

4

3

2

1

MECHANICAL

CONTACT: BREAK BEFORE MAKE  
ACTUATOR: LATCHING  
SWITCHING SPEED: 20 mSEC MAX

ELECTRICAL

ACTUATOR VOLTAGE: 12.0±3.0 Vdc  
ACTUATOR CURRENT: 0.250 A MAX @ 12.0 Vdc  
POWER HANDLING: 350W CW @ 1.0 GHz

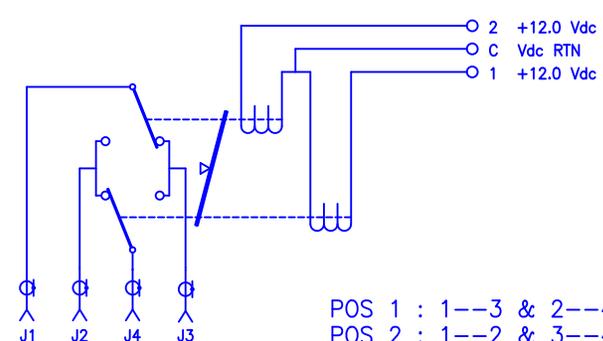
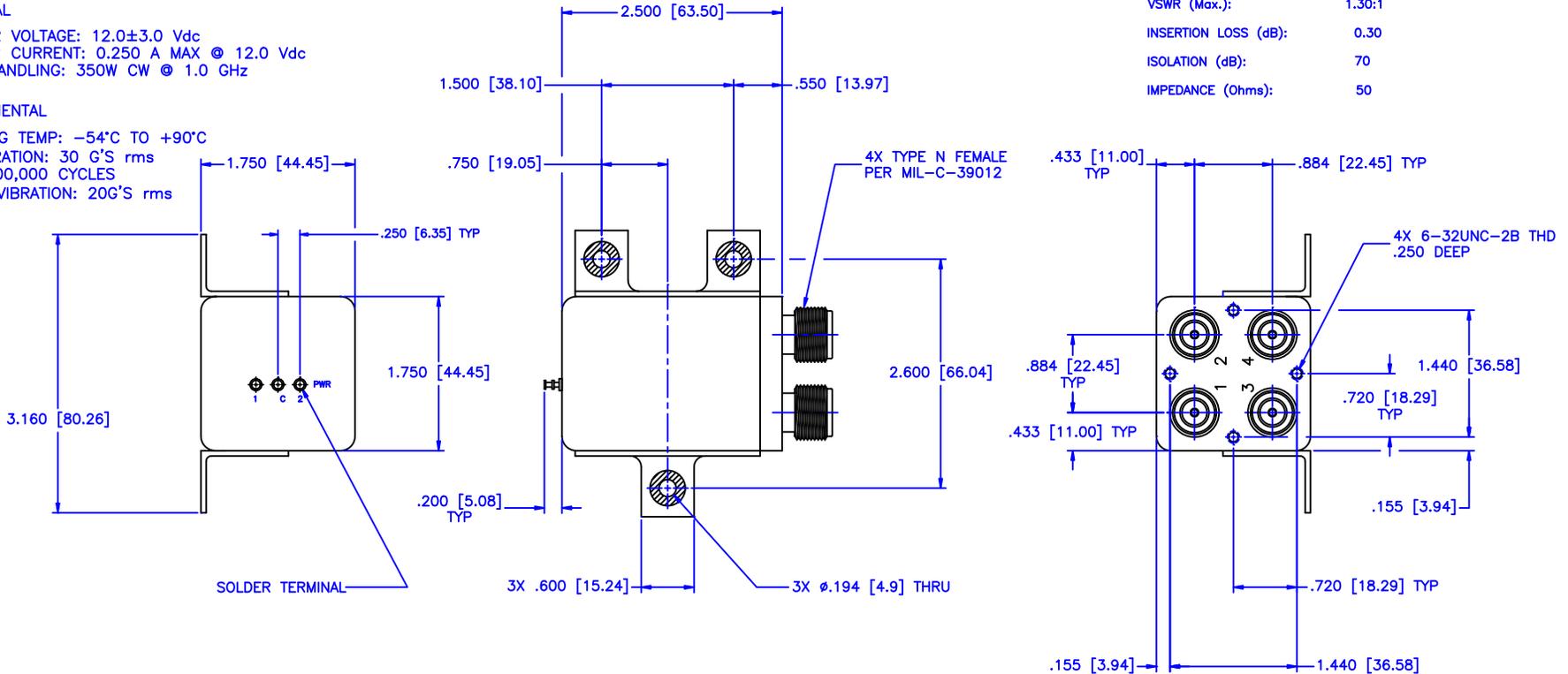
ENVIRONMENTAL

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

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

SPECIFICATION:

FREQUENCY RANGE (GHz): DC-4.0  
 VSWR (Max.): 1.30:1  
 INSERTION LOSS (dB): 0.30  
 ISOLATION (dB): 70  
 IMPEDANCE (Ohms): 50



|   |  |                     |  |                              |   |
|---|--|---------------------|--|------------------------------|---|
| 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                              |
| 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>  |                              | SHEET: N/A                              |
| DRAWN:<br>Paiboon Luexhaman   |  | DATE:<br>02-18-2009 |  | PART NO.<br><b>C2-3-L/12</b> |   |
| APPROVED:<br>T. Nguyen  |  | DATE:<br>02-18-2009 |  | CAGE CODE:<br>OD2L5          | SIZE: C<br>REV: N/A<br>DWG NO.<br>84165 |
| THIRD ANGLE PROJECTION  |  |                     |  | DO NOT SCALE THE DRAWING     |   |

4

3

2

1