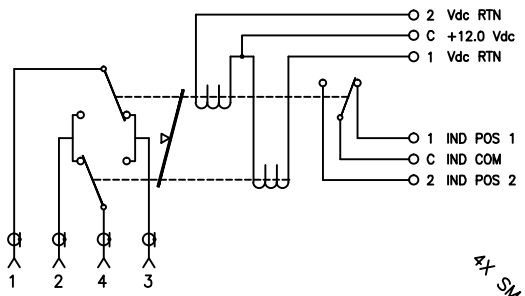
REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED

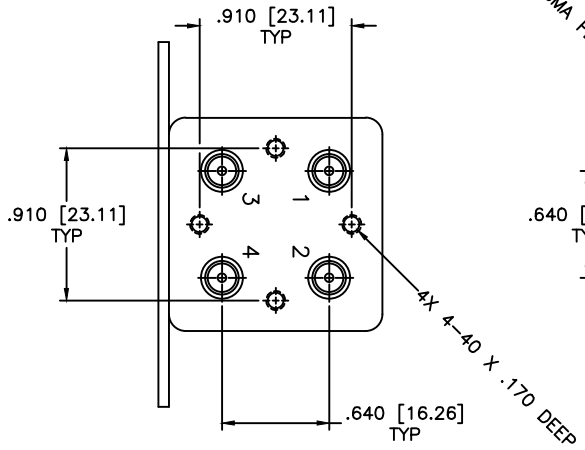
SCHEMATIC

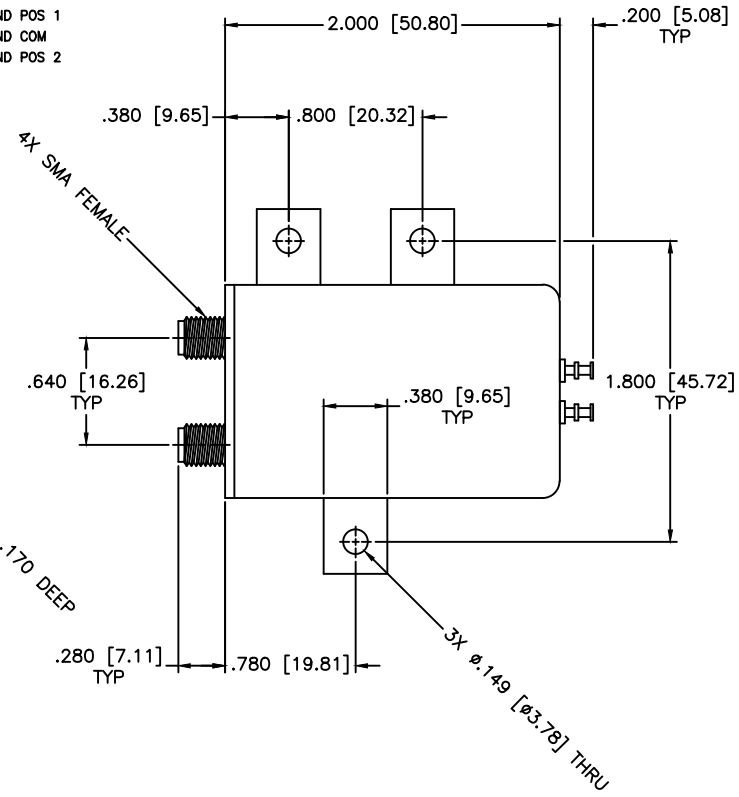
LATCHING, INDICATOR, SUPPRESSION DIODE

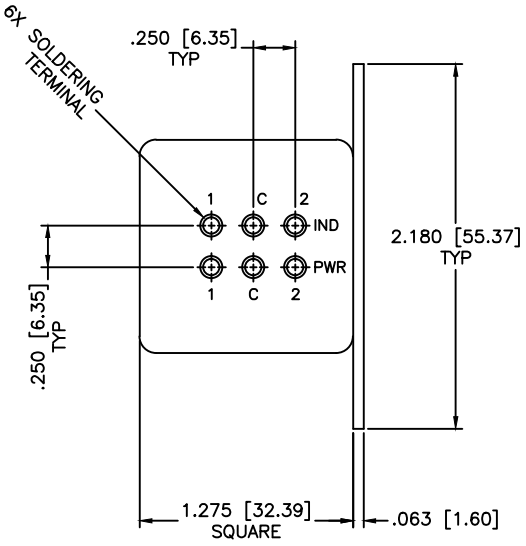


POS 1 NORMALLY CLOSED

POS 1 (1-3 & 2-4)
POS 2 (1-2 & 3-4)







SPECIFICATIONS

FREQUENCY RANGE: DC-18.0 GHz
VSWR: 1.50:1 MAX.
INSERTION LOSS: 0.50dB MAX.
ISOLATION: 60dB MIN.

MECHANICAL

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

ELECTRICAL

ACTUATOR VOLTAGE: 12.0±3.0 Vdc
ACTUATOR CURRENT: 200mA MAX @ 12.0 Vdc
POWER HANDLING: 200W CW @ 1.0GHz
IMPEDANCE: 50 Ohms

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

MATERIAL:

DRAWN: Paiboon Luekhamhan DATE: 03-31-2001

APPROVED: T. Nguyen DATE: 03-31-2001

UNLESS OTHERWISE SPECIFIED:
TOLERANCES
IN (INCHES) OR [mm] (MILLIMETERS)
FRACTIONS: ± 1/64
DECIMALS: ±.02 ±.009
ANGLE: ±1/2°

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)

THIRD ANGLE PROJECTION

MCLI
MICROWAVE COMMUNICATIONS LABORATORIES INC.
7255 30TH AVE. N. SAINT PETERSBURG, FL 33710
TEL: (727) 344-6254 FAX: (727) 381-6116
hhtp://WWW.MCLI.COM

SCALE: N/A
SHEET: N/A

DRAWING TITLE: ELECTROMECHANICAL SWITCHES

PART NO. C1-7-LI/12P

CAGE CODE: 0D2L5

SIZE: N/A REV: N/A

DO NOT SCALE THE DRAWING

DWG NO. 82265