

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			

## LFC-2014

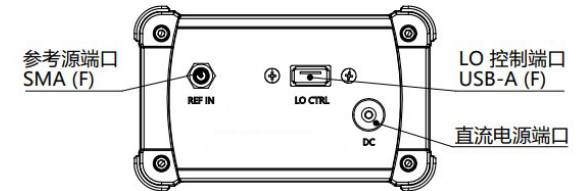
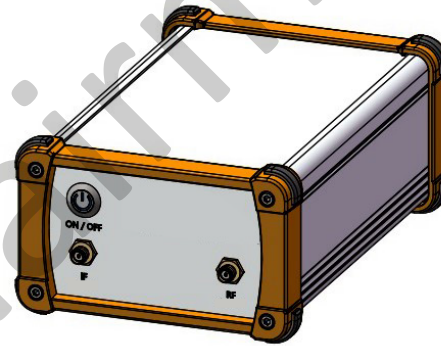
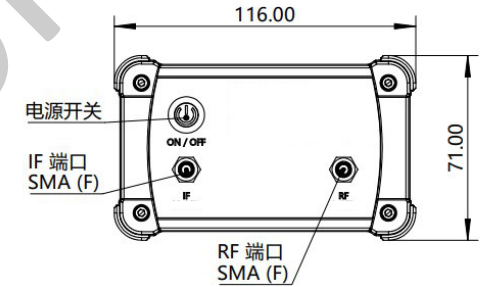
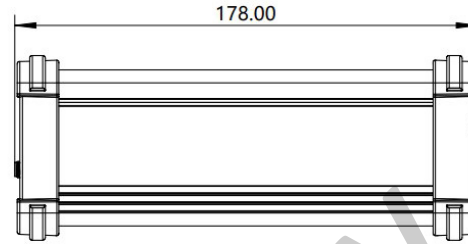
2 – 4 GHz 混频器 Frequency Mixer

### —电气技术参数 Electrical Specifications—

射频范围 RF Range:	2 – 4GHz
本振范围 LO Range:	1.2-1.8GHz
中频范围 IF Range:	DC-3GHz
LO-RF 隔离度 LO-RF Isolation:	30dB
LO-IF 隔离度 LO-IF Isolation:	40dB
RF-IF 隔离度 RF-IF Isolation:	/
变频损耗 Conversion Loss:	6dB
噪声系数 Noise Figure:	6dB
输入1dB压缩功率IP1dB:	10dBm
输入功率三阶截断点 IIP3:	20dBm
外部参考源频率 External Ref. Source Frequency:	10MHz
外部参考源功率 External Ref. Source Power:	10dBm
直流电源电压 DC Supply Voltage:	+12V
直流电源电流 DC Supply Current:	1.5A
工作温度 Operation Temperature:	-20~+40 C

### —机械技术参数 Mechanical Specifications—

RF 连接器 RF Interface:	SMA-F,前面板
LO 连接器 LO Interface:	USB-A-F,后面板
IF 连接器 IF Interface:	SMA-F,前面板
直流电源连接器 DC Power Interface:	同轴直流电源插座(5.5/2.5mm,后面板)
外部10MHz参考信号输入 External Ref. Signal Interface:	SMA-F,后面板
重量 Weight :	950g



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE MILLIMETER TOLERANCES ARE: DECIMALS ANGLES FRACTIONS .XX±0.03 ±1' ±2/5 .XXX±0.012			 www.lairmw.com sales@lairmw.com	P/N: LFC-2014	
	Approvals	DATE		2 – 4 GHz 混频器 Frequency Mixer	
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	DRWN	ENG	CHK	Q.A.
SIZE A3			CAGE NO	DWG NO.	REV 1
SCALE 3:2			UNIT mm	SHEET 1 OF 1	