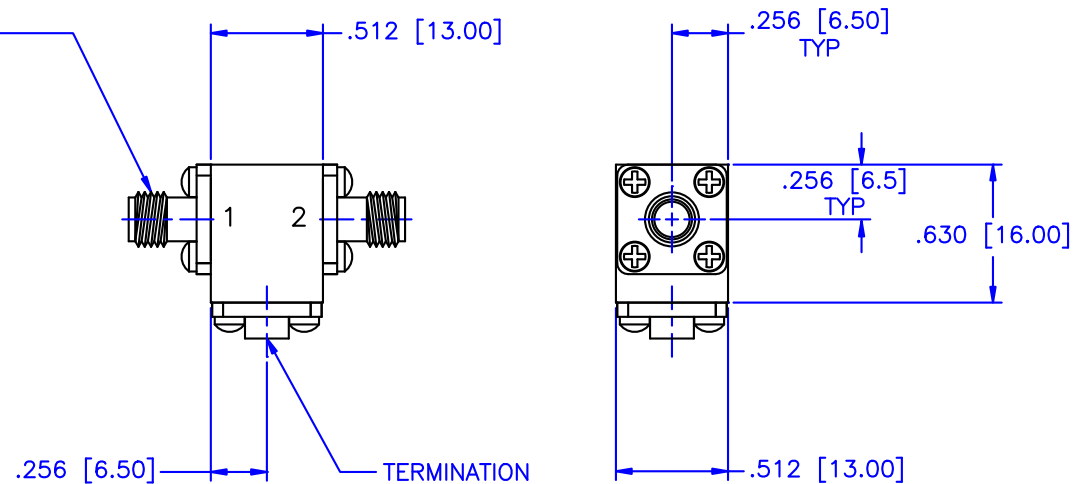


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | Date | APPROVED |

2X TYPE SMA FEMALE  
PER MIL-C-39012



#### SPECIFICATIONS:

Frequency Range: 20–21.5 GHz

Isolation: 25dB Min.

Insertion loss: 0.50dB Max.

VSWR: 1.15:1 Max.

Operating Temperature: –54°C to +85°C

Circulator Power:

Average: 25 Watts

Peak: 250 Watts

|                                                                                                                                                                                                     |  |                                                                                                                                                                                                |  |                  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------|--|
| MATERIAL:                                                                                                                                                                                           |  | 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 ISOLATOR                                                                                                                                                                |  |                  |  |
|                                                                                                                                                                                                     |  | PART NO. IS-92                                                                                                                                                                                 |  |                  |  |
| DRAWN: Paiboon Luekhamhan                                                                                                                                                                           |  | DATE: 03-17-2009                                                                                                                                                                               |  | CAGE CODE: 0D2L5 |  |
| APPROVED: T. Nguyen                                                                                                                                                                                 |  | DATE: 03-17-2009                                                                                                                                                                               |  | SIZE: N/A        |  |
| 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) |  | THIRD ANGLE PROJECTION<br>                                                                                                                                                                     |  | REV: N/A         |  |
|                                                                                                                                                                                                     |  |                                                                                                                                                                                                |  | DWG. NO. 84313   |  |
| DO NOT SCALE THE DRAWING                                                                                                                                                                            |  |                                                                                                                                                                                                |  |                  |  |