

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

MECHANICAL

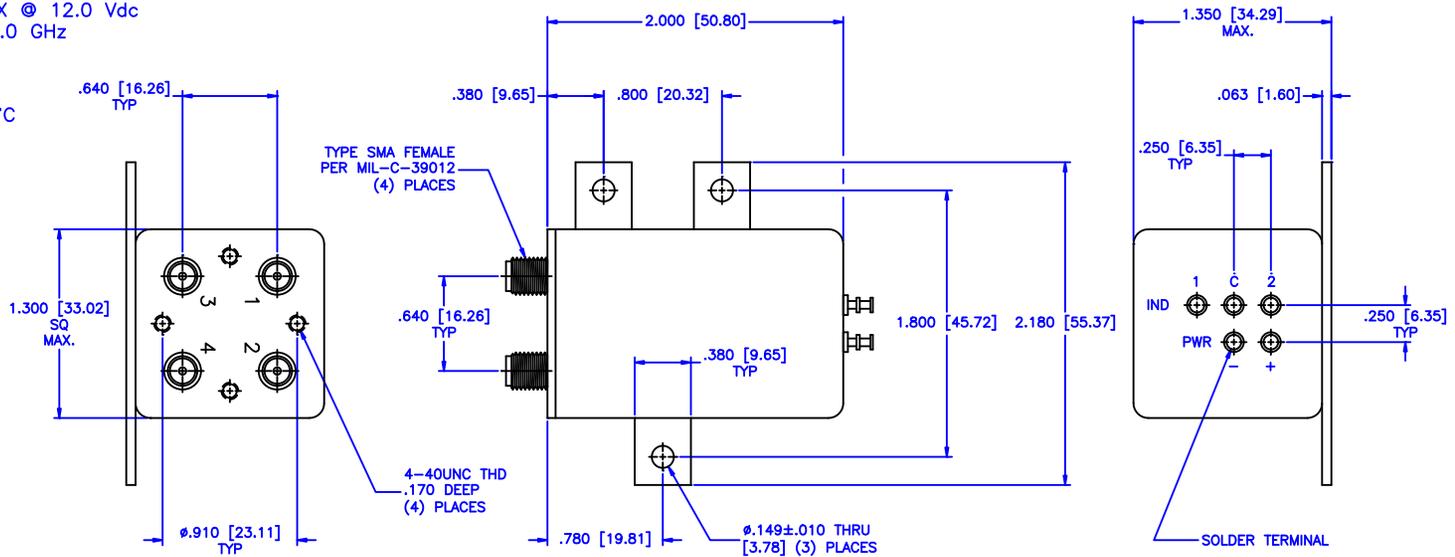
CONTACT: BREAK BEFORE MAKE
 ACTUATOR: FAILSAFE
 SWITCHING SPEED: 20 mSEC MAX

ELECTRICAL

ACTUATOR VOLTAGE: 12.0±3.0 Vdc
 ACTUATOR CURRENT: 0.200 A MAX @ 12.0 Vdc
 POWER HANDLING: 200W CW @ 1.0 GHz

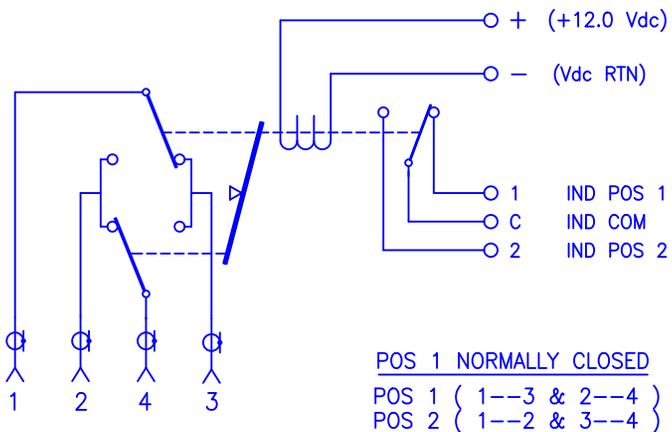
ENVIRONMENTAL

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



SPECIFICATION:

| FREQUENCY RANGE (GHz): | DC-2.0 | 2.0-4.0 | 4.0-8.0 | 8.0-12.4 | 12.4-18.0 |
|------------------------|--------|---------|---------|----------|-----------|
| VSWR (Max.): | 1.20:1 | 1.25:1 | 1.30:1 | 1.40:1 | 1.50:1 |
| INSERTION LOSS (dB): | 0.20 | 0.25 | 0.30 | 0.40 | 0.50 |
| ISOLATION (dB): | 90 | 80 | 80 | 70 | 60 |
| IMPEDANCE (Ohms): | 50 | | | | |



POS 1 NORMALLY CLOSED
 POS 1 (1--3 & 2--4)
 POS 2 (1--2 & 3--4)

| | | | | | |
|---|--|---------------------|--|-------------------------------|---|
| MATERIAL: | | | MICROWAVE COMMUNICATIONS LABORATORIES INC. 7255 30TH AVE. N. SAINT PETERSBURG, FL 33710 TEL: (727) 344-6254 FAX: (727) 381-6116 http://WWW.MCLI.COM | | SCALE: N/A |
| UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.01 ±.005 ANGLE: ±1/2° | | | DRAWING TITLE: ELECTROMECHANICAL SWITCHES | | SHEET: N/A |
| DRAWN: Paiboon Luekhamhan | | DATE: 03-31-2001 | | PART NO. C1-7-FI/12 | |
| APPROVED: T. Nguyen | | DATE: 03-31-2001 | | CAGE CODE: OD2L5 | SIZE: N/A REV: N/A DWG NO. 81621 |
| THIRD ANGLE PROJECTION | | | | DO NOT SCALE THE DRAWING | |