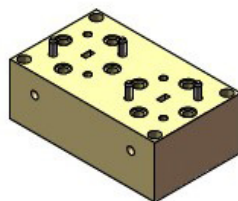
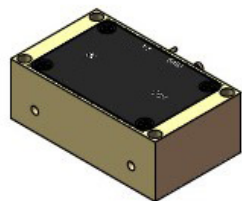
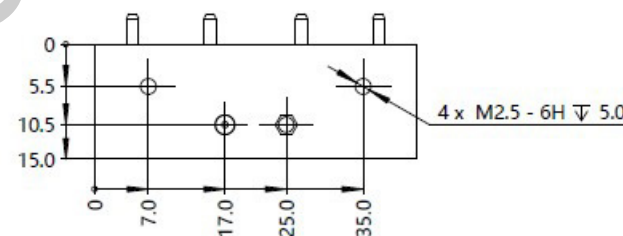
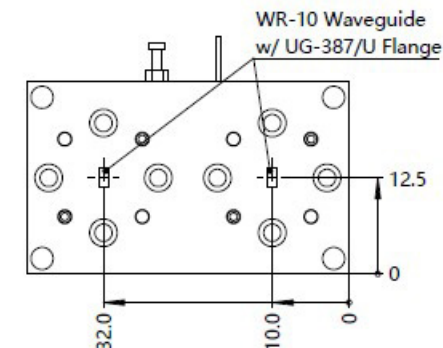
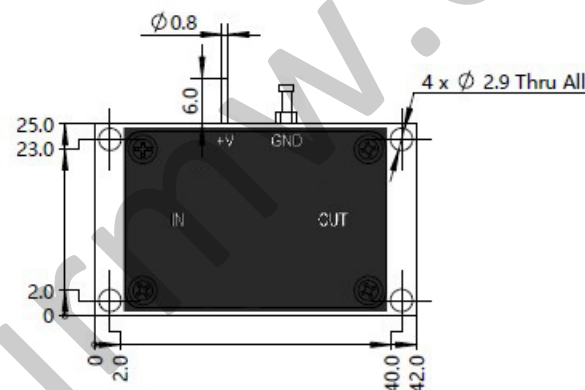
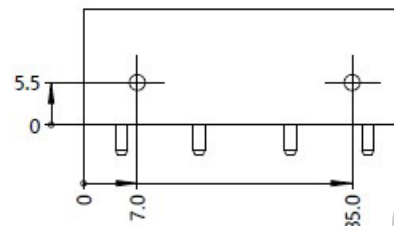


NOTES: UNLESS OTHERWISE SPECIFIED
THIS IS A CAD GENERATED DRAWING, DO NOT REVISE MANUALLY

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



3D View
Scale: 1:1



LAL-2020

75 - 110GHz 低噪声放大器 Low Noise Amplifier

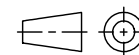
—电气技术参数 Electrical Specifications—

频率范围 Frequency Range:	75 - 110GHz
增益 Gain:	18dB(Typ), 16dB(Min)
增益平坦度 Gain Flatness:	3dBp-p(Typ), 4dBp-p(Max)
噪声系数 Noise Figure:	4.5dB(Typ), 6dB(Max)
输出 P _{1dB} Output P _{1dB} :	0dBm(Typ)
输入驻波比 Input VSWR:	10dB(Typ)
输出驻波比 Output VSWR:	10dB(Typ)
直流偏置电压 DC Supply Voltage:	+6 ~ +15V
直流偏置电流 DC Supply Current:	30mA
工作温度 Operation Temperature:	-40 ~ +85°C
存储温度 Storage Temperature:	-65 ~ +125°C

—机械技术参数 Mechanical Specification—

输入连接器 Input Interface:	WR-10 Waveguide w/UG-387/U Flange
输出连接器 Output Interface:	WR-10 Waveguide w/UG-387/U Flange
尺寸 Size(excluding connectors):	42mm*25mm*15mm
重量 Weight:	33g

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



Approvals

DATE

DRWN

ENG

CHK

Q.A.



www.lairmw.com sales@lairmw.com

P/N: LAL-2020

75-110GHz 低噪声放大器 Low Noise Amplifier
增益 Gain 18dB, 噪声系数 NF 4.5dB

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

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