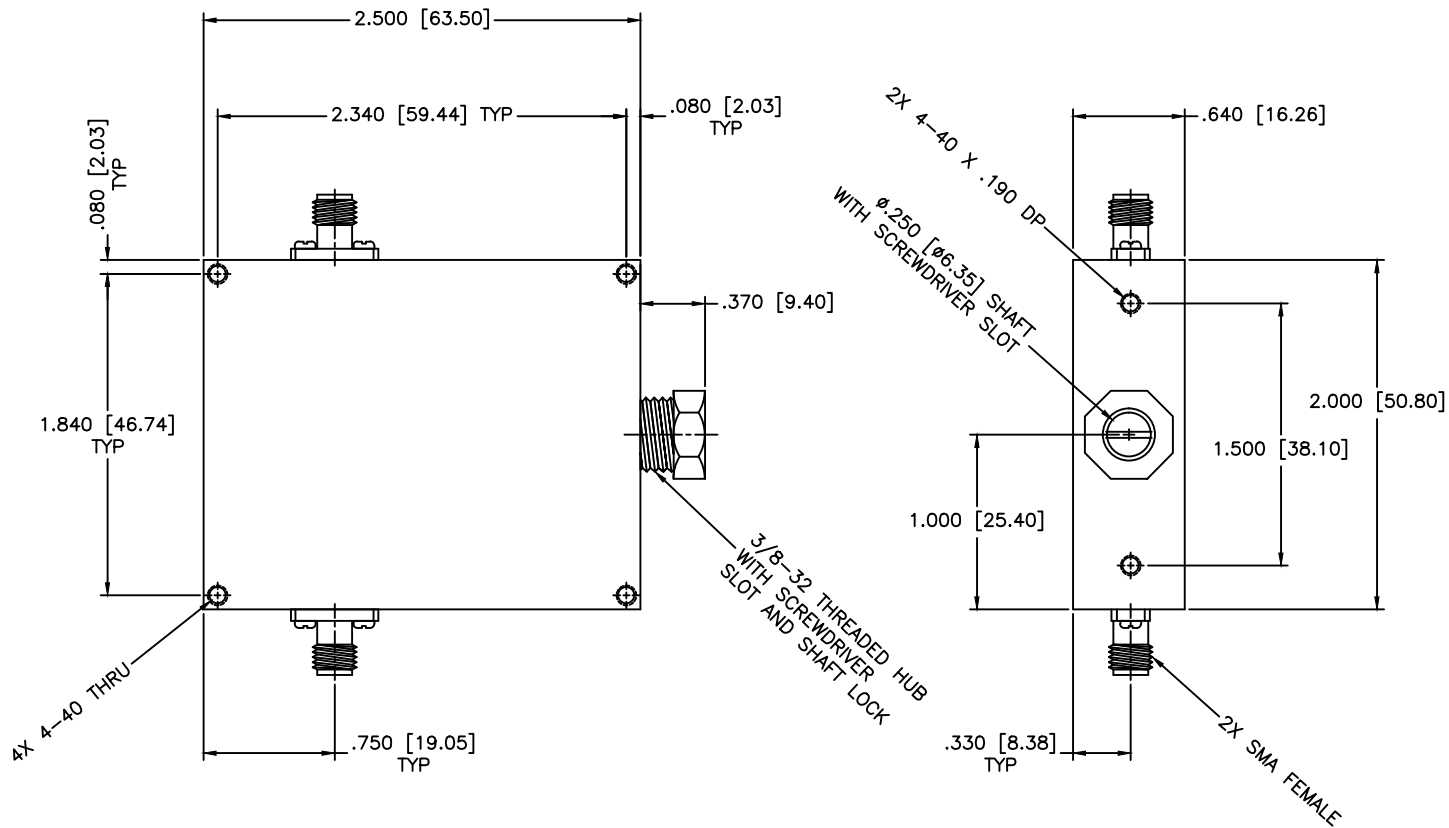


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | DATE | APPROVED |



**SPECIFICATIONS**

Frequency Range: 1-4 GHz  
 Attenuation: 20dB  
 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:          |  |   | 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: | N/A     |
|                    |  |   |  |                                      | SHEET: | 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°   |  | DRAWING TITLE:                       |        |         |
|                    |  |   |  | CONTINUOUSLY VARIABLE ATTENUATOR     |        |         |
|                    |  |   |  | PART NO.                             |        |         |
|                    |  |   |  | CVA16-20                             |        |         |
| DRAWN:             |  | DATE:   |  | CAGE CODE:                           |        |         |
| Paiboon Luekhamhan |  | 02-08-2011  |  | OD2L5                                |        |         |
| APPROVED:          |  | DATE:   |  | SIZE:                                |        | DWG NO. |
| T. Nguyen          |  | 02-08-2011  |  | N/A                                  |        | 85282   |
|                    |  | 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) |  | REV: N/A<br>DO NOT SCALE THE DRAWING |        |         |
|                    |  | THIRD ANGLE PROJECTION<br>  |  |                                      |        |         |