

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

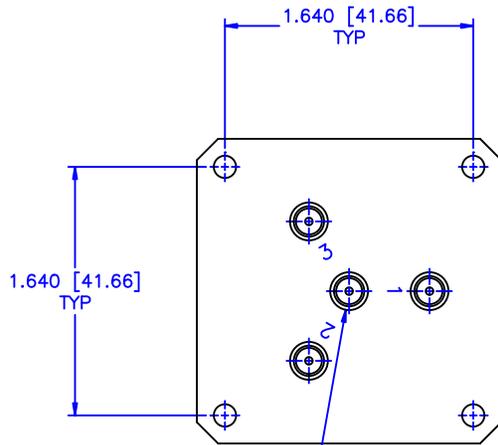
MECHANICAL
 CONTACT: BREAK BEFORE MAKE
 ACTUATOR: LATCHING
 SWITCHING SPEED: 20 mSEC MAX

ELECTRICAL
 ACTUATOR VOLTAGE: 28.0 Vdc (22.0–32.0 Vdc)
 ACTUATOR CURRENT: 0.300 A MAX @ 28.0 Vdc
 POWER HANDLING: 200 WCW @ 1.0 GHz

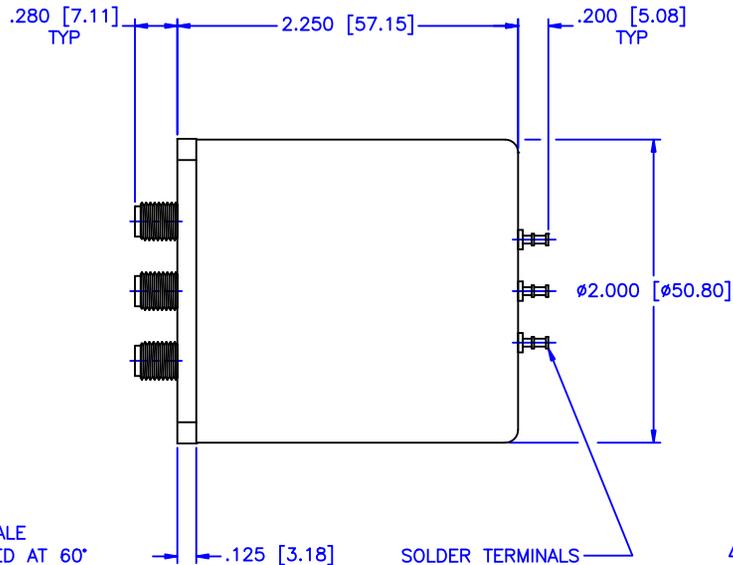
ENVIRONMENTAL
 OPERATING TEMP: -54°C to +90°C
 SINE VIBRATION: 30 G'S rms
 LIFE : 1,000,000 CYCLES
 RANDOM VIBRATION: 20 G'S rms

SPECIFICATION:

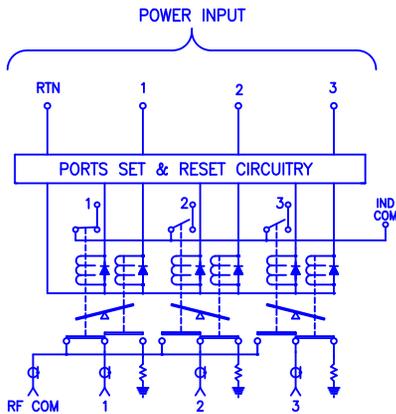
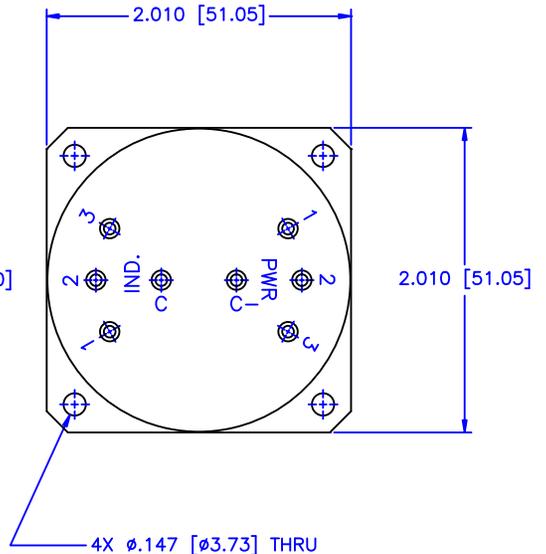
| FREQUENCY RANGE (GHz): | DC-2.0 | 2.0-4.0 | 4.0-8.0 | 8.0-12.4 | 12.4-18.0 |
|------------------------|---------|---------|---------|----------|-----------|
| VSWR (Max.): | 1.20:1 | 1.25:1 | 1.30:1 | 1.40:1 | 1.50:1 |
| INSERTION LOSS (dB): | 0.20 | 0.25 | 0.30 | 0.40 | 0.50 |
| ISOLATION (dB): |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



(4) TYPE SMA FEMALE
 (3) EQUALLY SPACED AT 60°
 ON $\phi 1.062$ [$\phi 26.97$] B.C.



SOLDER TERMINALS



| | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------------------------|
| 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: $\pm 1/64$ DECIMALS: $\pm .01 \pm .005$ ANGLE: $\pm 1/2^\circ$ | | | DRAWING TITLE: ELECTROMECHANICAL SWITCHES | | SHEET: N/A |
| DRAWN: Paiboon Luekhamhan | | DATE: 02-26-2009 | | PART NO. V3-7-LIS | |
| APPROVED: T. Nguyen | | DATE: 02-26-2009 | | CAGE CODE: OD2L5 | SIZE: N/A REV: N/A DWG NO. 84219 |
| THIRD ANGLE PROJECTION | | | | DO NOT SCALE THE DRAWING | |