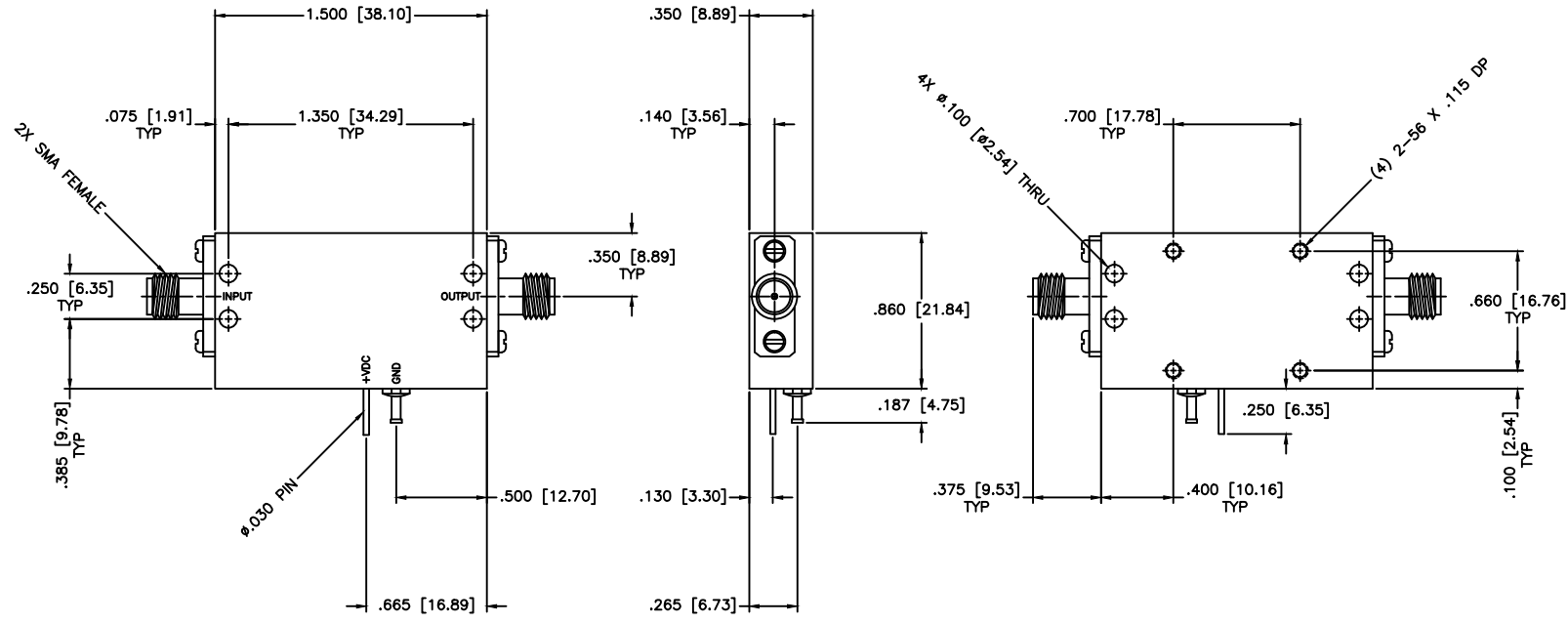


| REVISIONS | | | | |
|-----------|-----|-------------|------|----------|
| ZONE | REV | DESCRIPTION | DATE | APPROVED |
| | | | | |



*CONNECTORS: SMA FEMALE INPUT/OUTPUT (FIELD REPLACEABLE)
 *UNIT IS UNCONDITIONALLY STABLE & 100% TESTED FOR THIS
 *MAX INPUT POWER WITHOUT DAMAGE: +16 dBmCW
 *OPERATING TEMP: -20 TO +65 DEG C (SPECS @ ROOM TEMP)

SPECIFICATIONS

Frequency Range: 0.5-4.0 GHz
 Gain (dB): 20 MIN
 Gain Flatness (dB): +/- 1.25 MAX
 Noise Figure (dB): 3.0 MAX, 2.0 TYP
 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: +15 VDC, 300mA NOM

| | | | | | |
|---|--|---------------------|--|-----------------------------|---|
| 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 |
| UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.01 ±.005 ANGLE: ±1/2° | | | DRAWING TITLE: LOW NOISE AMPLIFIER | | SHEET: N/A |
| DRAWN: Paiboon Luekhamhan | | DATE: 05-13-2009 | | PART NO. LNA-4-20 | |
| APPROVED: T. Nguyen | | DATE: 05-13-2009 | | CAGE CODE: OD2L5 | SIZE: A REV: N/A DWG NO.: 84472 DO NOT SCALE THE DRAWING |

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