

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

ELECTRICAL  
ACTUATOR VOLTAGE: 15.0±3.0 Vdc  
ACTUATOR CURRENT: 0.250 A MAX @ 15.0 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:

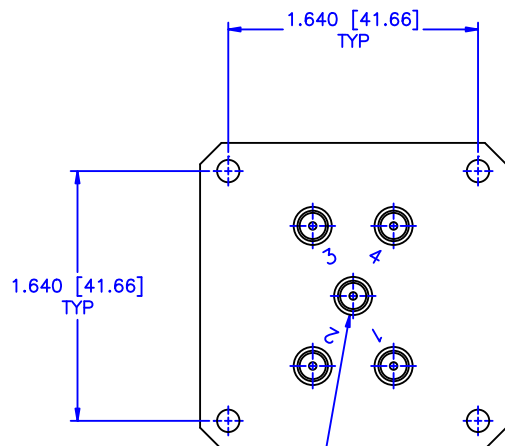
FREQUENCY RANGE (GHz): DC-2.0 2.0-4.0 4.0-6.0

VSWR (Max.): 1.20:1 1.25:1 1.30:1

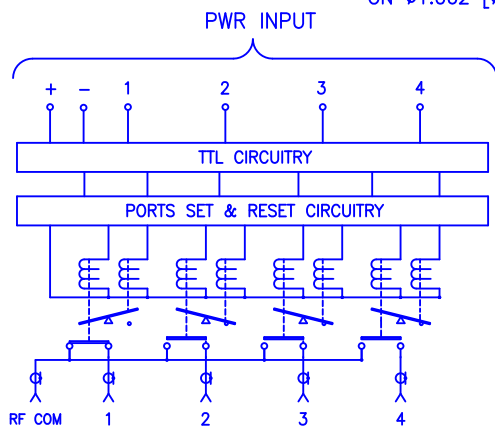
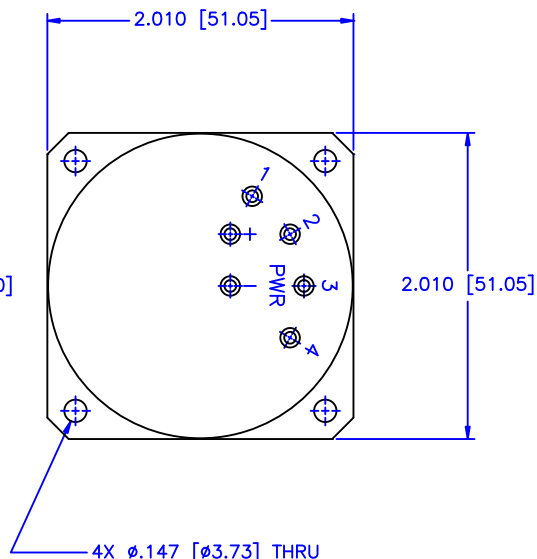
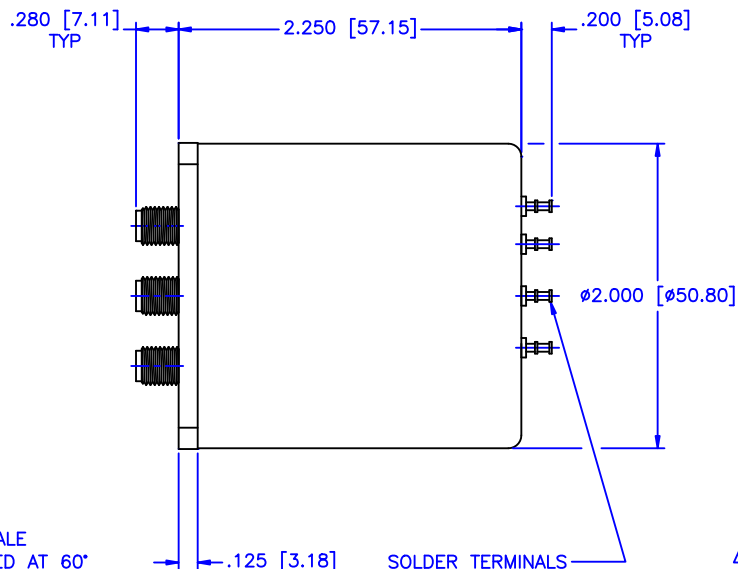
INSERTION LOSS (dB): 0.20 0.25 0.30

ISOLATION (dB): 90 80 80

IMPEDANCE: 50 OHMS



(5) TYPE SMA FEMALE  
(4) EQUALLY SPACED AT 60°  
ON Ø1.062 [Ø26.97] B.C.



|                                                                                                                                             |  |                                                                                                                                                                          |  |                                           |  |
|---------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------|--|
| MATERIAL:                                                                                                                                   |  | <b>MCLI</b> MICROWAVE COMMUNICATIONS LABORATORIES INC.<br>7255 30TH AVE. N. SAINT PETERSBURG, FL 33710<br>TEL: (727) 344-6254 FAX: (727) 381-6116<br>http://WWW.MCLI.COM |  | SCALE: N/A                                |  |
| DRAWN: Paiboon Luekhamhan                                                                                                                   |  | DATE: 04-04-2001                                                                                                                                                         |  | SHEET: N/A                                |  |
| APPROVED: T. Nguyen                                                                                                                         |  | DATE: 04-04-2001                                                                                                                                                         |  | DRAWING TITLE: ELECTROMECHANICAL SWITCHES |  |
| UNLESS OTHERWISE SPECIFIED:<br>TOLERANCES<br>IN (INCHES) OR (mm) (MILLIMETERS)<br>FRACTIONS: ± 1/64<br>DECIMALS: ±.01 ±.005<br>ANGLE: ±1/2° |  | PART NO. 04-4-LL/15                                                                                                                                                      |  | CAGE CODE: OD2L5                          |  |
| THIRD ANGLE PROJECTION                                                                                                                      |  | SIZE: N/A                                                                                                                                                                |  | REV: N/A                                  |  |
|                                                                                                                                             |  | DO NOT SCALE THE DRAWING                                                                                                                                                 |  | DWG NO. 81687                             |  |