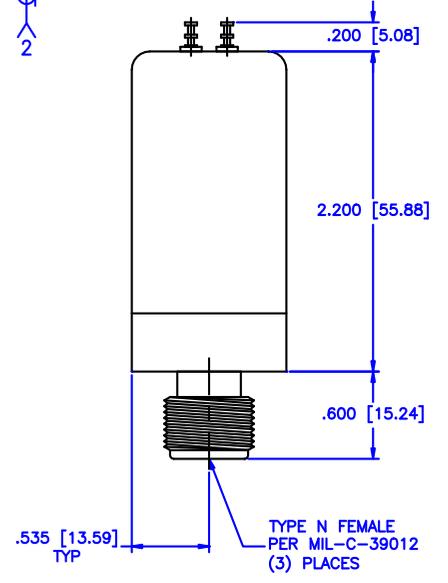
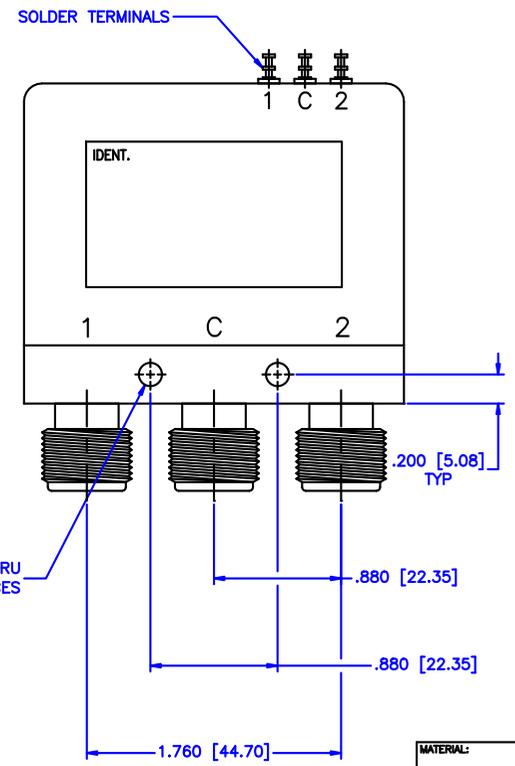
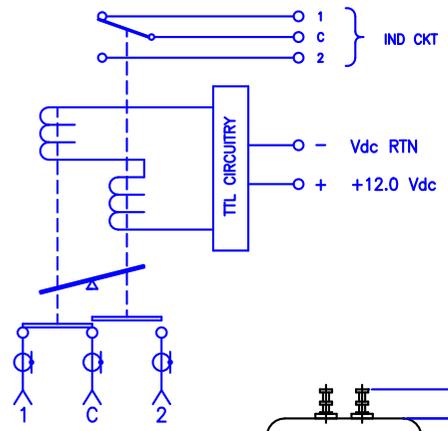
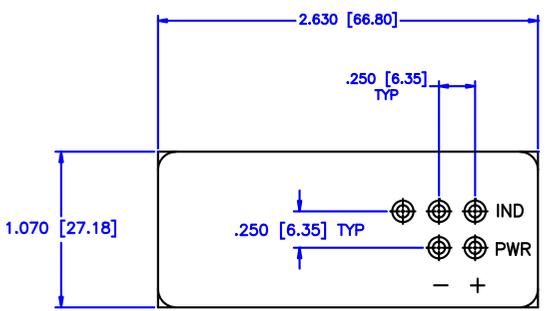


| REVISIONS |     |             |      |          |
|-----------|-----|-------------|------|----------|
| ZONE      | REV | DESCRIPTION | DATE | APPROVED |
|           |     |             |      |          |

**SPECIFICATION:**  
 FREQUENCY RANGE (GHz): DC-3.0  
 VSWR (Max.): 1.20:1  
 INSERTION LOSS (dB): 0.20  
 ISOLATION (dB): 90  
 IMPEDANCE (Ohms): 50



**MECHANICAL**  
 CONTACT: BREAK BEFORE MAKE  
 ACTUATOR: FAILSAFE  
 SWITCHING SPEED: 20 mSEC MAX

**ELECTRICAL**  
 ACTUATOR VOLTAGE: 12.0 Vdc (±3 Vdc)  
 ACTUATOR CURRENT: 250 mA MAX  
 POWER HANDLING: 350W CW @ 1.0 GHz

**ENVIRONMENTAL**  
 OPERATING TEMP: -54°C TO +90°C  
 SINE VIBRATION: 30G'S rms  
 LIFE: 1,000,000 CYCLES  
 RANDOM VIBRATION: 20G'S rms

|                           |  |   |   |
|---------------------------|--|---|---|
| MATERIAL:                 |  | <b>MICROWAVE COMMUNICATIONS LABORATORIES INC.</b><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  |
| DRAWN: Paiboon Luekhamhan |  |   | SHEET: N/A  |
| DATE: 09-15-2011          |  | 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:<br><b>ELECTROMECHANICAL SWITCHES</b> |
| APPROVED: T. Nguyen       |  |   | DATE: 09-15-2011                                    |
| THIRD ANGLE PROJECTION    |  | CAGE CODE: OD2L5  | SIZE: N/A REV: N/A DWG NO.: 85888                   |
|                           |  |   | DO NOT SCALE THE DRAWING                            |