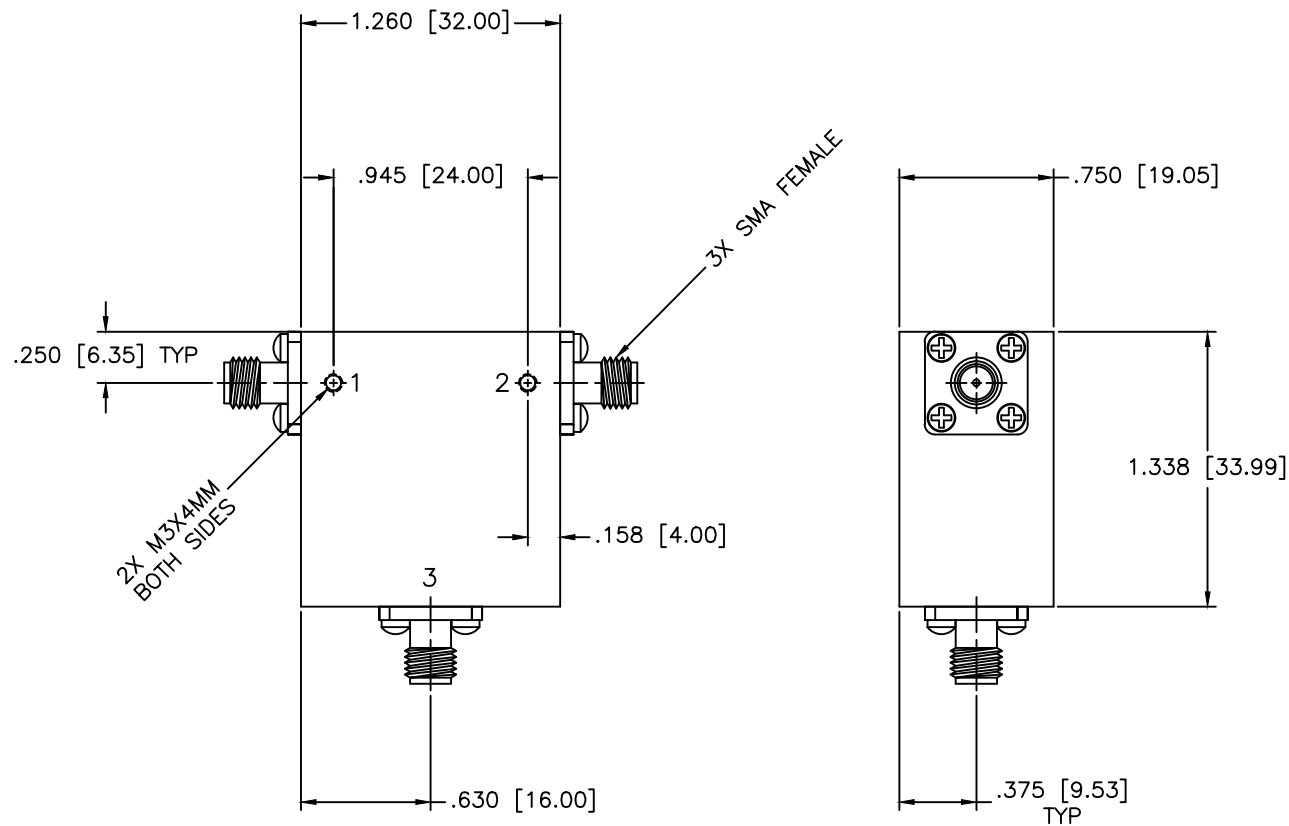


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | Date | APPROVED |



#### SPECIFICATIONS

Frequency Range: 2.6–5.5 GHz  
 Isolation: 16dB Min.  
 Insertion loss: 0.70dB Max.  
 VSWR: 1.40:1 Max.  
 Power: 25W Avg, 250W Peak.  
 Operating Temperature: –30°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>http://WWW.MCLI.COM |  | 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: $\pm 0.01 \pm 0.05$<br>ANGLE: $\pm 1/2^\circ$ |  | DRAWING TITLE:<br><h3>COAXIAL CIRCULATOR</h3> |  |                                                                                                                                                              |  |                                                                                                                                                                                                     |  |
| PART NO.<br><h2>CS-14</h2>                                                                                                                                         |  | CAGE CODE: OD2L5                              |  |                                                                                                                                                              |  |                                                                                                                                                                                                     |  |
| DRAWN: Paiboon Luekhamhan<br>DATE: 05-19-2010                                                                                                                      |  | DATE: 05-19-2010                              |  | SIZE: N/A<br>REV: N/A<br>DO NOT SCALE THE DRAWING                                                                                                            |  | DWG NO.<br>84837                                                                                                                                                                                    |  |
| APPROVED: T. Nguyen                                                                                                                                                |  | DATE: 05-19-2010                              |  | THIRD ANGLE PROJECTION<br>                                                                                                                                   |  | 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) |  |