

MECHANICAL

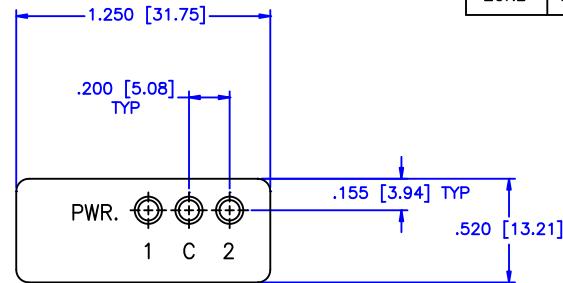
CONTACT: BREAK BEFORE MAKE
ACTUATOR: LATCHING
SWITCHING SPEED: 20 mSEC MAX

ELECTRICAL

ACTUATOR VOLTAGE: 12.0 Vdc
ACTUATOR CURRENT: 0.100 A MAX @ 28.0 Vdc
POWER HANDLING: 200W CW @ 1.0 GHz

ENVIRONMENTAL

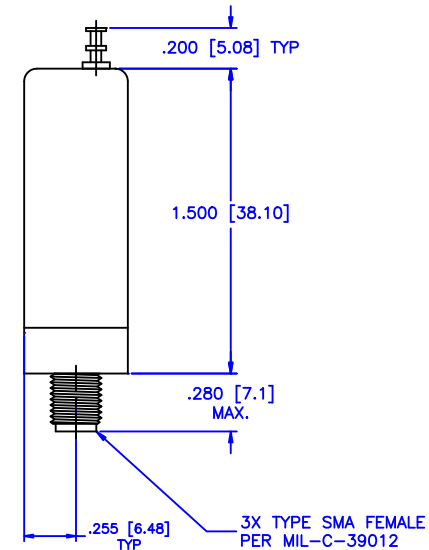
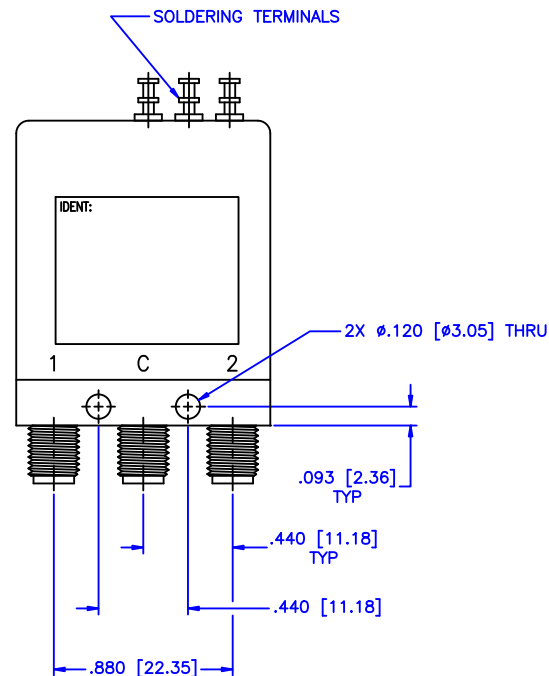
OPERATING TEMP: -54° C TO +90° C
SINE VIBRATION: 30 G'S rms
LIFE: 1,000,000 CYCLES
RANDOM VIBRATION: 20 G'S rms



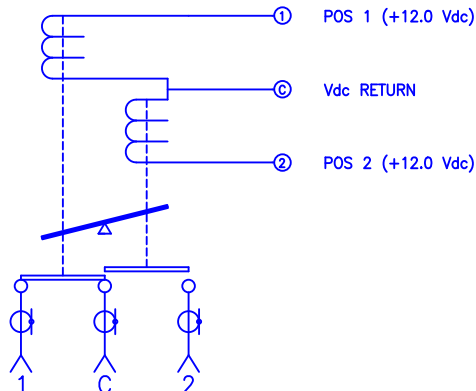
| REVISIONS | | | | |
|-----------|-----|-------------|------|----------|
| ZONE | REV | DESCRIPTION | Date | APPROVED |

SPECIFICATION:

| FREQUENCY RANGE (GHz): | DC-2.0 | 2.0-4.0 | 4.0-8.0 | 8.0-12.4 | 12.4-18.0 | 18.0-26.5 |
|------------------------|--------|---------|---------|----------|-----------|-----------|
| VSWR (Max.): | 1.20:1 | 1.25:1 | 1.30:1 | 1.40:1 | 1.50:1 | 1.60:1 |
| INSERTION LOSS (dB): | 0.20 | 0.25 | 0.30 | 0.40 | 0.70 | 0.070 |
| ISOLATION (dB): | 90 | 80 | 80 | 70 | 60 | 50 |
| IMPEDANCE (Ohms): | 50 | | | | | |



SCHEMATIC: LATCHING



| | | | | |
|---|--|--|--|--------------------|
| MATERIAL: | | MCLI 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: $\pm 1/64$ DECIMALS: $\pm .01 \pm .005$ ANGLE: $\pm 1/2^\circ$ | | DRAWING TITLE: ELECTROMECHANICAL SWITCHES | | |
| DRAWN: Paiboon Luekhamhan | | DATE: 03-04-2001 | | PART NO. K2-8-L/12 |
| APPROVED: T. Nguyen | | DATE: 03-04-2001 | | CAGE CODE: OD2L5 |
| THIRD ANGLE PROJECTION | | SIZE: A | | REV: N/A |
| | | DO NOT SCALE THE DRAWING | | DWG NO. 82200 |