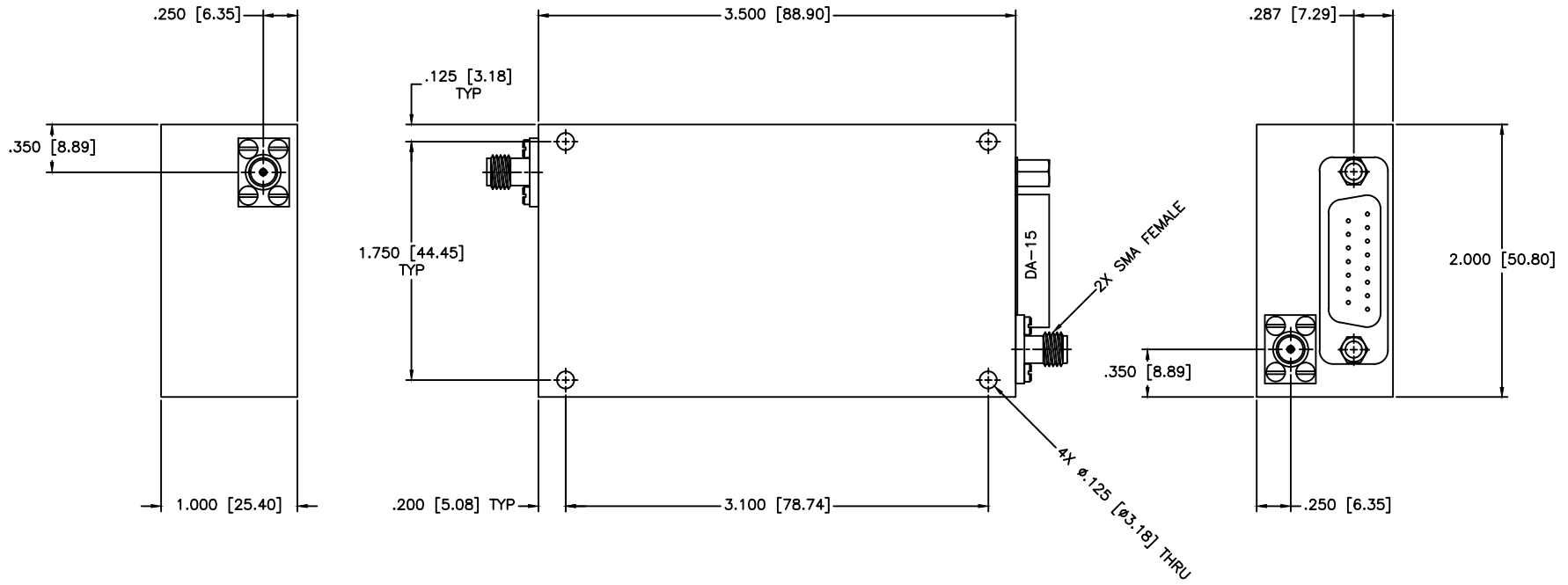


| REVISIONS | | | | |
|-----------|-----|-------------|------|----------|
| ZONE | REV | DESCRIPTION | Date | APPROVED |

VCA PIN-OUT

| PIN | FUNCTIONS |
|-----|-----------------|
| 1 | GROUND |
| 2 | CONTROL INPUT |
| 13 | +15 Vdc @ +75mA |
| 14 | -15 Vdc @ -75mA |
| 15 | GROUND |



SPECIFICATIONS

- Frequency Range: 0.5–1.0 GHz
- Insertion Loss: 1.7dB Max.
- Attenuation Range: 10dB, 20dB, 40dB, 60dB
- VSWR: 1.50:1 Max.
- Attenuation Flatness To:
 - 10±0.5dB Max.
 - 20±1.0dB Max.
 - 40±1.7dB Max.
 - 60±2.5dB 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 |
| UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.01 ±.005 ANGLE: ±1/2° | | DRAWING TITLE: | | VOLTAGE CONTROLLED PIN DIODE ATTENUATORS | |
| DRAWN: Paiboon Luekhamhan | | DATE: 03-13-2001 | | PART NO. VC-1 | |
| APPROVED: T. Nguyen | | DATE: 03-13-2001 | | CAGE CODE: OD2L5 | SIZE: A |
| <small>PROPRIETARY NOTING: THE INFORMATION IN THIS DRAWING IS PROPRIETARY AND SHALL NOT BE USED OR DISCLOSED WITHOUT WRITTEN PERMISSION FROM MICROWAVE COMMUNICATIONS LABORATORIES INC. (MCLI)</small> | | <small>THIRD ANGLE PROJECTION</small> | | REV: N/A | DWG NO. 81907 |
| DO NOT SCALE THE DRAWING | | | | | |