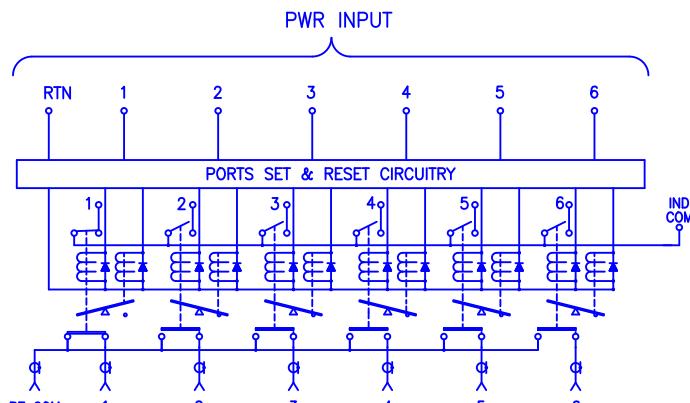
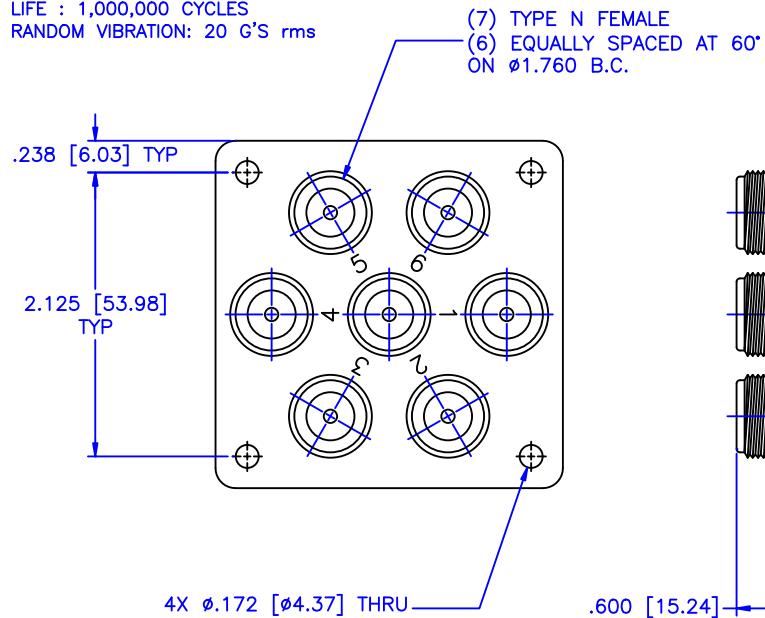


MECHANICAL  
CONTACT: BREAK BEFORE MAKE  
ACTUATOR: LATCHING  
SWITCHING SPEED: 20 mSEC MAX

ELECTRICAL  
ACTUATOR VOLTAGE:  $12.0 \pm 3.0$  Vdc  
ACTUATOR CURRENT: 0.685 A MAX @ 12.0 Vdc  
POWER HANDLING: 350 WATT @ 1.0 GHz  
IMPEDANCE: 50 OHMS

ENVIRONMENTAL  
OPERATING TEMP:  $-54^{\circ}\text{C}$  to  $+90^{\circ}\text{C}$   
SINE VIBRATION: 30 G's rms  
LIFE: 1,000,000 CYCLES  
RANDOM VIBRATION: 20 G's rms



## SPECIFICATION:

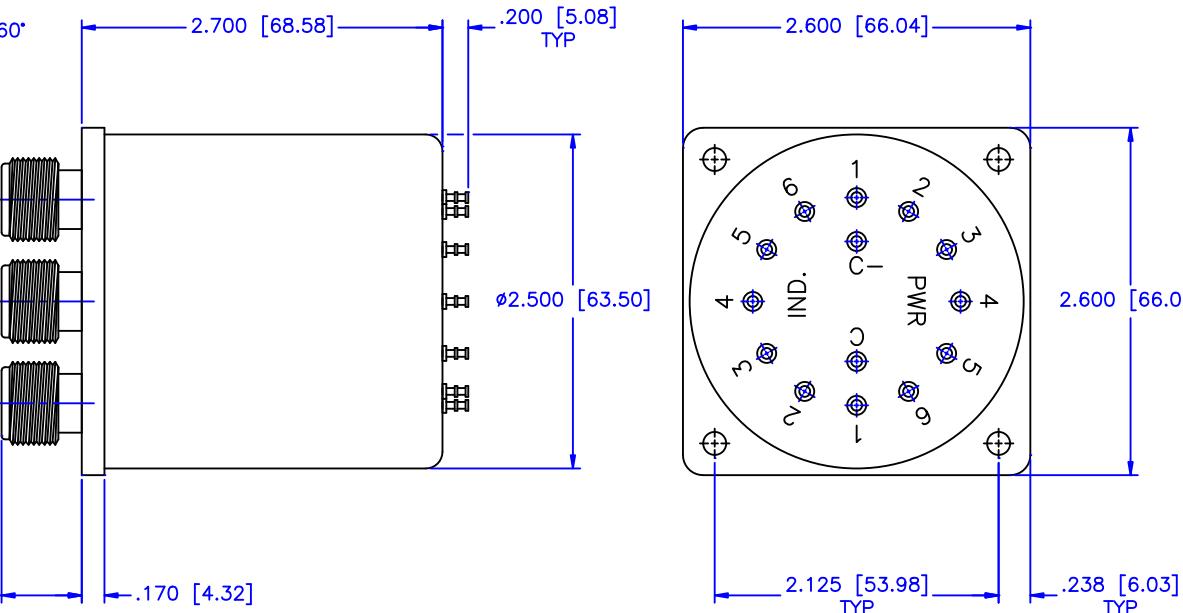
FREQUENCY RANGE (GHz): DC-2.0 2.0-4.0

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

INSERTION LOSS (dB): 0.20 0.25

ISOLATION (dB): 90 80

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



## 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

DRAWN:

Paiboon Luekhamhan

DATE: 03-02-2009

APPROVED:

T. Nguyen

DATE: 03-02-2009

UNLESS OTHERWISE SPECIFIED:  
TOLERANCES

IN (INCHES) OR [mm] (MILLIMETERS)

FRACTIONS:  $\pm 1/64$ DECIMALS:  $\pm .01$   $\pm .005$ ANGLE:  $\pm 1/2^{\circ}$ 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

DRAWING TITLE:

ELECTROMECHANICAL SWITCHES

PART NO.

D6-3-LIS

CAGE CODE:

0D2L5

SIZE: N/A

REV: N/A

DWG NO.

84240

DO NOT SCALE THE DRAWING