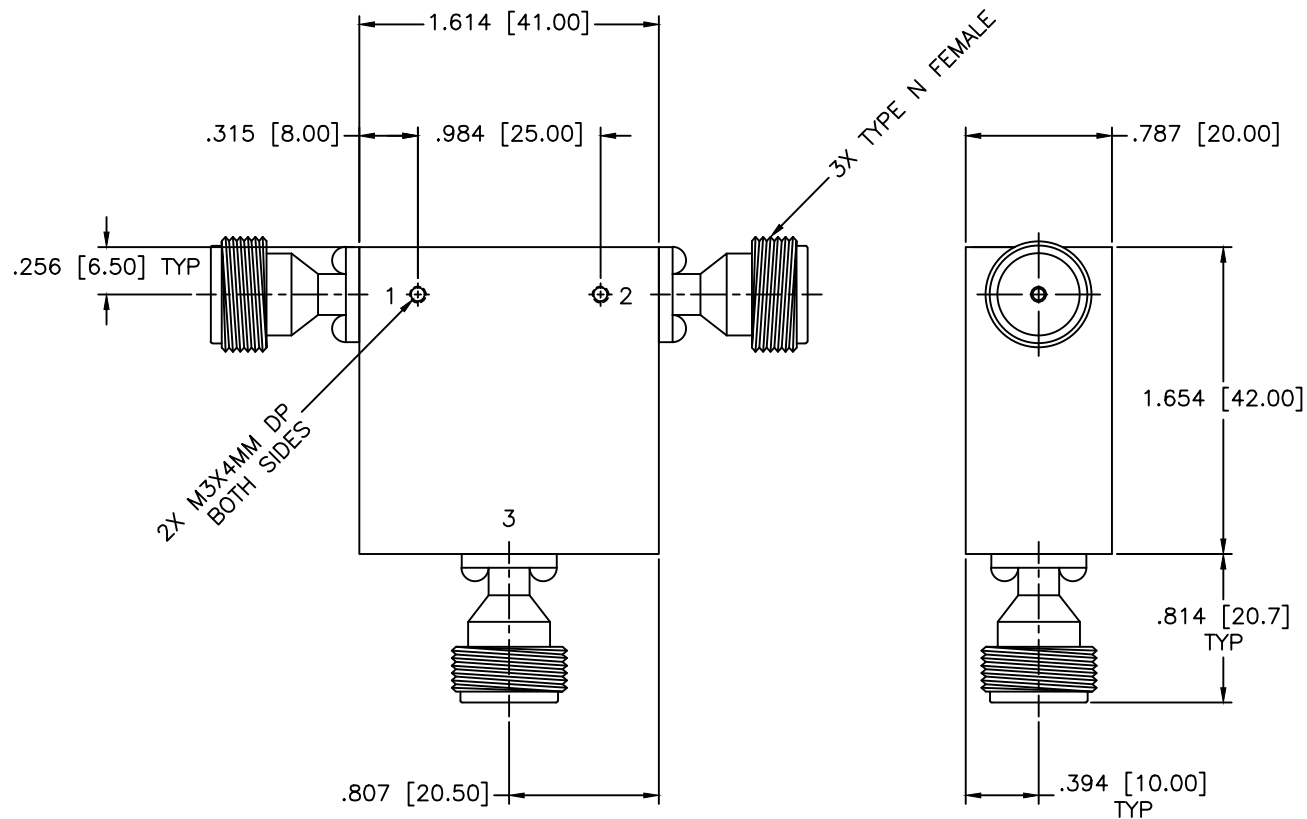




#### SPECIFICATIONS

Frequency Range: 2–4 GHz  
 Isolation: 18dB Min.  
 Insertion loss: 0.50dB Max.  
 VSWR: 1.35:1 Max.  
 Operating Temperature: –30°C to +70°C  
 Circulator Power:  
 Average: 25 Watts  
 Peak: 250 Watts

|                                                                                                                                                                     |                  |                                                                                                                                                                                                                               |  |                                     |                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------|---------------------------|
| MATERIAL:                                                                                                                                                           |                  | <b>MCLI</b><br>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: COAXIAL CIRCULATOR                                                                                                                                                                                             |  |                                     |                           |
|                                                                                                                                                                     |                  | PART NO. CS-10/NF                                                                                                                                                                                                             |  |                                     |                           |
| DRAWN: Paiboon Luethamhan<br>DATE: 04-12-2000                                                                                                                       | DATE: 04-12-2000 | CAGE CODE: OD2L5                                                                                                                                                                                                              |  | SIZE: A<br>DO NOT SCALE THE DRAWING | REV: N/A<br>DWG NO. 81516 |
| APPROVED: T. Nguyen                                                                                                                                                 |                  | 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)<br>THIRD ANGLE PROJECTION |  |                                     |                           |