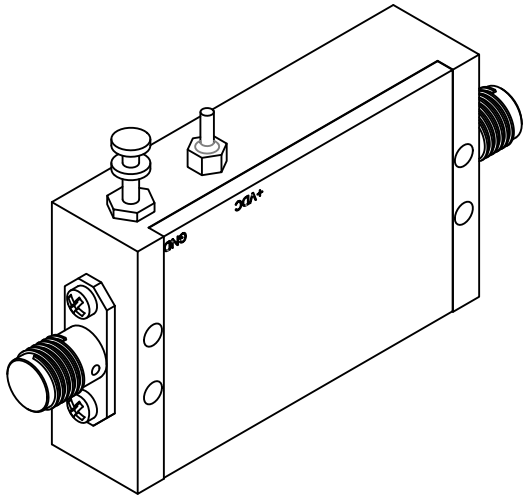
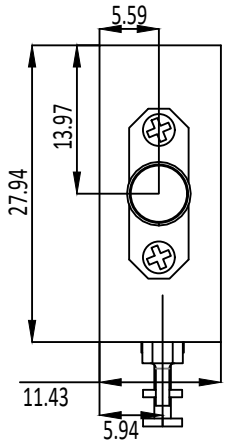
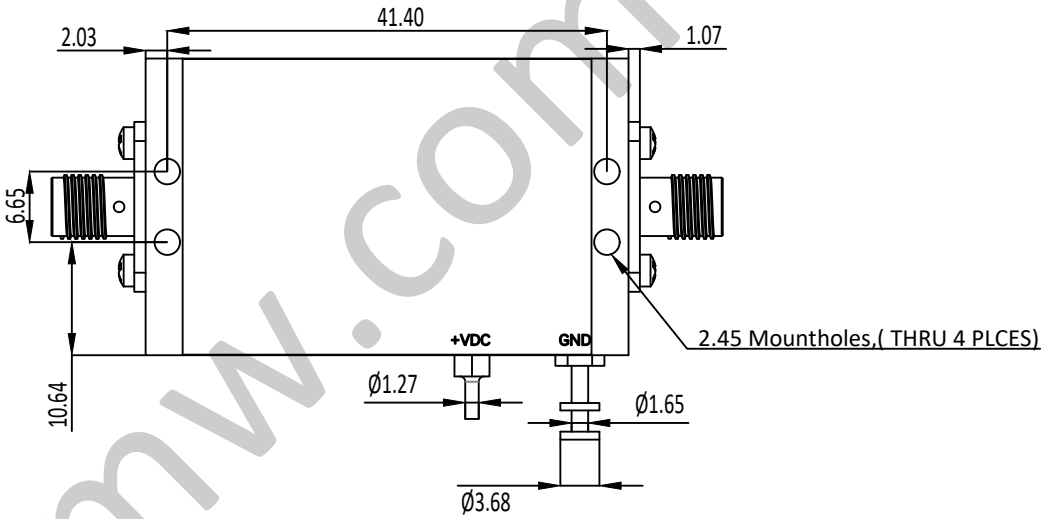
NOTES:UNLESSOTHERWISE SPECIFIED
THIS IS A CAD GENERATED DRAWING,DO NOT REVISE MANUALLY

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







LAL-5120

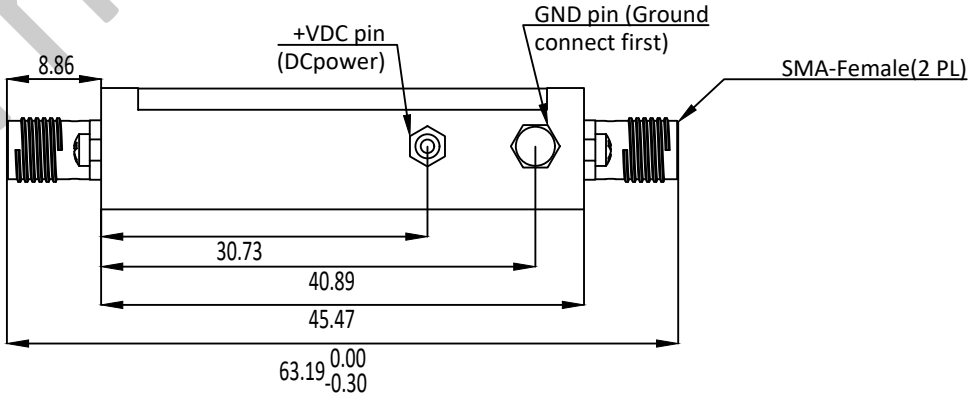
0.01 - 0.6GHz 低噪声放大器Low Noise Amplifier

—电气技术参数Electrical Specifications—

频率范围 Frequency Range:	0.01 - 0.6GHz
增益 Gain:	40dB
增益平坦度 Gain Flatness:	±0.8dB
噪声系数 Noise Figure:	0.9dB
输出P_{1dB} Output P_{1dB}:	19dBm
输入驻波比 Input VSWR:	1.6:1
输出驻波比 Output VSWR:	1.3:1
直流偏置电压 DC Supply Voltage:	+12V
直流偏置电流 DC Supply Current:	140mA
工作温度 Operation Temperature:	-40~+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 Output Interface:	SMA-F
尺寸 Size(excluding connectors):	/
重量 Weight:	/



www.lairmw.com

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE MILLIMETER
TOLERANCES ARE:
DECIMALS ANGLES FRACTIONS
.X±0.1 ±1° ±2/5
.XX±0.03
.XXX±0.012

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	DATE
DRWN	
ENG	
CHK	
Q.A.	

菜尔微波 Lair Microwave
www.lairmw.com sales@lairmw.com

P/N: LAL-5120

0.01-0.6GHz 低噪声放大器Low Noise Amplifier
增益 Gain 40dB, 噪声系数 NF 0.9dB

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