

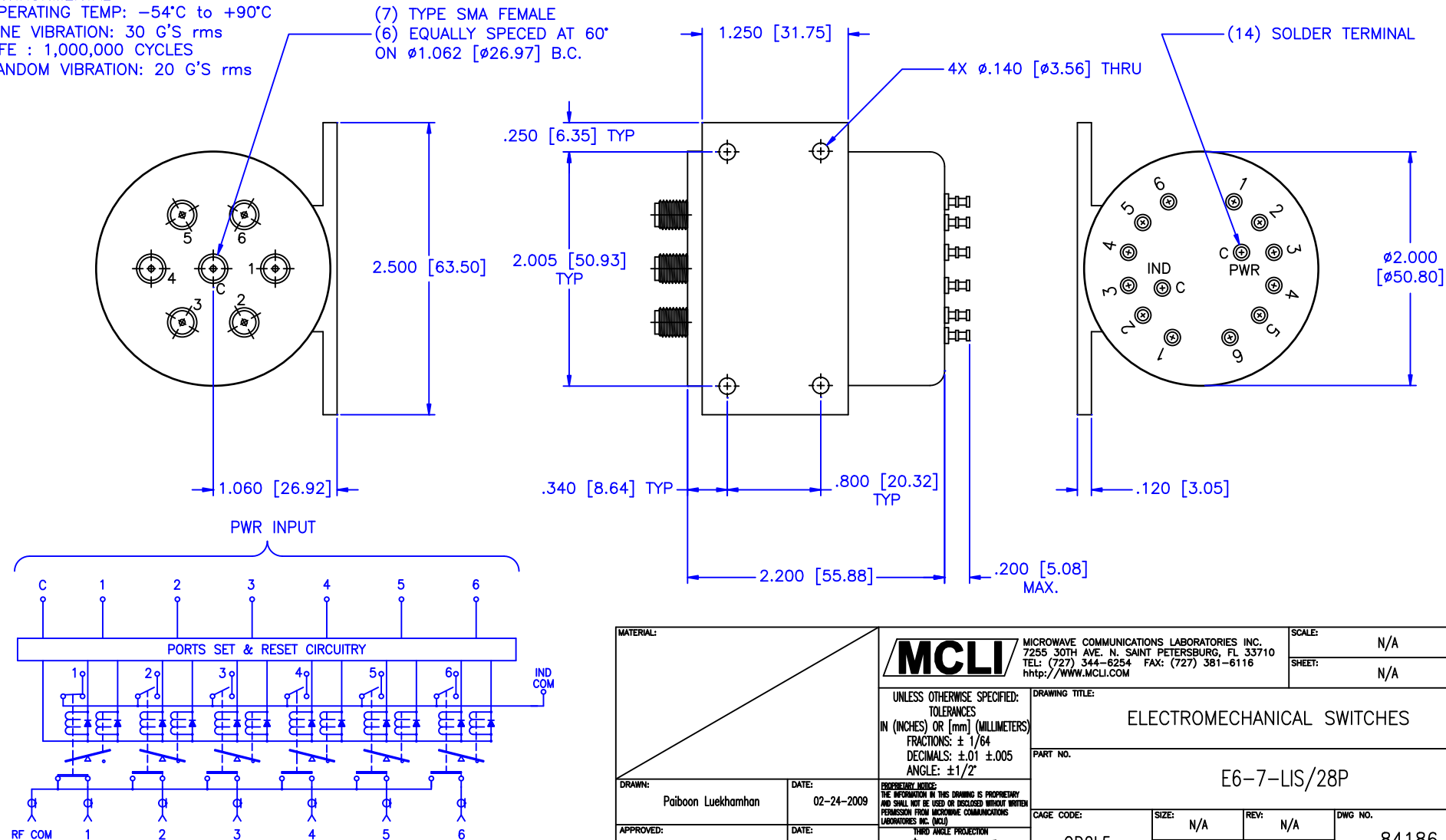
MECHANICAL  
CONTACT: BREAK BEFORE MAKE  
ACTUATOR: LATCHING  
SWITCHING SPEED: 20 mSEC MAX

ELECTRICAL  
ACTUATOR VOLTAGE: 28.0 Vdc (22.0–32.0 Vdc)  
ACTUATOR CURRENT: 0.600 A MAX @ 28.0 Vdc  
POWER HANDLING: 200 WCW @ 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        |



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: ±.01 ±.005  
ANGLE: ±1/2°

DRAWING TITLE:

ELECTROMECHANICAL SWITCHES

PART NO.

E6-7-LIS/28P

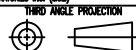
DRAWN: Paiboon Luekhamhan

DATE: 02-24-2009

APPROVED: T. Nguyen

DATE: 02-24-2009

PROPRIETARY NOTICE:  
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CAGE CODE:

OD2L5

SIZE:

N/A

REV:

N/A

DWG NO.

84186

DO NOT SCALE THE DRAWING