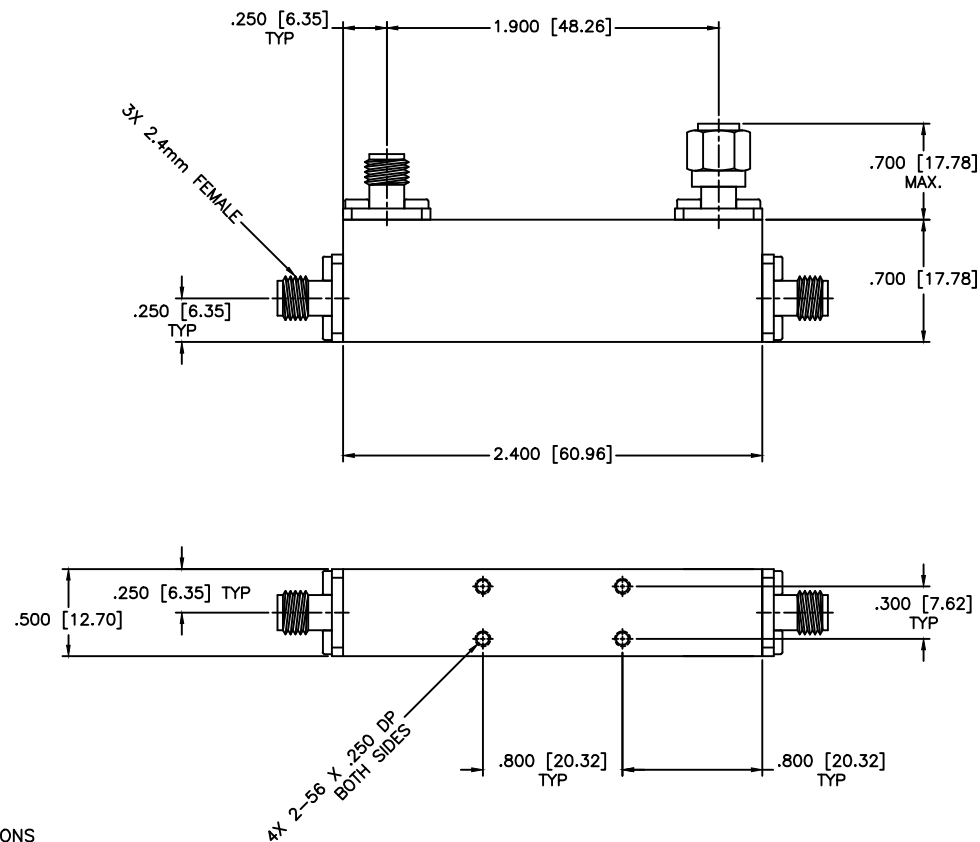


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | Date | APPROVED |



#### SPECIFICATIONS

Frequency Range: 2–50 GHz  
 VSWR: 1.80:1 Max.  
 Coupling: 10±0.8dB  
 Insertion Loss: 2.00dB Max.  
 Directivity: 10dB Min.  
 Frequency Sensitivity: ±0.80dB  
 Power Rating: 16W Avg, 3kW Peak  
 Operating Temperature: –32°C to +85°C

|                                                                                                                                             |  |                                                                                                                                                                                                            |  |               |  |
|---------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------|--|
| 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><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: ± 1/64<br>DECIMALS: ±.01 ±.005<br>ANGLE: ±1/2° |  | DRAWING TITLE: DIRECTIONAL COUPLER                                                                                                                                                                         |  |               |  |
|                                                                                                                                             |  | PART NO. CB127-10                                                                                                                                                                                          |  |               |  |
| DRAWN: Paiboon Luekhamhan<br>DATE: 02-21-2012                                                                                               |  | CAGE CODE: OD2L5<br>SIZE: N/A<br>REV: N/A<br>DO NOT SCALE THE DRAWING                                                                                                                                      |  | DWG NO. 86001 |  |
| APPROVED: T. Nguyen<br>DATE: 02-21-2012                                                                                                     |  | THIRD ANGLE PROJECTION                                                                                                                                                                                     |  |               |  |