



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

| MCLJ MODEL NUMBER | FREQUENCY RANGE (MHz) | INSERTION LOSS (dB) 1-2, 3-4 | REVERSE ISOLATOR 4-3, 2-1 | VSWR Max. | POWER FWD/REV (W) | TEMPERATURE RANGE (Deg. C) |
|-------------------|-----------------------|------------------------------|---------------------------|-----------|-------------------|----------------------------|
| CSJ-1 | 66-77 | 1.6 Max. | 36dB Min. | 1.30:1 | 50/10 | -10 to +60 |
| CSJ-2 | 70-85 | 1.6 Max. | 36dB Min. | 1.30:1 | 50/10 | -10 to +60 |
| CSJ-3 | 77-88 | 1.6 Max. | 36dB Min. | 1.30:1 | 50/10 | -10 to +60 |
| CSJ-4 | 140-175 | 1.2 Max. | 40dB Min. | 1.20:1 | 50/10 | -10 to +60 |
| CSJ-5 | 150-175 | 1.2 Max. | 40dB Min. | 1.20:1 | 50/10 | -10 to +60 |
| CSJ-6 | 153-169 | 1.2 Max. | 40dB Min. | 1.20:1 | 50/10 | -10 to +60 |
| CSJ-7 | 212-252 | 1.2 Max. | 40dB Min. | 1.20:1 | 50/10 | -10 to +60 |

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| MATERIAL: | MCLI MICROWAVE COMMUNICATIONS LABORATORIES INC. 7250 30TH AVE. N. SAINT PETERSBURG, FL 33710 TEL: (727) 544-6254 FAX: (727) 381-6116 http://www.mcli.com | SCALE: | N/A |
| | | SHEET: | N/A |
| UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR (mm) (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ± .02 ± .015 ANGLE: ± 1/2° | | DRAWING TITLE: LUMPED ELEMENT DUAL JUNCTION COAXIAL CIRCULATOR | |
| DRAWING: Paiboon Luengkhamhan | | PART NO.: CSJ-1/NF to CSJ-7/NF | |
| DATE: 08-08-2011 | | CAGE CODE: OD2L5 | |
| APPROVED: T. Nguyen | | SIZE: N/A | |
| DATE: 08-08-2011 | | REV: N/A | |
| | | DO NOT SCALE THE DRAWING | |
| | | DWG NO.: 85811 | |