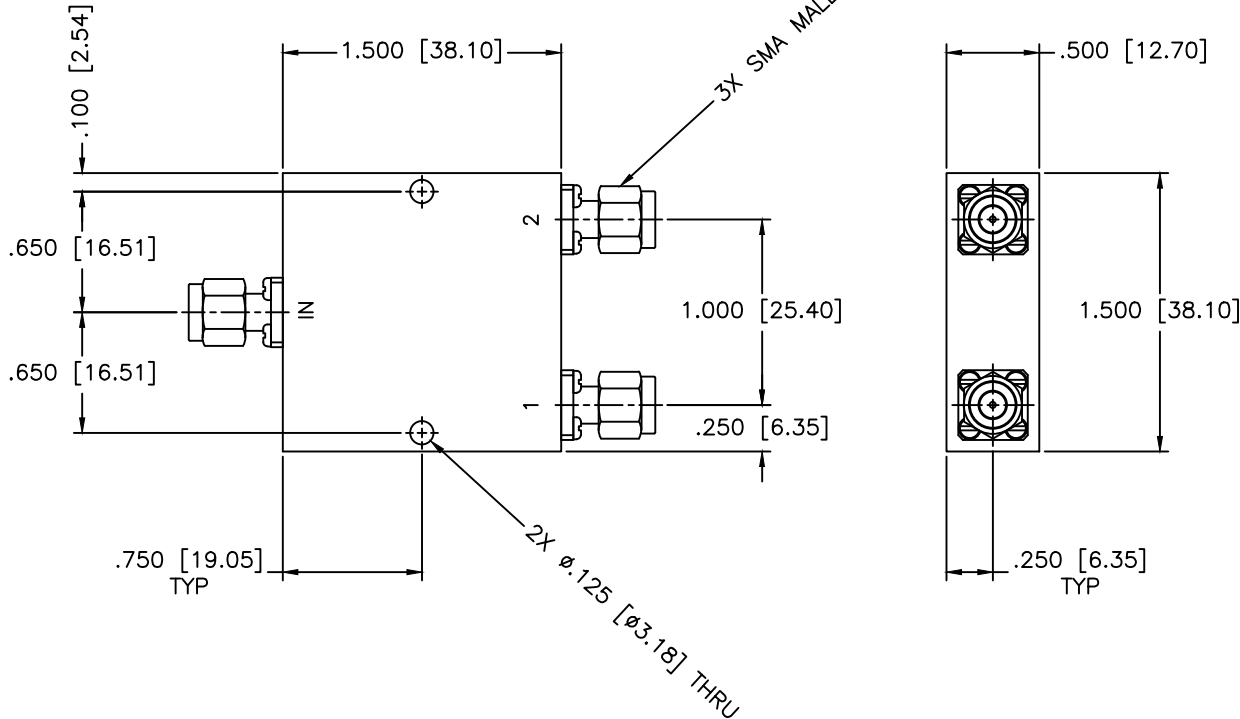


| ZONE | REV | DESCRIPTION | Date | APPROVED |
|------|-----|-------------|------|----------|
|------|-----|-------------|------|----------|



## SPECIFICATIONS

Frequency Range: 0.8–3.0 GHz  
Insertion Loss: 0.6dB Max.  
Isolation: 20dB Min.  
VSWR IN/OUT: 1.30:1/1.25:1 Max.  
Amplitude Balance:  $\pm 0.2$ dB Max.  
Power: 30W (Load vswr@1.2)  
Phase Balance:  $\pm 3$  Deg. Max.

|                                                                                                                                                                                                                    |  |                                                                                                                                                                                            |  |                                                                                                  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------|--|
| <div>MATERIAL:</div>                                                                                                                                                                                               |  | <div>MCLI</div> <div>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</div> |  | SCALE: N/A                                                                                       |  |
|                                                                                                                                                                                                                    |  | <div>UNLESS OTHERWISE SPECIFIED:<br/>TOLERANCES<br/>IN (INCHES) OR [mm] (MILLIMETERS)<br/>FRACTIONS: ± 1/64<br/>DECIMALS: ±.01 ±.005<br/>ANGLE: ±1/2°</div>                                |  | SHEET: N/A                                                                                       |  |
|                                                                                                                                                                                                                    |  |                                                                                                                                                                                            |  |                                                                                                  |  |
|                                                                                                                                                                                                                    |  | <div>DRAWN:</div> <div>Paiboon Luekhamhan</div> <div>DATE:</div> <div>10-28-2008</div>                                                                                                     |  | <div>DRAWING TITLE:</div> <div>2-WAY POWER DIVIDER</div>                                         |  |
|                                                                                                                                                                                                                    |  |                                                                                                                                                                                            |  |                                                                                                  |  |
| <div>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)</div> |  |                                                                                                                                                                                            |  | <div>PART NO.</div> <div>PS2-155/SM</div>                                                        |  |
|                                                                                                                                                                                                                    |  |                                                                                                                                                                                            |  |                                                                                                  |  |
| <div>APPROVED:</div> <div>T. Nguyen</div> <div>DATE:</div> <div>10-28-2008</div>                                                                                                                                   |  | <div>CAGE CODE:</div> <div>OD2L5</div>                                                                                                                                                     |  | <div>SIZE:</div> <div>A</div> <div>REV:</div> <div>N/A</div> <div>DWG NO.</div> <div>83969</div> |  |
|                                                                                                                                                                                                                    |  | <div>THIRD ANGLE PROJECTION</div> <div></div>                                                         |  | <div>DO NOT SCALE THE DRAWING</div>                                                              |  |