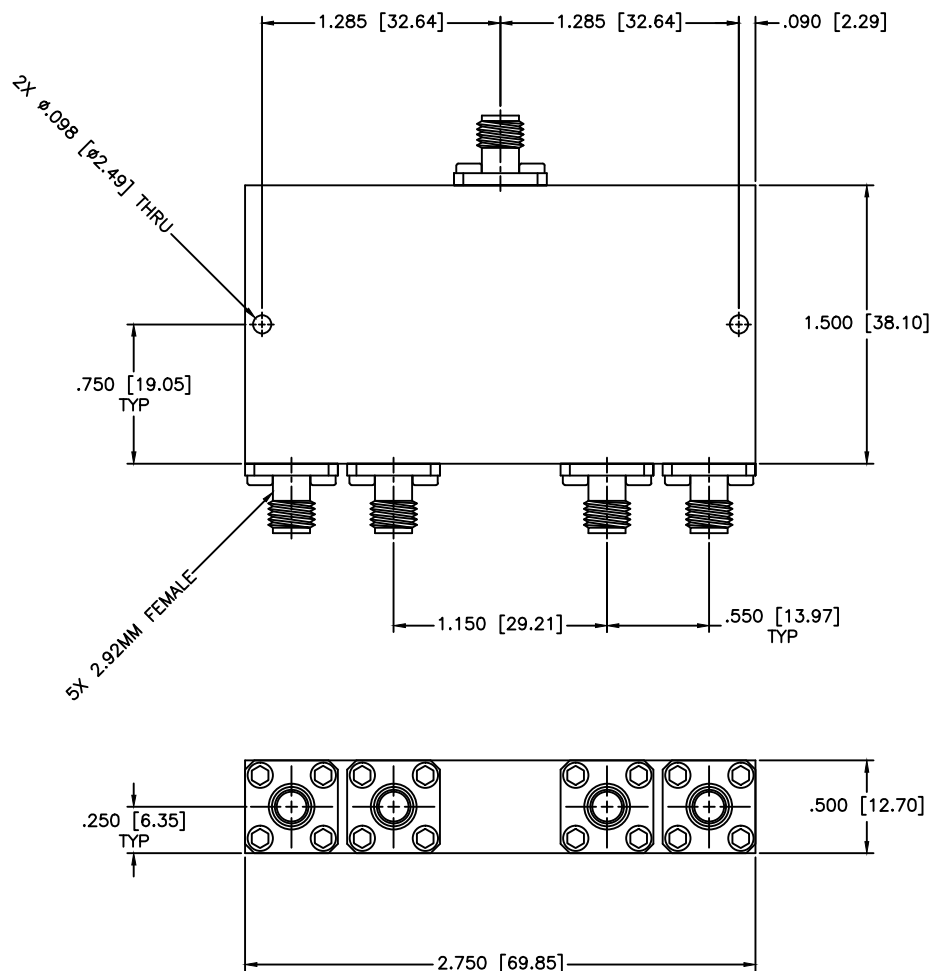
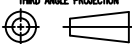


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | DATE | APPROVED |

# SPECIFICATIONS

Frequency Range: 6–40 GHz  
Insertion Loss: 2.5dB Max.  
Isolation: 16dB Min.  
VSWR Input/Output: 1.65:1/1.65:1 Max.  
Amplitude balance:  $\pm 0.7$ dB Max.  
Phase balance:  $\pm 8^\circ$  Max.  
Power: 20W Avg, 3kW Peak.  
Operating Temperature:  $-32^\circ\text{C}$  to  $+85^\circ\text{C}$



|                                               |  |                                                                                                                                                                                                                                                         |  |                                    |               |
|-----------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------|---------------|
| MATERIAL:                                     |  |  <b>MICROWAVE COMMUNICATIONS LABORATORIES INC.</b><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                         |               |
|                                               |  |                                                                                                                                                                                                                                                         |  | SHEET: N/A                         |               |
| DRAWN: Paiboon Luekhamhan<br>DATE: 11-17-2011 |  | <b>UNLESS OTHERWISE SPECIFIED:</b><br>TOLERANCES<br>IN (INCHES) OR [mm] (MILLIMETERS)<br>FRACTIONS: $\pm 1/64$<br>DECIMALS: $\pm .02 \pm .008$<br>ANGLE: $\pm 1/2^\circ$                                                                                |  | DRAWING TITLE: 4-WAY POWER DIVIDER |               |
|                                               |  |                                                                                                                                                                                                                                                         |  | PART NO. PS4-207                   |               |
| APPROVED: T. Nguyen<br>DATE: 11-17-2011       |  | <b>PROPRIETARY NOTICE:</b><br>THE INFORMATION IN THIS DRAWING IS PROPRIETARY AND SHALL NOT BE USED OR DISCLOSED WITHOUT WRITTEN PERMISSION FROM MICROWAVE COMMUNICATIONS LABORATORIES INC. (MCLI)                                                       |  | CAGE CODE: OD2L5                   | SIZE: A       |
|                                               |  |                                                                                                                                                                                                                                                         |  | REV: N/A                           | DWG NO. 85932 |
|                                               |  |  THIRD ANGLE PROJECTION                                                                                                                                              |  | DO NOT SCALE THE DRAWING           |               |