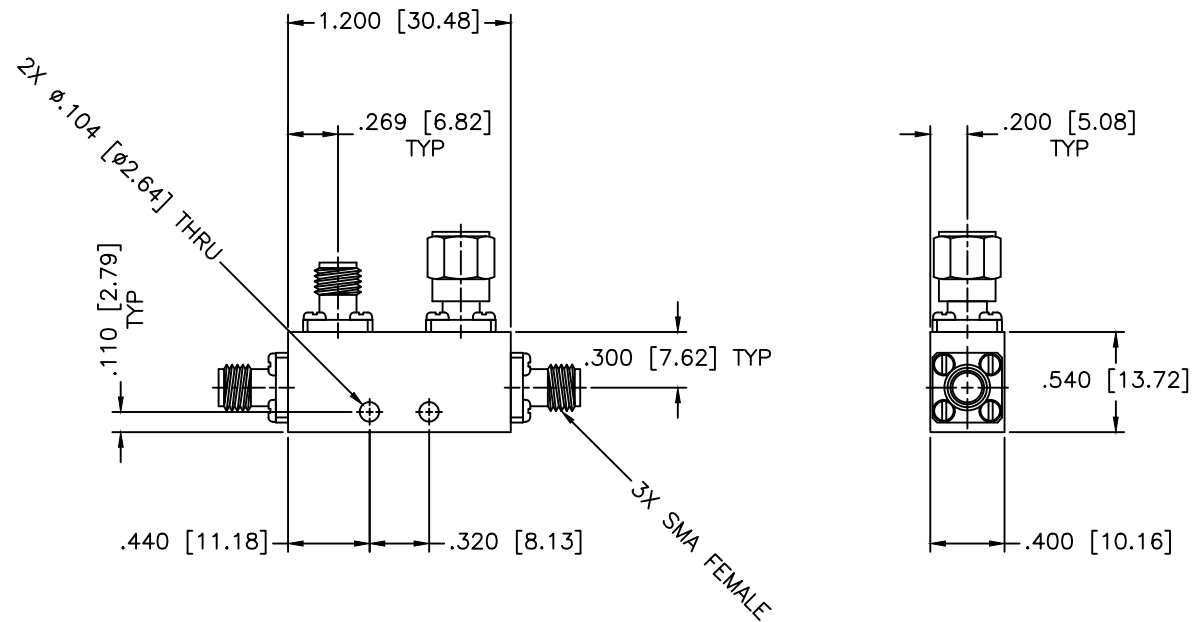


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | DATE | APPROVED |



#### SPECIFICATIONS

Frequency Range: 2–4 GHz  
Coupling: 20±1.25dB  
Frequency Sensitivity: ±0.75dB  
Insertion Loss: 0.2dB Max.  
Directivity: 22dB Min.  
VSWR: 1.15:1 Max.  
Power Incident, Reflected: 50W, 50W, 3kW Peak

|                                                                                                                                             |  |                                                                                                                                                                          |  |                          |
|---------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------|
| 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>http://WWW.MCLI.COM |  | SCALE: N/A               |
| UNLESS OTHERWISE SPECIFIED:<br>TOLERANCES<br>IN (INCHES) OR [mm] (MILLIMETERS)<br>FRACTIONS: ± 1/64<br>DECIMALS: ±.01 ±.005<br>ANGLE: ±1/2° |  | DRAWING TITLE:<br><b>DIRECTIONAL COUPLER</b>                                                                                                                             |  | SHEET: N/A               |
| DRAWN: Paboon Luethamhan                                                                                                                    |  | DATE: 09-12-2011                                                                                                                                                         |  | PART NO.<br><b>C3-20</b> |
| APPROVED: T. Nguyen                                                                                                                         |  | DATE: 09-12-2011                                                                                                                                                         |  | CAGE CODE: OD2L5         |
| THIRD ANGLE PROJECTION                                                                                                                      |  | SIZE: A                                                                                                                                                                  |  | REV: A                   |
|                                                                                                                                             |  | DO NOT SCALE THE DRAWING                                                                                                                                                 |  | DWG NO.<br><b>80396</b>  |