

MECHANICAL

CONTACT: BREAK BEFORE MAKE
 ACTUATOR: FAILSAFE
 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

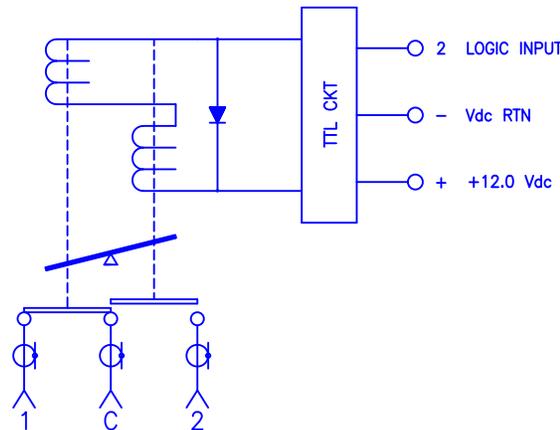
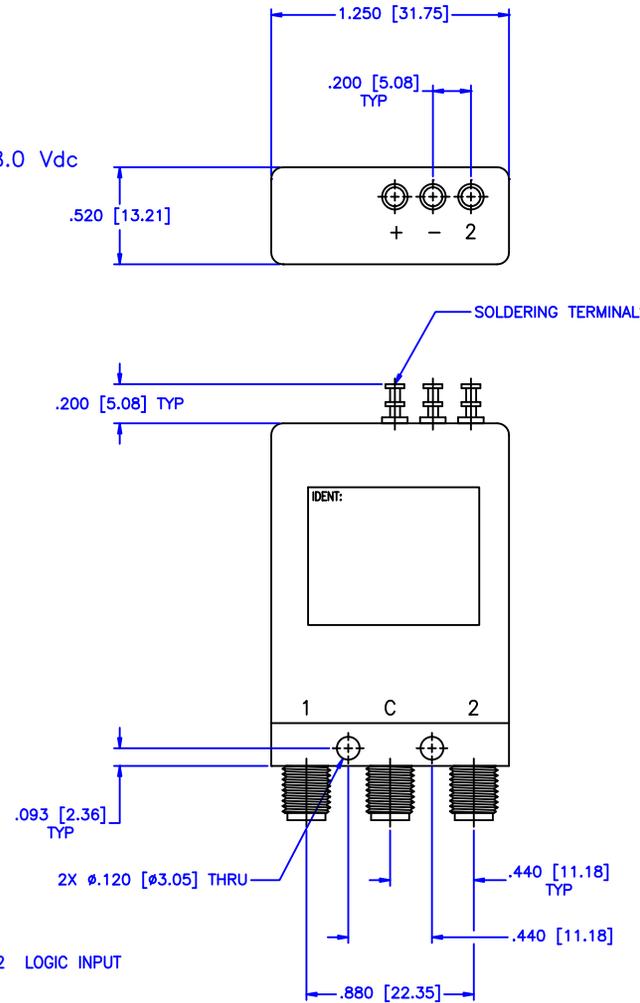
ENVIRONMENTAL

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:

| | DC-2.0 | 2.0-4.0 | 4.0-8.0 | 8.0-12.4 | 12.0-18.0 |
|------------------------|--------|---------|---------|----------|-----------|
| FREQUENCY RANGE (GHz): | DC-2.0 | 2.0-4.0 | 4.0-8.0 | 8.0-12.4 | 12.0-18.0 |
| 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 | | | | |



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|---|--|--|---|---------------|
| 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 |
| | | | SHEET: | N/A |
| DRAWN: Paiboon Luekhamhan | | DATE: 04-03-2001 | DRAWING TITLE: ELECTROMECHANICAL SWITCHES | |
| APPROVED: T. Nguyen | | DATE: 04-03-2001 | PART NO. K2-7-FSL/12 | |
| 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) | | CAGE CODE: OD2L5 | SIZE: A | REV: N/A |
| THIRD ANGLE PROJECTION | | DO NOT SCALE THE DRAWING | | DWG NO. 82837 |