

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: 0.600 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

SPECIFICATIONS

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

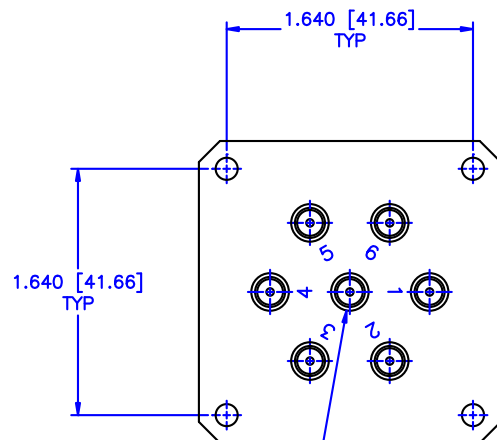
VSWR (Max.): 1.20:1 1.25:1 1.30:1 1.40:1 1.50:1

INSERTION LOSS (dB): 0.20 0.25 0.30 0.40 0.50

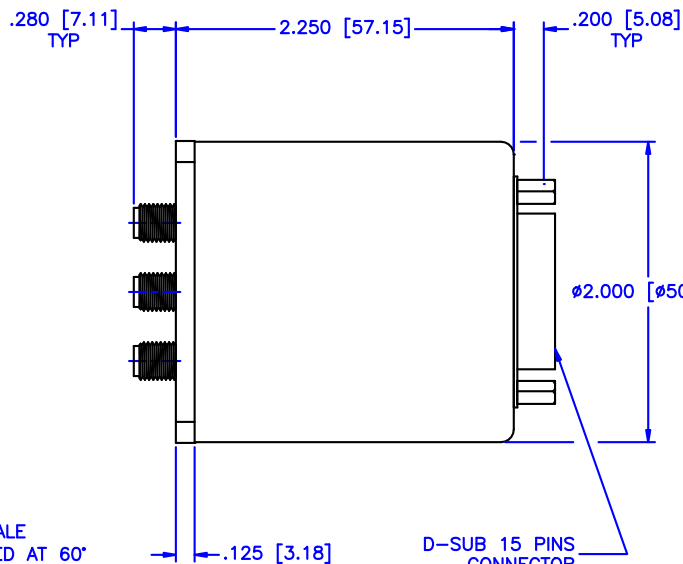
ISOLATION (dB): 90 80 80 70 60

IMPEDANCE (OHMS): 50 50 50 50 50

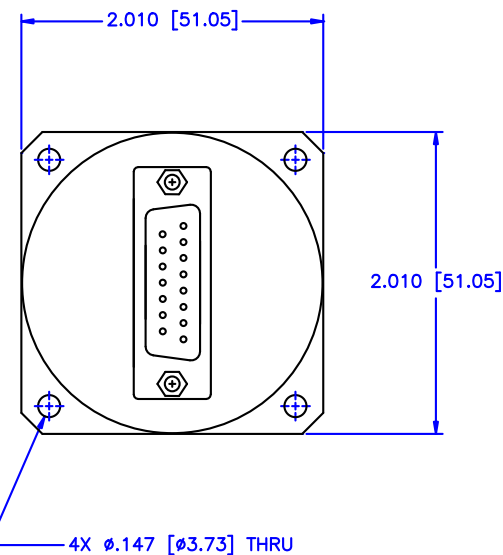
D-SUB 15 PINS CONNECTOR			
PIN	APPLICATIONS	PIN	APPLICATIONS
1	-----	9	-----
2	-----	10	-----
3	-----	11	-----
4	-----	12	-----
5	-----	13	-----
6	-----	14	-----
7	-----	15	-----
8	-----		



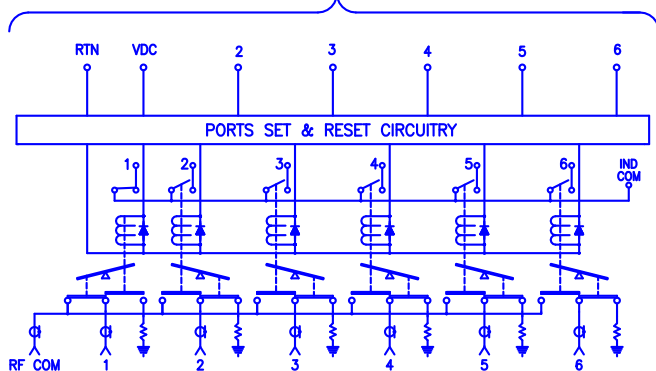
(7) TYPE SMA FEMALE
(6) EQUALLY SPACED AT 60°
ON Ø1.062 [Ø26.97] B.C.



D-SUB 15 PINS
CONNECTOR



POWER INPUT



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
SHEET: N/A

UNLESS OTHERWISE SPECIFIED:
TOLERANCES
IN (INCHES) OR [mm] (MILLIMETERS)
FRACTIONS: ± 1/64
DECIMALS: ± 0.01 ± 0.005
ANGLE: ± 1/2°

DRAWING TITLE:

ELECTROMECHANICAL SWITCHES

PART NO.

V6-7-FIS/C

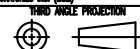
DRAWN: Paiboon Luekhamhan

DATE: 05-31-2001

APPROVED: T. Nguyen

DATE: 05-31-2001

PROPRIETARY NOTICE:
THE INFORMATION IN THIS DRAWING IS PROPRIETARY
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LABORATORIES INC. (MCLI)



CAGE CODE:

0D2L5

SIZE:

N/A

REV:

N/A

DWG NO.

81758

DO NOT SCALE THE DRAWING