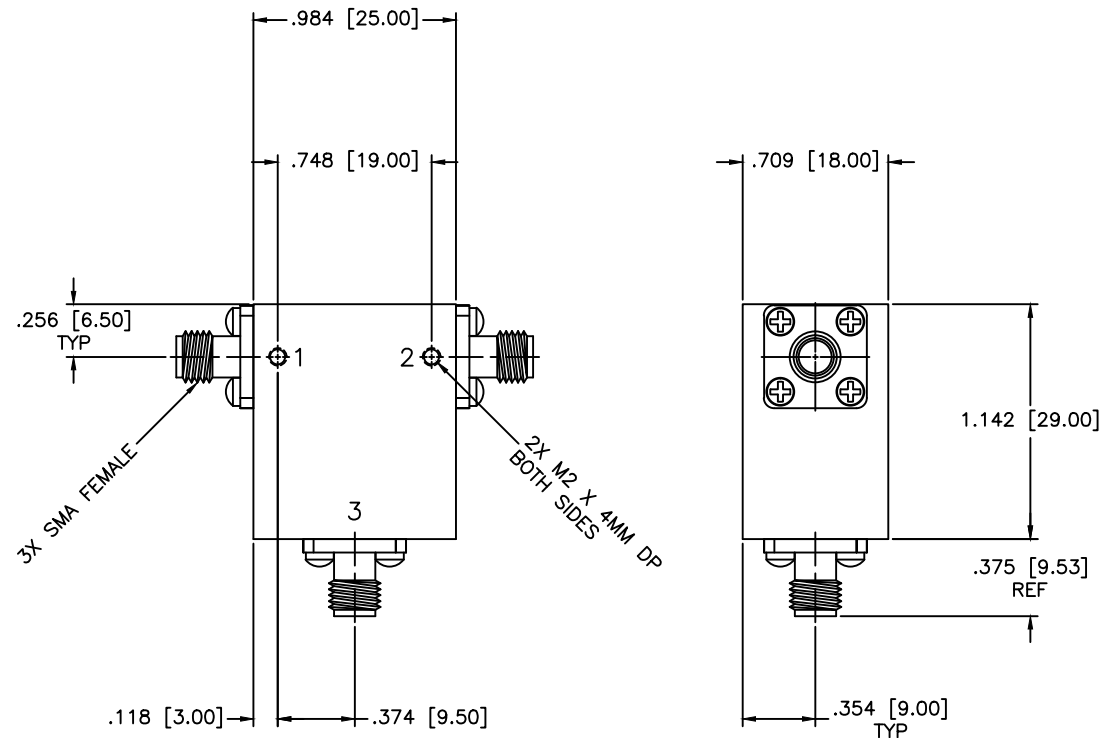


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | Date | APPROVED |
|           |     |             |      |          |



#### SPECIFICATIONS

Frequency Range: 7.9–8.4 GHz  
 Isolation: 22dB Min.  
 Insertion loss: 0.30dB Max.  
 VSWR: 1.20:1 Max.  
 Operating Temperature: –54°C to +85°C  
 Average Power: 100 Watts

|                                                                                                                                                                     |                     |                                                                                                                                                                                                            |            |                          |          |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------------------|----------|----------|
| 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               |          |          |
|                                                                                                                                                                     |                     |                                                                                                                                                                                                            |            | 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:<br><br>COAXIAL CIRCULATOR                                                                                                                                                                   |            |                          |          |          |
|                                                                                                                                                                     |                     | PART NO.<br><br>CS-185                                                                                                                                                                                     |            |                          |          |          |
| DRAWN:<br>Paiboon Luekhamhan                                                                                                                                        | DATE:<br>06-08-2012 | 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)        | CAGE CODE: | SIZE: N/A                | REV: N/A | DWG. NO. |
| APPROVED:<br>T. Nguyen                                                                                                                                              | DATE:<br>06-08-2012 |                                                                                                                                                                                                            | OD2L5      | DO NOT SCALE THE DRAWING |          | 86118    |