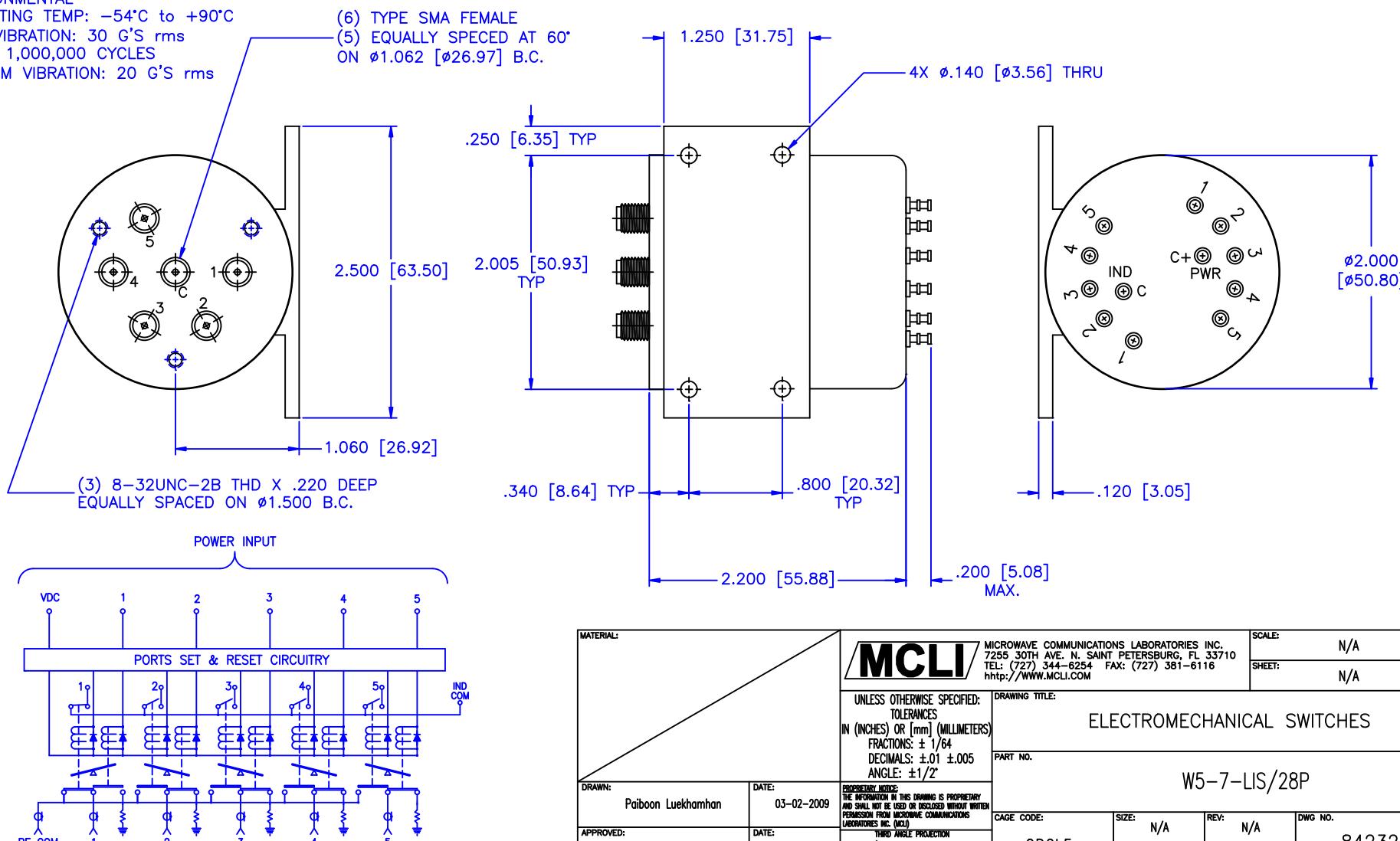


MECHANICAL  
CONTACT: BREAK BEFORE MAKE  
ACTUATOR: LATCHING  
SWITCHING SPEED: 20 mSEC MAX

ELECTRICAL  
ACTUATOR VOLTAGE: 28.0 Vdc (22.0–32.0 Vdc)  
ACTUATOR CURRENT: 0.500 A MAX @ 28.0 Vdc  
POWER HANDLING: 200 W CW @ 1.0 GHz  
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



## 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

REVISIONS		ZONE	REV	DESCRIPTION	DATE	APPROVED
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MATERIAL:	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		
<b>MCLI</b>		DRAWING TITLE:			N/A		
UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: $\pm 1/64$ DECIMALS: $\pm .01 \pm .005$ ANGLE: $\pm 1/2^\circ$		ELECTROMECHANICAL SWITCHES			N/A		
DRAWN:	Paiboon Luekhamhan		DATE:	03-02-2009	PART NO.		
APPROVED:	T. Nguyen		DATE:	03-02-2009	W5-7-LIS/28P		
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)		CAGE CODE:		SIZE:	N/A	REV:	N/A
		0D2L5		DO NOT SCALE THE DRAWING		DWG NO.	
						84232	