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

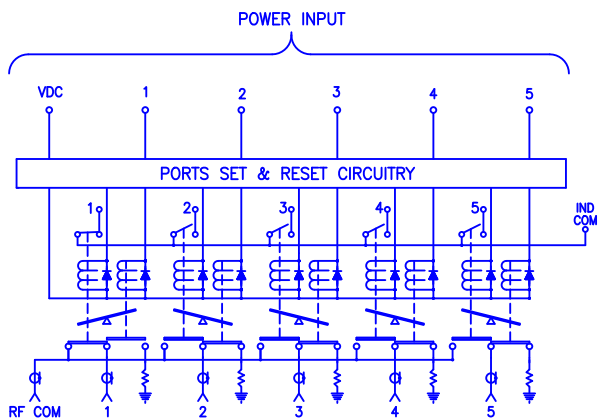
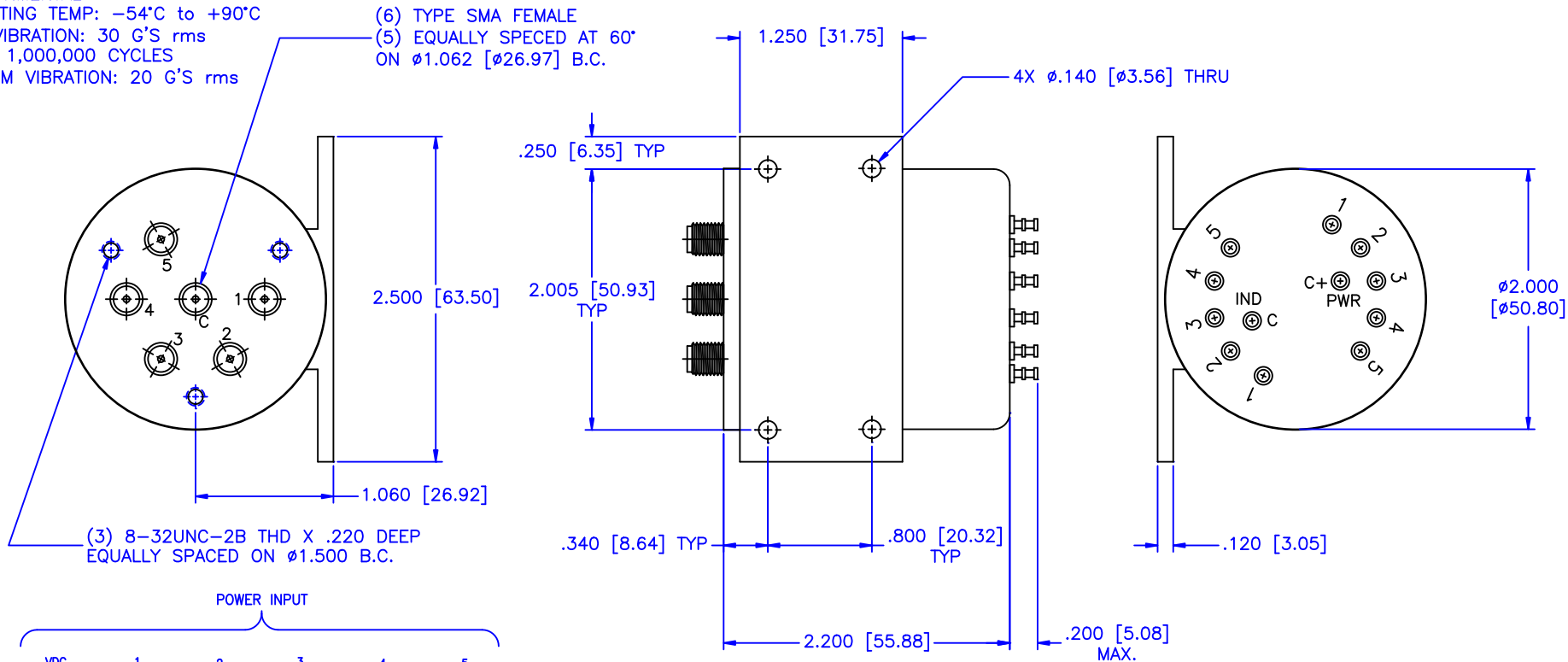
ELECTRICAL
ACTUATOR VOLTAGE: 28.0 Vdc (22.0–32.0 Vdc)
ACTUATOR CURRENT: 0.500 A MAX @ 28.0 Vdc
POWER HANDLING: 200 WCW @ 1.0 GHz
IMPEDANCE: 50 OHMS

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 |

(6) TYPE SMA FEMALE
(5) EQUALLY SPACED AT 60°
ON $\phi 1.062$ [$\phi 26.97$] B.C.



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|---------------------------|--|--|--|--|
| 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 |
| | | UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR (mm) (MILLIMETERS) FRACTIONS: $\pm 1/64$ DECIMALS: $\pm .01$ $\pm .005$ ANGLE: $\pm 1/2^\circ$ | | SHEET: N/A |
| DRAWN: Paiboon Luekhamhan | | DATE: 03-02-2009 | | DRAWING TITLE: ELECTROMECHANICAL SWITCHES |
| APPROVED: T. Nguyen | | DATE: 03-02-2009 | | |
| | | PART NO. W5-7-LIS/28P | | CAGE CODE: OD2L5 |
| | | CAGE CODE: OD2L5 | | |
| | | SIZE: N/A | | REV: N/A |
| | | DO NOT SCALE THE DRAWING | | DWG NO. 84232 |