

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

ELECTRICAL
ACTUATOR VOLTAGE: 28.0 Vdc (22.0–32.0 Vdc)
ACTUATOR CURRENT: 0.250 A MAX @ 28.0 Vdc
POWER HANDLING: 200 W 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

SPECIFICATION:

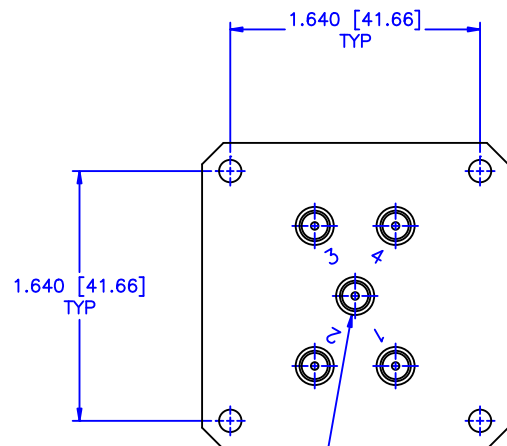
FREQUENCY RANGE (GHz): DC–2.0 2.0–4.0 4.0–8.0 8.0–12.4 12.4–18.0

VSWR (Max.): 1.20:1 1.25:1 1.30:1 1.40:1 1.50:1

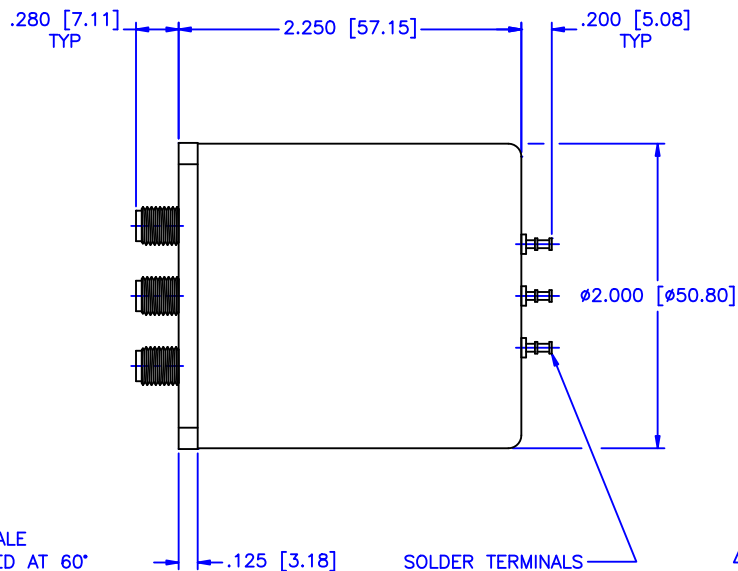
INSERTION LOSS (dB): 0.20 0.25 0.30 0.40 0.50

ISOLATION (dB): 90 80 80 70 60

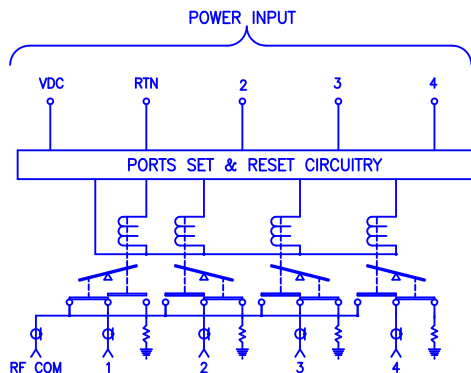
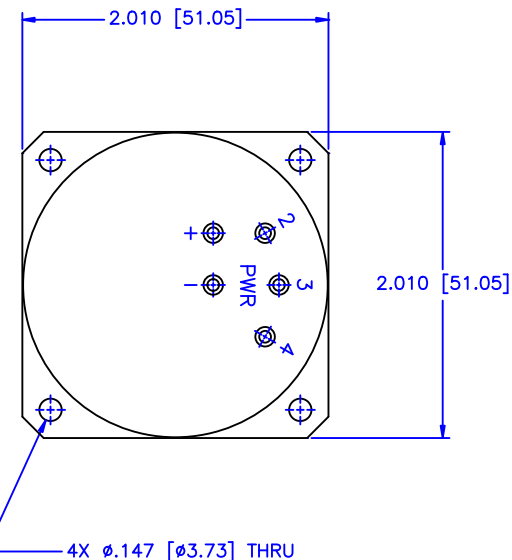
IMPEDANCE: 50 OHMS



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



SOLDER TERMINALS



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|---|--|--|--|---------------------|
| 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: ± 1/64 DECIMALS: ±.01 ±.005 ANGLE: ±1/2° | | DRAWING TITLE: ELECTROMECHANICAL SWITCHES | | SHEET: N/A |
| DRAWN: Paiboon Luekhamhan | | DATE: 02-26-2009 | | PART NO. V4-7-F |
| APPROVED: T. Nguyen | | DATE: 02-26-2009 | | CAGE CODE: OD2L5 |
| THIRD ANGLE PROJECTION | | SIZE: N/A | | REV: N/A |
| | | DO NOT SCALE THE DRAWING | | DWG NO. 84222 |