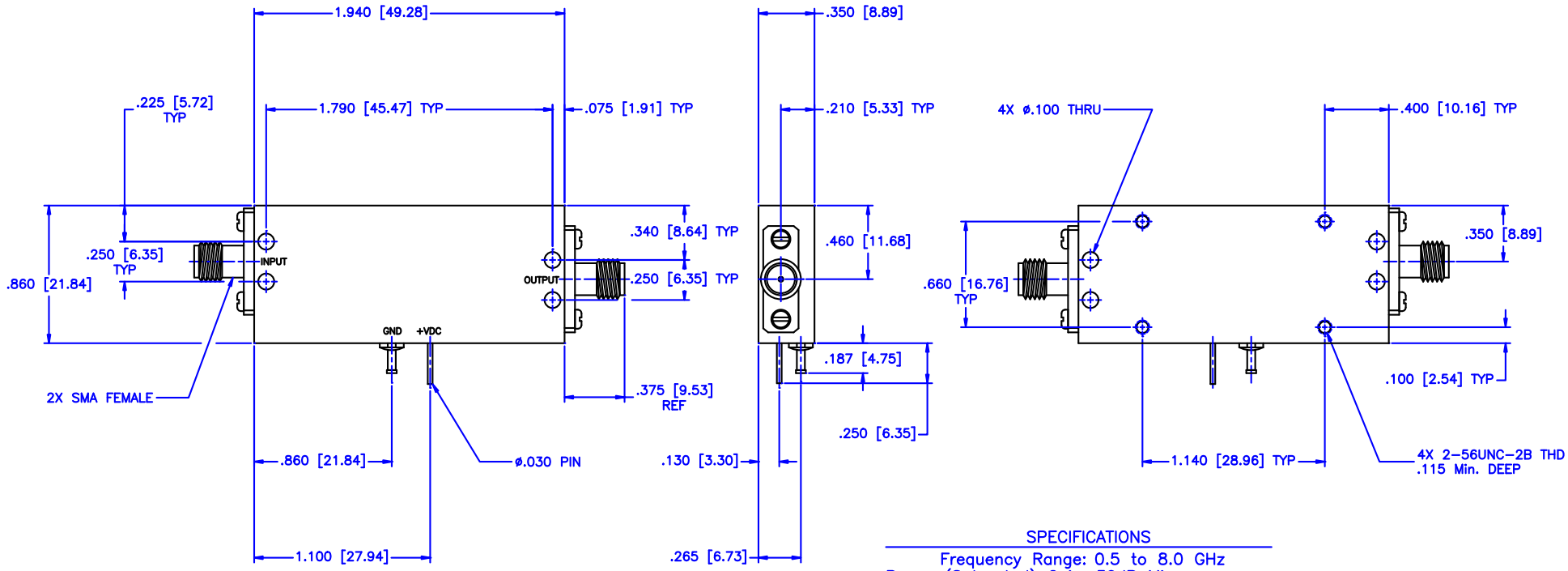
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



SPECIFICATIONS

Frequency Range: 0.5 to 8.0 GHz
Power (Saturated) Gain: 30dB Min.
Saturated Gain Flatness: ±2.0dB Max.
VSWR: 2.00:1 Max.
Noise Figure: 3.0dB Max.
Power Output: +25dBm Min.(Nominal Input Power: −5dBm)
DC Power: +12 to +15Vdc, 170mA NOM

*CONNECTORS: SMA FEMALE INPUT/OUTPUT (FIELD REPLACEABLE)
*STORAGE TEMP: −55°C TO +95°C (NON−OPERATING)
*MAX INPUT POWER WITHOUT DAMAGE: +20 dBmCW
*OPERATING TEMP: −40°C TO +85°C (SPECS @ ROOM TEMP)
*UNIT IS UNCONDITIONALLY STABLE & 100% TESTED FOR THIS BY MCLI

MATERIAL:

MCLI
MICROWAVE COMMUNICATIONS LABORATORIES INC.
7255 30TH AVE. N. SAINT PETERSBURG, FL 33710
TEL: (727) 344−6254 FAX: (727) 381−6116
hhtp://WWW.MCLI.COM

SCALE: N/A
SHEET: N/A

UNLESS OTHERWISE SPECIFIED:
TOLERANCES
IN (INCHES) OR [mm] (MILLIMETERS)
FRACTIONS: ± 1/64
DECIMALS: ±.01 ±.005
ANGLE: ±1/2°

DRAWING TITLE: LOW NOISE AMPLIFIER

PART NO. LNA−40−30

DRAWN: Paiboon Luekhamhan — DATE: 06−27−2009

APPROVED: T. Nguyen — DATE: 06−27−2009

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)

THIRD ANGLE PROJECTION

CAGE CODE: 0D2L5
SIZE: A
REV: N/A
DO NOT SCALE THE DRAWING
DWG NO. 84616