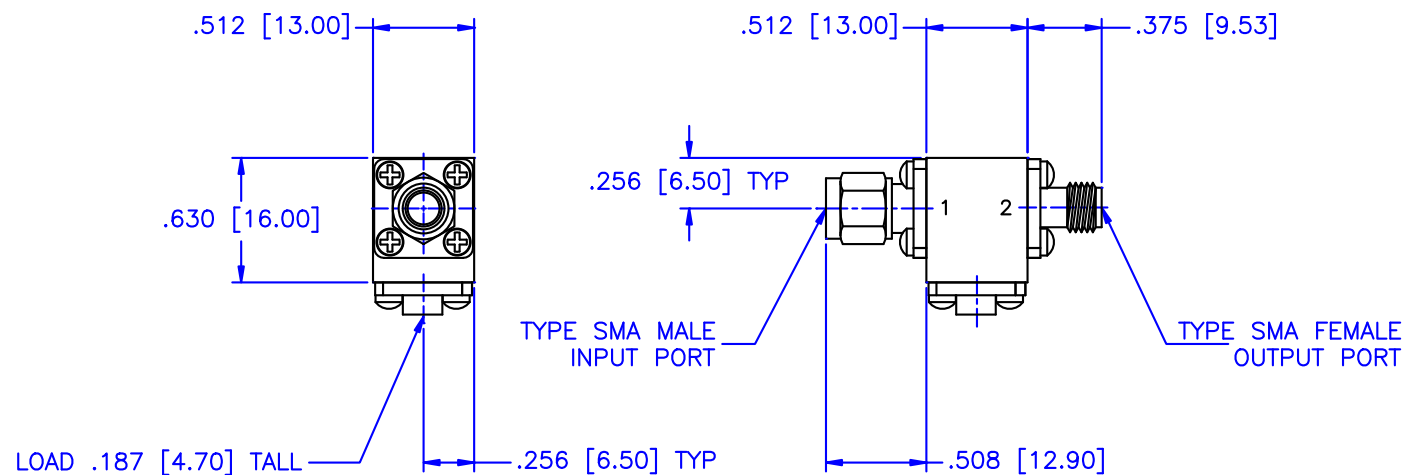


| ELECTRICAL SPECIFICATION              |                          |        |
|---------------------------------------|--------------------------|--------|
| FREQUENCY RANGE:<br>12.40 to 18.0 GHz | INSERTION LOSS (dB MAX.) | 0.60   |
|                                       | ISOLATION (dB MIN.)      | 19     |
|                                       | VSWR (MAX.)              | 1.30:1 |

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



|                                                                                                                                                                     |  |                    |  |                                                                                                                                                              |  |            |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------|--|
| MATERIAL:                                                                                                                                                           |  |                    |  | 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 |  |
|                                                                                                                                                                     |  |                    |  | DRAWING TITLE: COAXIAL ISOLATOR                                                                                                                              |  | SHEET: N/A |  |
| UNLESS OTHERWISE SPECIFIED:<br>TOLERANCES<br>IN (INCHES) OR [mm] (MILLIMETERS)<br>FRACTIONS: $\pm 1/64$<br>DECIMALS: $\pm 0.02 \pm 0.010$<br>ANGLE: $\pm 1/2^\circ$ |  | PART NO. IS-34/SMI |  | CAGE CODE: 0D2L5    SIZE: A    REV: A    DWG NO. 83854                                                                                                       |  |            |  |
|                                                                                                                                                                     |  |                    |  |                                                                                                                                                              |  |            |  |
| DRAWN: Paiboon Luekhamhan<br>DATE: 08-21-2008                                                                                                                       |  | DATE: 08-21-2008   |  | THIRD ANGLE PROJECTION                                                                                                                                       |  |            |  |
| APPROVED: T. Nguyen                                                                                                                                                 |  | DATE: 08-21-2008   |  | DO NOT SCALE THE DRAWING                                                                                                                                     |  |            |  |