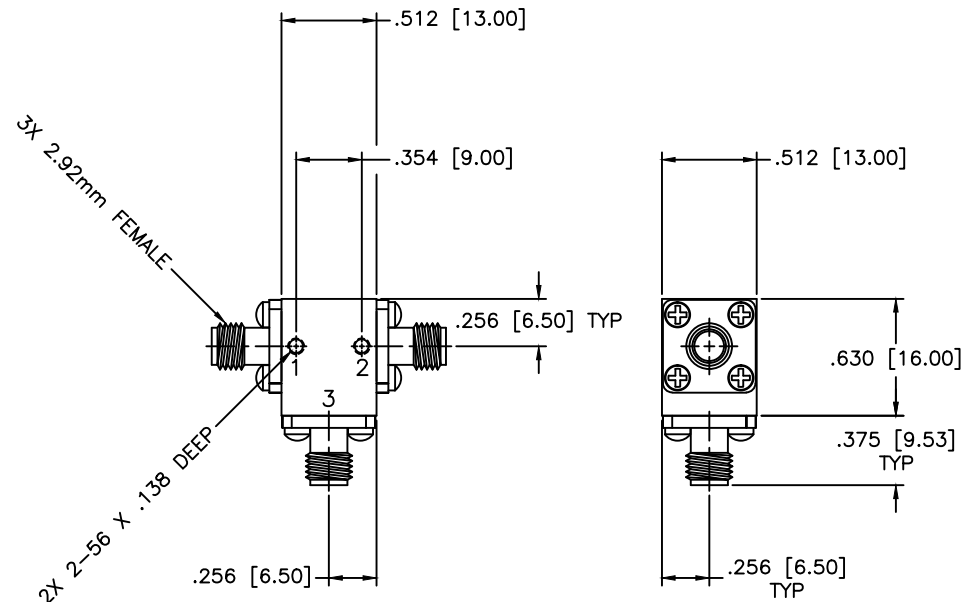


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | Date | APPROVED |



#### SPECIFICATIONS

Frequency Range: 26–40 GHz  
 Isolation: 15dB Min.  
 Insertion loss: 1.2dB Max.  
 VSWR: 1.43:1 Max.  
 Power: 10W FWD, 1W REV.  
 Operating Temperature: –10°C to +40°C

|                                                                                                                                                                            |                     |                                                                                                                                                                                                           |                          |            |             |                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------|-------------|--------------------|
| <b>MATERIAL:</b><br><div style="border: 1px solid black; height: 100px; width: 100%;"></div>                                                                               |                     | <b>MCL</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 |             |                    |
| <b>UNLESS OTHERWISE SPECIFIED:</b><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><h2 style="text-align: center;">COAXIAL CIRCULATOR</h2>                                                                                                                                 |                          |            |             |                    |
|                                                                                                                                                                            |                     | PART NO.:<br><h2 style="text-align: center;">CS-158</h2>                                                                                                                                                  |                          |            |             |                    |
| DRAWN:<br>Paiboon Luekhamhan                                                                                                                                               | DATE:<br>08-10-2011 | 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)       | CAGE CODE:<br>OD2L5      | SIZE:<br>A | REV:<br>N/A | DWG. NO.:<br>85818 |
| APPROVED:<br>T. Nguyen                                                                                                                                                     | DATE:<br>08-10-2011 | THIRD ANGLE PROJECTION<br>                                                                                                                                                                                | DO NOT SCALE THE DRAWING |            |             |                    |