

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			

LFC-2009

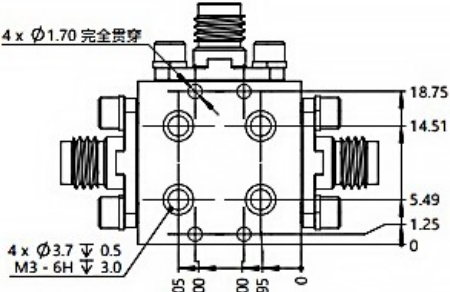
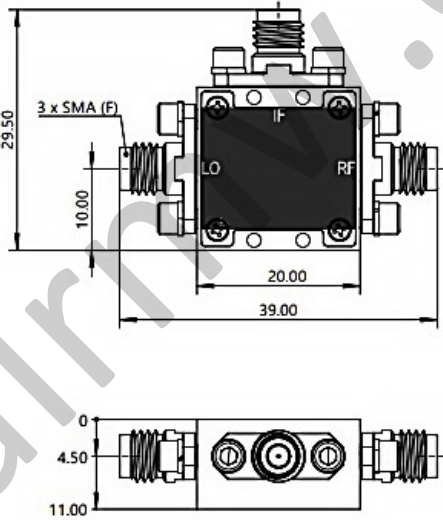
2 – 18 GHz 混频器 Frequency Mixer

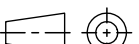
—电气技术参数 Electrical Specifications—

射频范围 RF Range:	2 – 18GHz
本振范围 LO Range:	2 – 18GHz
中频范围 IF Range:	DC – 3GHz
LO-RF 隔离度 LO-RF Isolation:	35dB
LO-IF 隔离度 LO-IF Isolation:	22dB
RF-IF 隔离度 RF-IF Isolation:	25dB
变频损耗 Conversion Loss:	10dB
本振功率 LO Power:	14dBm
输入功率三阶截断点 IIP3:	18dBm
工作温度 Operation Temperature:	-40 ~ +85℃
存储温度 Storage Temperature:	-65 ~ +125℃

—机械技术参数 Mechanical Specifications—

RF 连接器 RF Interface:	SMA-F
LO 连接器 LO Interface:	SMA-F
IF 连接器 IF Interface:	SMA-F
尺寸 Size(excluding connectors) :	20x20x11mm



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: LFC-2009															
<table><tr><td>HOLE DIAMETER</td><td>TOLERANCES</td></tr><tr><td>.35 TO 3.20</td><td>+.05/- .02</td></tr><tr><td>3.21 TO 6.35</td><td>+.10/- .03</td></tr><tr><td>6.36 TO 12.70</td><td>+.15/- .03</td></tr><tr><td>12.71 TO 19.05</td><td>+.20/- .03</td></tr><tr><td>19.06 TO 25.40</td><td>+.25/- .03</td></tr><tr><td>25.41 TO 50.80</td><td>+.30/- .03</td></tr></table>		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	2 – 18 GHz 混频器 Frequency Mixer 本振功率 LO Power 14 dBm			
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CHK		SIZE	CAGE NO	DWG NO.	REV																
Q.A.		A3			1																
		SCALE	UNIT	SHEET 1 OF 1																	
		3:2	mm																		