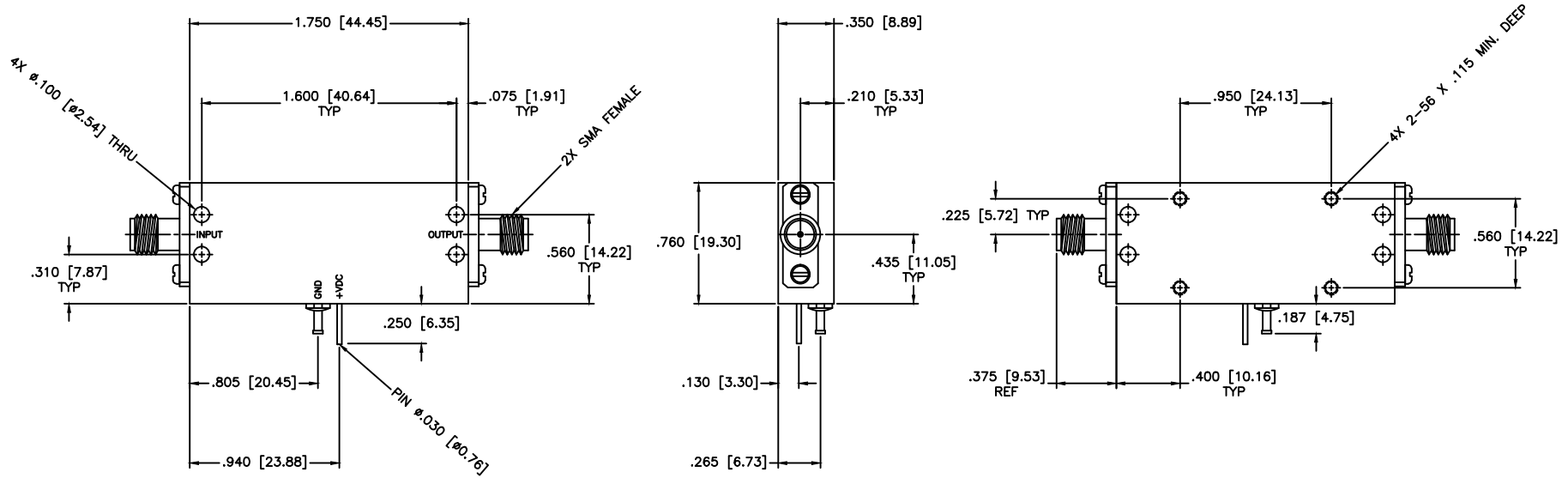


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



- *CONNECTORS: SMA FEMALE INPUT/OUTPUT (FIELD REPLACEABLE)
- *UNIT IS UNCONDITIONALLY STABLE & 100% TESTED FOR THIS BY MCLI
- *MAX INPUT POWER WITHOUT DAMAGE: +20 dBmCW
- *OPERATING TEMP: -45 TO +85 DEG C (SPECS @ ROOM TEMP)
- *STORAGE TEMP: -55 TO +95 DEG C (NON-OPERATING)

SPECIFICATIONS

Frequency Range: 8-18 GHz
Gain (dB): 28 MIN
Gain Flatness (dB): +/- 1.5 MAX
Noise Figure (dB): 6.0 MAX
Power Output (dBm): +20 MIN @ 1 dB PT
Input VSWR: 2.0:1 MAX Output VSWR: 2.0:1 MAX
3rd Order ICP (dBm): +30 TYP
DC Power: +12 TO +15 VDC, 500mA MAX

MATERIAL:		MCLI	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: ± 1/64 DECIMALS: ±.01 ±.005 ANGLE: ±1/2°	DRAWING TITLE: LOW NOISE AMPLIFIER		
		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)	PART NO. LNA-7-28		
DRAWN: Paiboon Luekhamhan	DATE: 06-24--2009	THIRD ANGLE PROJECTION 	CAGE CODE: OD2L5	SIZE: A	REV: N/A
APPROVED: T. Nguyen	DATE: 06-24-2009		DO NOT SCALE THE DRAWING		DWG NO. 84550