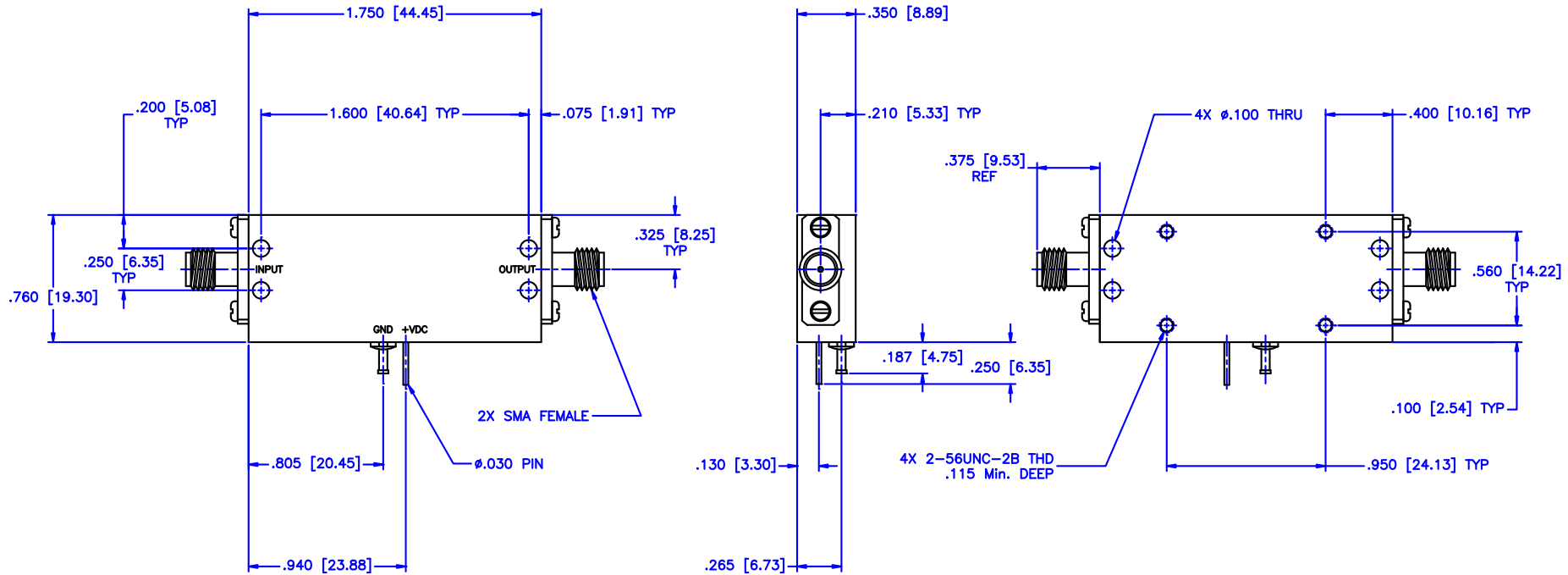


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	B	DIMENSIONS CHANGES PER CUSTOMER SIZE	7/16/2009	Paiboon



SPECIFICATIONS

Frequency Range: 2.0 GHz TO 18.0 GHz
 Power (Saturated) Gain (dB): 30dB Min.
 Saturated Gain Flatness (dB): +/- 2.0 MAX
 Noise Figure (dB): 3.5 MAX
 Power Output (dBm): +25 MIN Sat (Nominal Input Power:-5dBm)
 VSWR Input/Output: 2.0:1 Max.
 DC Power: +12 TO +15 VDC, 500 mA MAX

*CONNECTORS: SMA FEMALE INPUT/OUTPUT (FIELD REPLACEABLE)
 *STORAGE TEMP: -55°C TO +95°C (NON-OPERATING)
 *MAX INPUT POWER WITHOUT DAMAGE: +10 dBmCW
 *OPERATING TEMP: -40°C TO +85°C (SPECS @ ROOM TEMP)
 *UNIT IS UNCONDITIONALLY STABLE & 100% TESTED FOR THIS BY MCLI

MATERIAL:			MICROWAVE COMMUNICATIONS LABORATORIES INC. 7255 30TH AVE. N. SAINT PETERSBURG, FL 33710 TEL: (727) 344-6254 FAX: (727) 381-6116 http://WWW.MCLI.COM		SCALE:	N/A	
					SHEET:	N/A	
		UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: $\pm 1/64$ DECIMALS: $\pm 0.01 \pm 0.005$ ANGLE: $\pm 1/2^\circ$		DRAWING TITLE:			LOW NOISE AMPLIFIER
DRAWN:		DATE:		PART NO.:			LNA-41-30
Paiboon Luekhamhan		10-27-2009		CAGE CODE:			OD2L5
APPROVED:		DATE:		SIZE:		A	
T. Nguyen		10-27-2009		REV:		N/A	
		PROPRIETARY NOTICE: THE INFORMATION IN THIS DRAWING IS PROPRIETARY AND SHALL NOT BE USED OR DISCLOSED WITHOUT WRITTEN PERMISSION FROM MICROWAVE COMMUNICATIONS LABORATORIES INC. (MCLI)		DWG NO.: 84617		DO NOT SCALE THE DRAWING	