



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

| MODEL NUMBERS | FREQUENCY RANGE (MHz) | INSERTION LOSS (dB Max.) | REVERSE ISOLATOR (dB Min.) | VSWR Max. | FWD/REV POWER (Watts) | TEMPERATURE RANGE (Deg. C) |
|---------------|-----------------------|--------------------------|----------------------------|-----------|-----------------------|----------------------------|
| ISL-1         | 19.7-20.3             | 1.3                      | 17                         | 1.35:1    | 30/10                 | 0 to +60                   |
| ISL-2         | 24.7-25.3             | 1.3                      | 17                         | 1.35:1    | 30/10                 | 0 to +60                   |
| ISL-3         | 29.5-30.5             | 1.0                      | 18                         | 1.35:1    | 30/10                 | 0 to +60                   |
| ISL-4         | 39-41                 | 1.0                      | 18                         | 1.35:1    | 30/10                 | 0 to +60                   |

|  |                                      |  |                       |  |                |          |                                 |
|--|--------------------------------------|--|-----------------------|--|----------------|----------|---------------------------------|
| MATERIAL:  | DRAWING:                             | DATE:  |                       | MICROWAVE COMMUNICATIONS LABORATORIES INC.<br>7250 30TH AVE. N. SAINT PETERSBURG, FL 33710<br>TEL: (727) 544-6254 FAX: (727) 381-6110<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: ± .02 ± .015<br>ANGLE: ± 1/2°               | DRAWING TITLE: |          | LUMPED ELEMENT COAXIAL ISOLATOR |
| DRAWING: Paiboon Luekhamhan<br>APPROVED: T. Nguyen | DATE: 08-02-2011<br>DATE: 08-02-2011 | PART NO.: ISL-1 to ISL-4<br>CAGE CODE: OD2L5 | SIZE: N/A<br>REV: N/A | DO NOT SCALE THE DRAWING   |                | DWG NO.: | 85793                           |