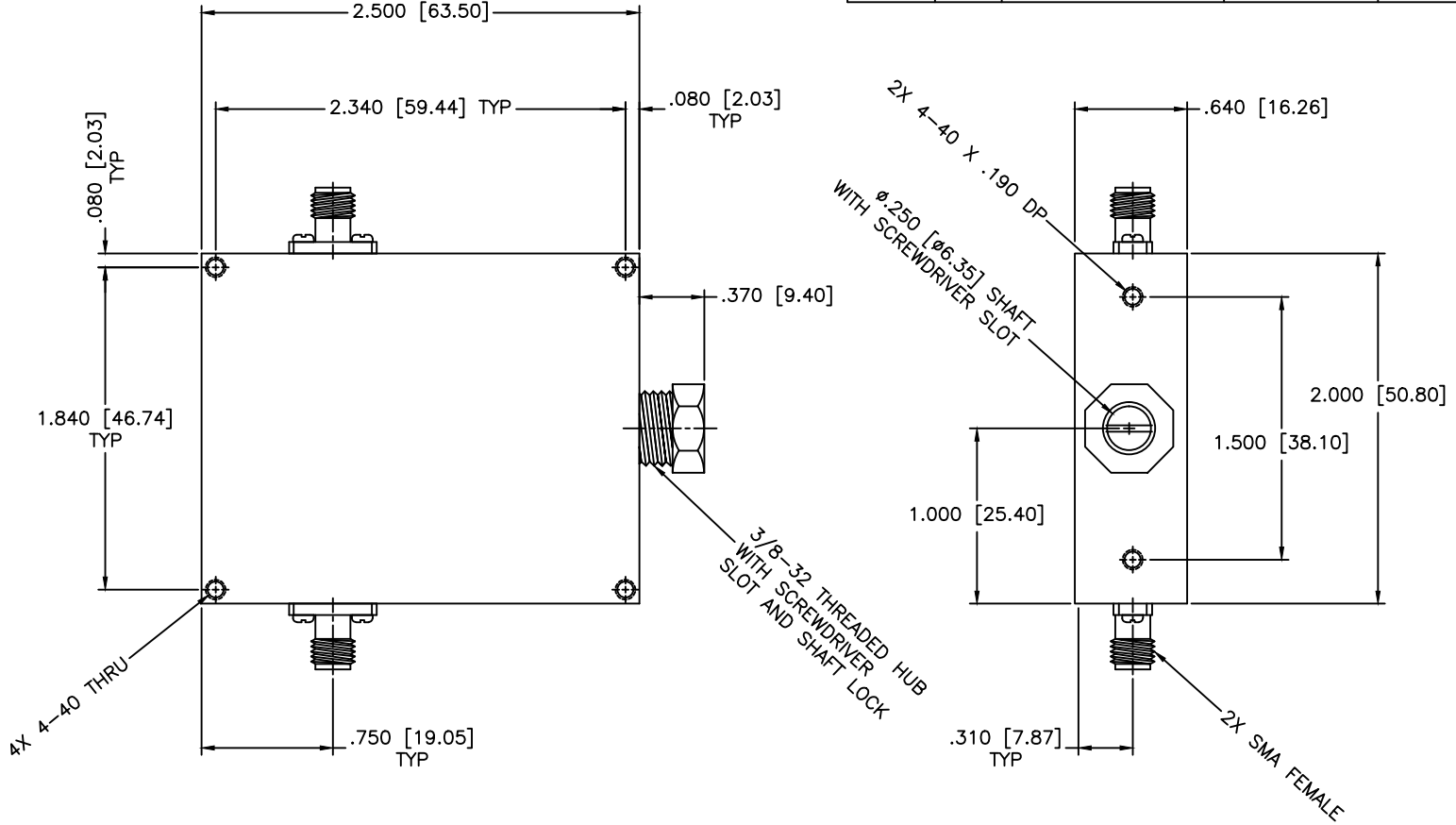


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | DATE | APPROVED |



**SPECIFICATIONS**

Frequency Range: 7.9-12.7 GHz  
 Attenuation: 30dB  
 Insertion Loss: 0.5 Max.  
 VSWR: 1.50:1 Max.  
 Power Handling: 7W Avg. 3kW Peak

**ENVIRONMENTAL**

Temperature Range: -55°C to +110°C  
 Shock: 15 G's, 11ms, 1/2 sine  
 Vibration: 3 G's overall  
 Altitude: 40,000ft. Survival 25,000ft Operating

|                              |                     |
|------------------------------|---------------------|
| MATERIAL:                    |                     |
| DRAWN:<br>Paiboon Luekhamhan | DATE:<br>02-08-2011 |
| APPROVED:<br>T. Nguyen       | DATE:<br>02-08-2011 |

|   |  |                          |                                       |
|---|--|--------------------------|---------------------------------------|
|   | MICROWAVE COMMUNICATIONS LABORATORIES INC.<br>7255 30TH AVE. N. SAINT PETERSBURG, FL 33710<br>TEL: (727) 344-6254 FAX: (727) 381-6116<br>http://WWW.MCLI.COM |                          | SCALE:<br>N/A                         |
|   | UNLESS OTHERWISE SPECIFIED:<br>TOLERANCES<br>IN (INCHES) OR [mm] (MILLIMETERS)<br>FRACTIONS: ± 1/64<br>DECIMALS: ±.01 ±.005<br>ANGLE: ±1/2°                  |                          | SHEET:<br>N/A                         |
| DRAWING TITLE:<br>CONTINUOUSLY VARIABLE ATTENUATOR  |  | PART NO.<br>CVA11-30     |                                       |
| PROPRIETARY NOTICE:<br>THE INFORMATION IN THIS DRAWING IS PROPRIETARY<br>AND SHALL NOT BE USED OR DISCLOSED WITHOUT WRITTEN<br>PERMISSION FROM MICROWAVE COMMUNICATIONS<br>LABORATORIES INC. (MCLI) |  | CAGE CODE:<br>OD2L5      | SIZE: A<br>REV: N/A<br>DWG NO.: 85435 |
| THIRD ANGLE PROJECTION<br>  |  | DO NOT SCALE THE DRAWING |                                       |