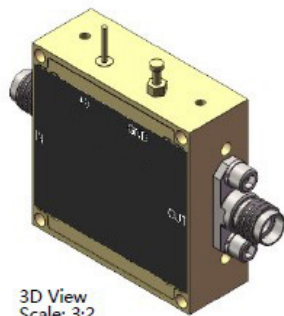
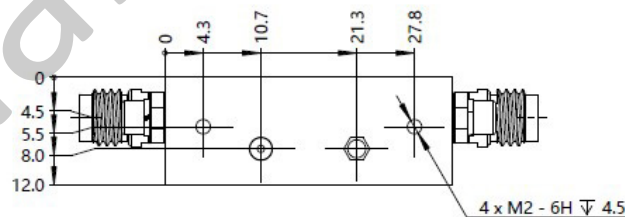
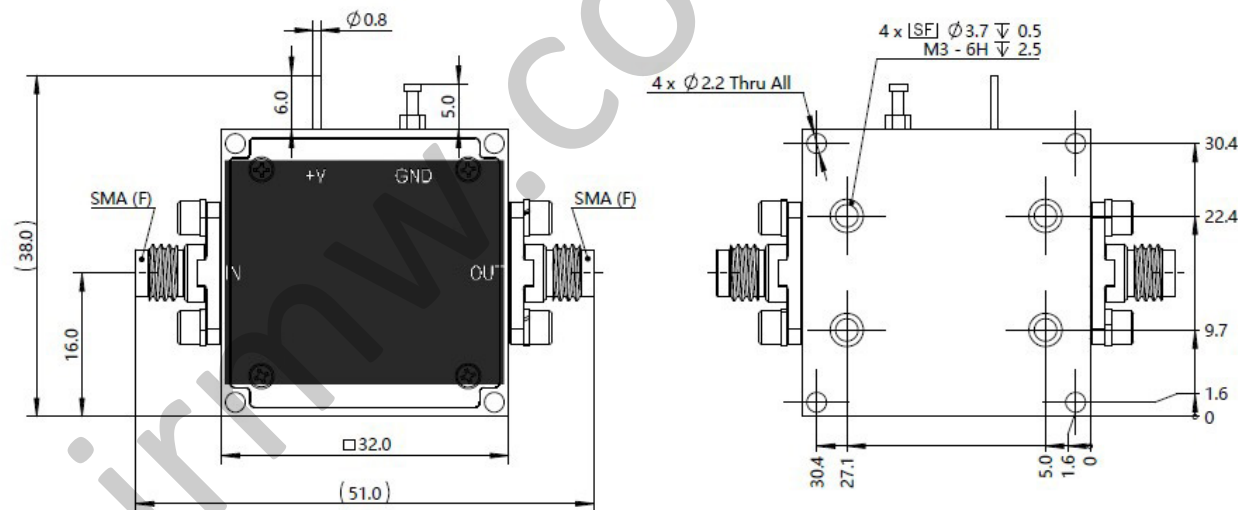


NOTES: UNLESS OTHERWISE SPECIFIED
THIS IS A CAD GENERATED DRAWING, DO NOT REVISE MANUALLY

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



3D View
Scale: 3:2



LAL-2021

9 - 10GHz 低噪声放大器 Low Noise Amplifier

—电气技术参数 Electrical Specifications—

频率范围 Frequency Range:

9 - 10GHz

增益 Gain:

21dB(Typ), 19dB(Min)

增益平坦度 Gain Flatness:

±0.5dB(Max)

噪声系数 Noise Figure:

2.0dB(Typ), 2.4dB(Max)

输出 P_{1dB} Output P_{1dB}:

18.5dBm(Typ), 18dBm(Min)

输入驻波比 Input VSWR:

13dB(Typ)

输出驻波比 Output VSWR:

13dB(Typ)

最大输入功率 Maximum Input Power:

23dBm(Typ)

直流偏置电压 DC Supply Voltage:

+5.5 ~ +15V

直流偏置电流 DC Supply Current:

85mA(Typ)

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:

SMA-F

输出连接器 Output Interface:

SMA-F

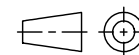
尺寸 Size(excluding connectors):

32mm*32mm*12mm

重量 Weight:

27g

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



Approvals

DATE

DRWN

ENG

CHK

Q.A.



www.lairmw.com sales@lairmw.com

P/N: LAL-2021

9-10GHz 低噪声放大器 Low Noise Amplifier
增益 Gain 21dB, 噪声系数 NF 2.0dB

SIZE
A3

CAGE NO

DWG NO.

REV
1

SCALE
3:2

UNIT
mm

SHEET 1 OF 1

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