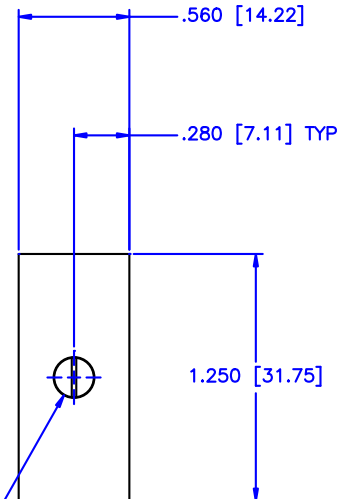
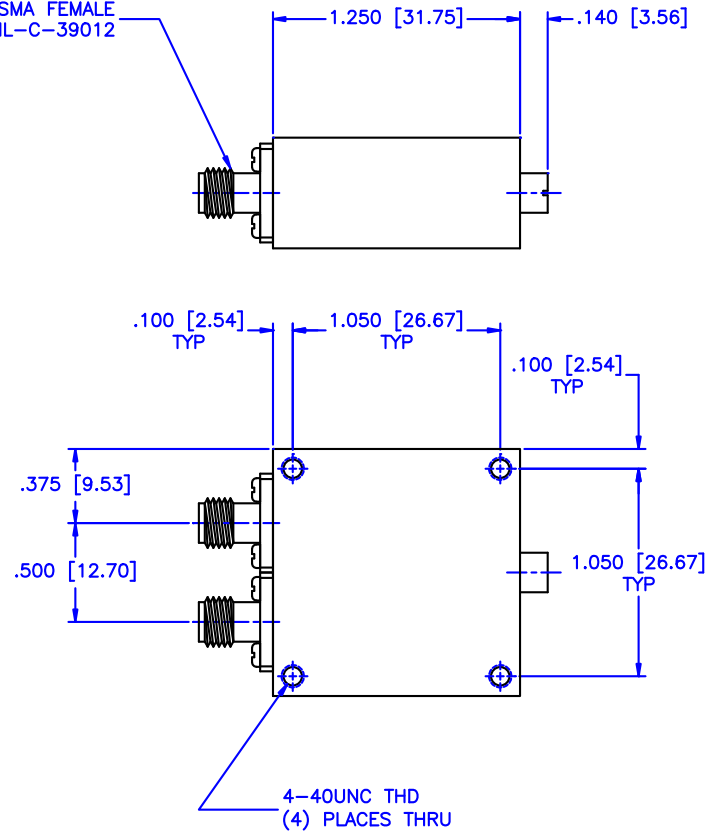


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | DATE | APPROVED |

2X TYPE SMA FEMALE  
PERMIL-C-39012



#### SPECIFICATIONS:

Frequency Range: DC-500 MHz  
Attenuation Min/Typ: 0-5dB/0-20dB  
Insertion loss: 0.5dB Max.  
Flatness:  $\pm 1.0$ dB  
VSWR: 1.80:1 Max.  
RF Power: 0.5 W Average  
Impedance: 50 Ohms  
Operating Temperature: -20°C to +70°C

|                                                                                                                                                                     |  |                                                                                                                                                                                                     |  |                                                                                                                                                                                                |  |                          |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------|--|
| MATERIAL:                                                                                                                                                           |  |                                                                                                                                                                                                     |  | 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<br>SHEET: 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: COAXIAL ATTENUATOR                                                                                                                                                                   |  |                                                                                                                                                                                                |  |                          |  |
| PART NO. CVAL1-15                                                                                                                                                   |  | 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) |  |                                                                                                                                                                                                |  |                          |  |
| DRAWN: Paiboon Luekhamhan<br>DATE: 01-30-2008                                                                                                                       |  | CAGE CODE: 0D2L5                                                                                                                                                                                    |  | SIZE: A                                                                                                                                                                                        |  | REV: N/A                 |  |
| APPROVED: T. Nguyen<br>DATE: 01-30-2008                                                                                                                             |  | THIRD ANGLE PROJECTION                                                                                                                                                                              |  | DO NOT SCALE THE DRAWING                                                                                                                                                                       |  | DWG NO. 83051            |  |