

MECHANICAL

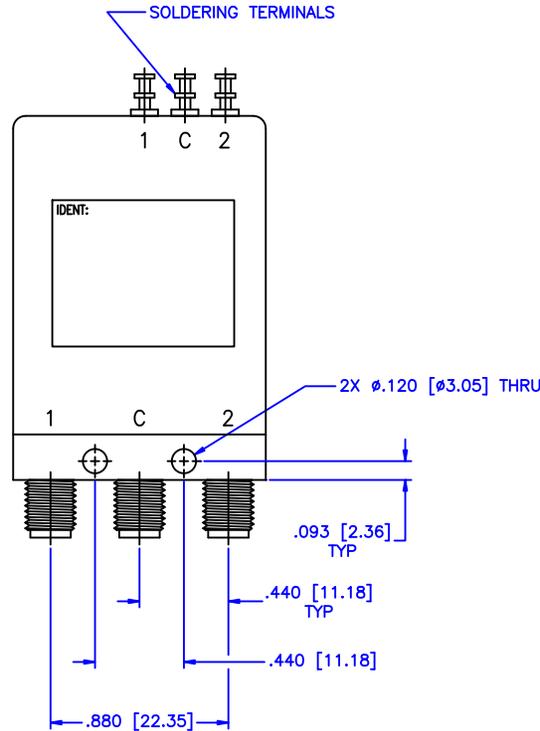
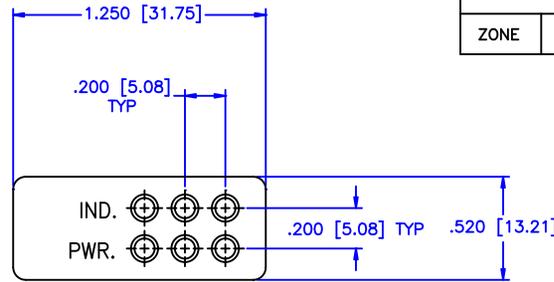
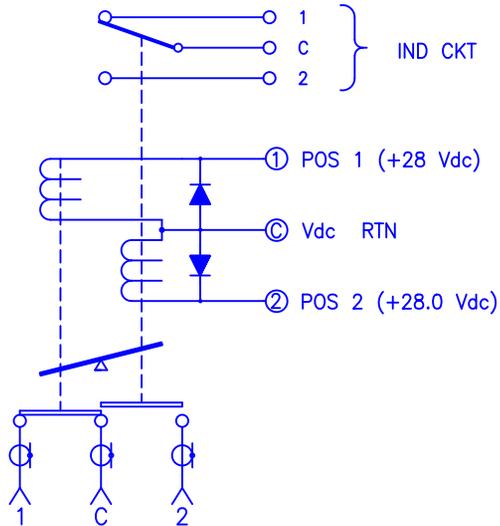
CONTACT: BREAK BEFORE MAKE
 ACTUATOR: LATCHING
 SWITCHING SPEED: 20 mSEC MAX

ELECTRICAL

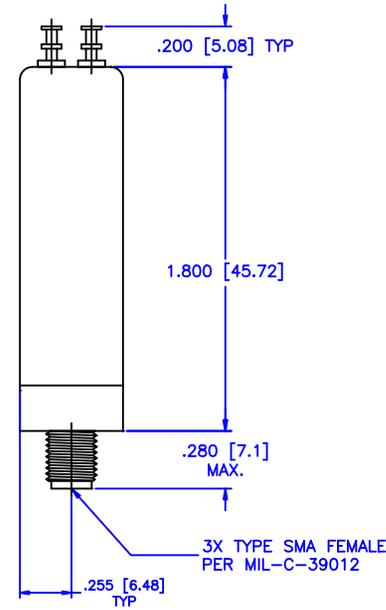
ACTUATOR VOLTAGE: 28.0 Vdc
 ACTUATOR CURRENT: 0.100 A MAX @ 28.0 Vdc
 POWER HANDLING: 200W CW @ 1.0 GHz

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 | | | | | |



| | |
|-----------|--------------------|
| MATERIAL: | |
| DRAWN: | Paiboon Luekhamhan |
| DATE: | 03-04-2001 |
| APPROVED: | T. Nguyen |
| DATE: | 03-04-2001 |

| | | |
|---|--|-------|
| 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 |
| | SHEET: | N/A |
| UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.01 ±.005 ANGLE: ±1/2° | DRAWING TITLE: ELECTROMECHANICAL SWITCHES | |
| PROPRIETARY NOTICE: THE INFORMATION IN THIS DRAWING IS PROPRIETARY AND SHALL NOT BE USED OR DISCLOSED WITHOUT WRITTEN PERMISSION FROM MICROWAVE COMMUNICATIONS LABORATORIES INC. (MCLI) | PART NO. K2-8-LIS | |
| THIRD ANGLE PROJECTION | CAGE CODE: | OD2L5 |
| | SIZE: | A |
| | REV: | N/A |
| | DWG NO.: | 81655 |
| DO NOT SCALE THE DRAWING | | |