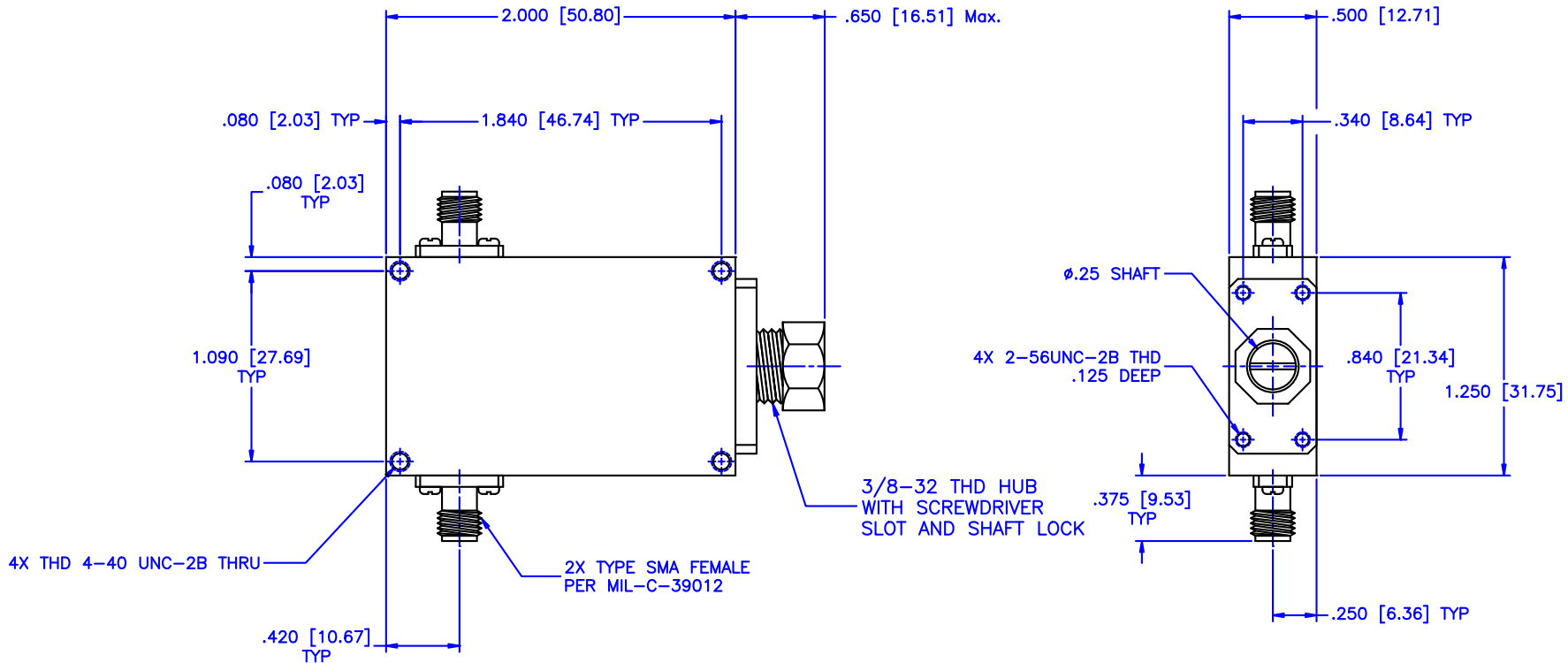


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | DATE | APPROVED |



Specifications

Frequency Range: 8.5–10.5 GHz  
 Attenuation: 10dB  
 Insertion Loss: 0.5 Max.  
 VSWR: 1.50:1  
 Attenuation Vs Frequency: ±1.0dB  
 RF Power: 5W Average, 3kW Peak

Environmental

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

|                              |                     |   |                     |   |                                  |
|------------------------------|---------------------|---|---------------------|---|----------------------------------|
| 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                              |
|                              |                     | 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 |
| DRAWN:<br>Paiboon Luekhamhan | DATE:<br>02-09-2011 | 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) |                     | PART NO.:                                       | CA12-20                          |
| APPROVED:<br>T. Nguyen       | DATE:<br>02-09-2011 | THIRD ANGLE PROJECTION<br>  | CAGE CODE:<br>OD2L5 | SIZE: A<br>REV: N/A<br>DO NOT SCALE THE DRAWING | DWG NO.<br>80646                 |