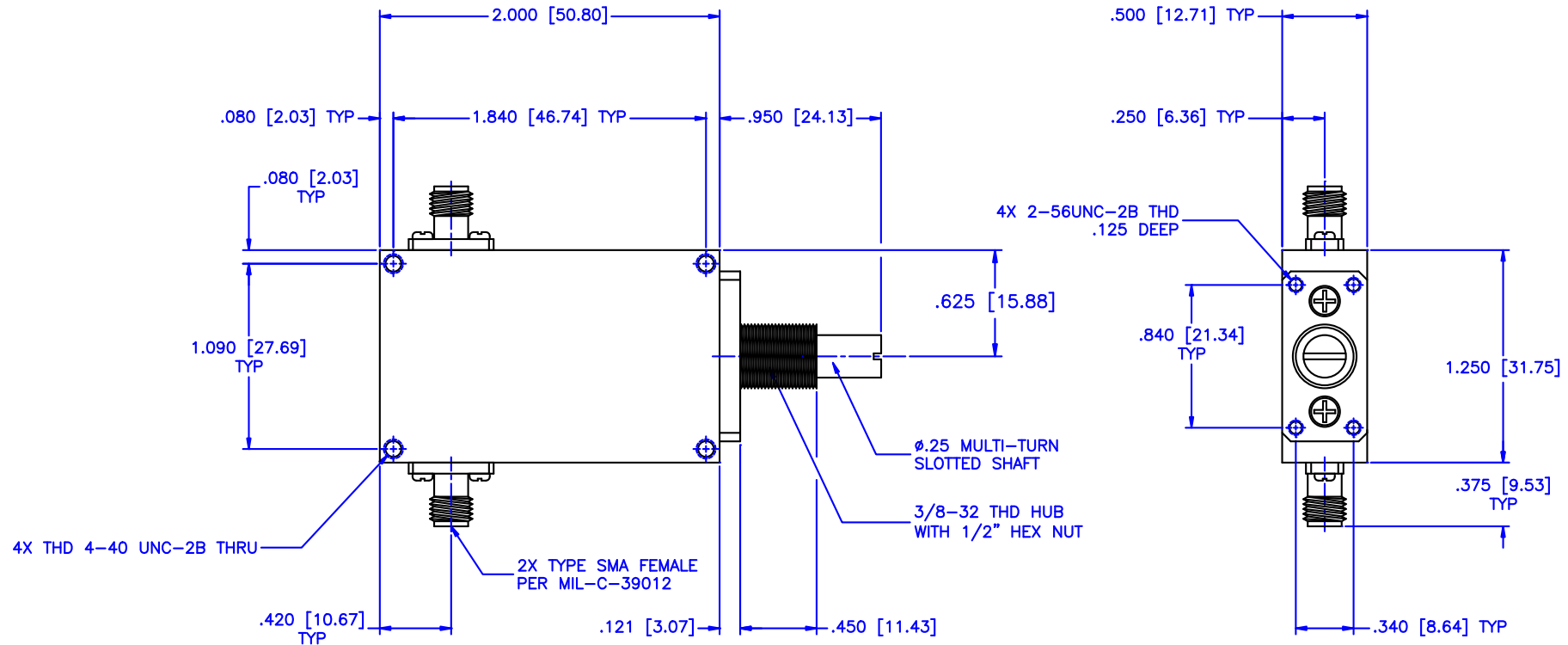


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | DATE | APPROVED |



#### Specifications:

Frequency Range: 4-8 GHz  
 Attenuation: 30dB  
 Insertion Loss: 0.5 Max.  
 VSWR: 1.50:1 Max.

Attenuation Vs Frequency:  $\pm 1.0$ dB

#### Environmental:

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

|                                                                                                                                                                     |  |                                                                                                                                                                                                            |  |                          |      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------|------|
| MATERIAL:                                                                                                                                                           |  | <b>MCLI</b> MICROWAVE COMMUNICATIONS LABORATORIES INC.<br>7255 30TH AVE. N. SAINT PETERSBURG, FL 33710<br>TEL: (727) 344-6254 FAX: (727) 381-6116<br><a href="http://WWW.MCLI.COM">http://WWW.MCLI.COM</a> |  | SCALE:                   |      |
|                                                                                                                                                                     |  |                                                                                                                                                                                                            |  | N/A                      |      |
| UNLESS OTHERWISE SPECIFIED:<br>TOLERANCES<br>IN (INCHES) OR [mm] (MILLIMETERS)<br>FRACTIONS: $\pm 1/64$<br>DECIMALS: $\pm 0.01 \pm 0.005$<br>ANGLE: $\pm 1/2^\circ$ |  | DRAWING TITLE:                                                                                                                                                                                             |  |                          |      |
|                                                                                                                                                                     |  | ATTENUATOR                                                                                                                                                                                                 |  |                          |      |
| DRAWN: Paiboon Luekhamhan<br>DATE: 12-17-2010                                                                                                                       |  | PART NO.                                                                                                                                                                                                   |  |                          |      |
|                                                                                                                                                                     |  | CA6-30                                                                                                                                                                                                     |  |                          |      |
| APPROVED: T. Nguyen<br>DATE: 12-17-2010                                                                                                                             |  | CAGE CODE:                                                                                                                                                                                                 |  | SIZE:                    | REV: |
|                                                                                                                                                                     |  | OD2L5                                                                                                                                                                                                      |  | A                        | N/A  |
| THIRD ANGLE PROJECTION<br>                                                                                                                                          |  | DWG NO.                                                                                                                                                                                                    |  | DO NOT SCALE THE DRAWING |      |
|                                                                                                                                                                     |  | 85136                                                                                                                                                                                                      |  |                          |      |