

**MECHANICAL**

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

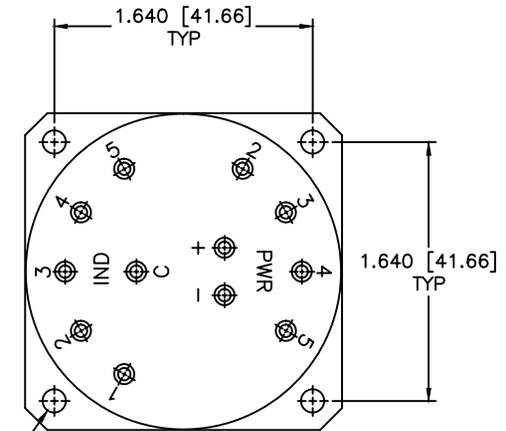
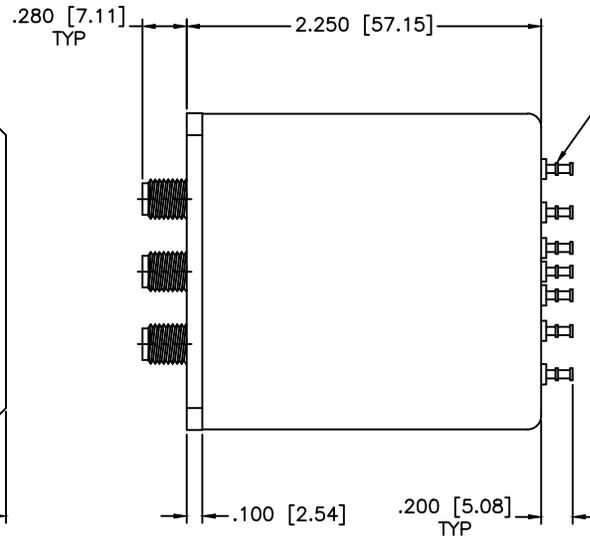
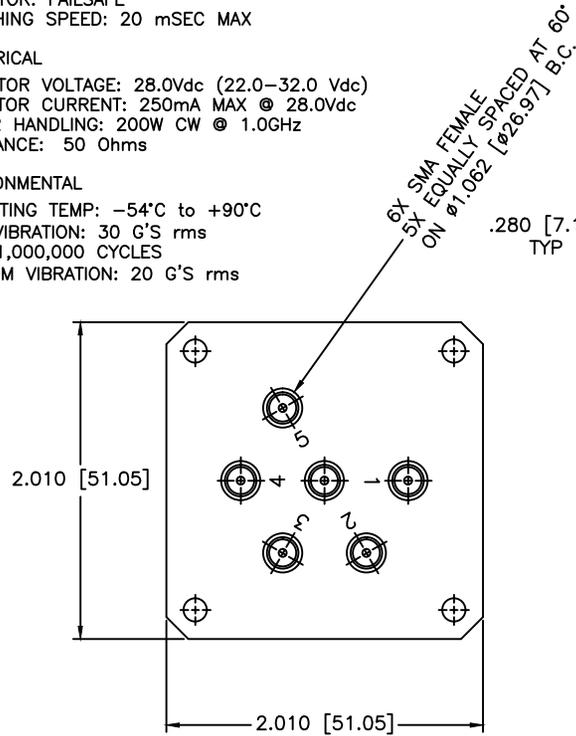
**ELECTRICAL**

ACTUATOR VOLTAGE: 28.0Vdc (22.0–32.0 Vdc)  
 ACTUATOR CURRENT: 250mA MAX @ 28.0Vdc  
 POWER HANDLING: 200W CW @ 1.0GHz  
 IMPEDANCE: 50 Ohms

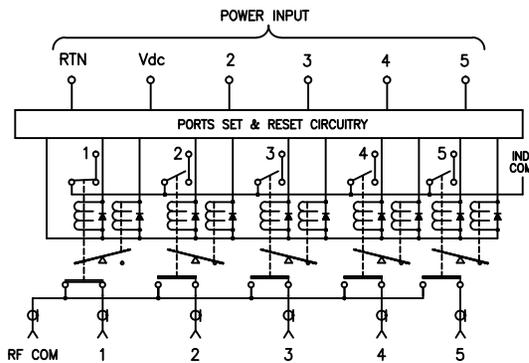
**ENVIRONMENTAL**

OPERATING TEMP: -54°C to +90°C  
 SINE VIBRATION: 30 G'S rms  
 LIFE: 1,000,000 CYCLES  
 RANDOM VIBRATION: 20 G'S rms

REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED



**SPECIFICATIONS**  
 Frequency Range: DC–18.0 GHz  
 VSWR: 1.50:1 Max.  
 Insertion Loss: 0.50dB Max.  
 Isolation: 60dB Min.  
 Impedance: 50 Ohms



MATERIAL:	
DRAWN: Paiboon Luengkhamhan	DATE: 04-04-2001
APPROVED: T. Nguyen	DATE: 04-04-2001

<p>MICROWAVE COMMUNICATIONS LABORATORIES INC.                  7255 30TH AVE. N. SAINT PETERSBURG, FL 33710                  TEL: (727) 344-6254 FAX: (727) 381-6116                  http://WWW.MCLI.COM</p>	SCALE: N/A
	SHEET: N/A
UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ± .02 ± .008 ANGLE: ± 1/2°	DRAWING TITLE: <b>ELECTROMECHANICAL SWITCHES</b>
PART NO. <b>05-7-FIS</b>	
CAGE CODE: OD2L5	SIZE: N/A
	REV: N/A
	DO NOT SCALE THE DRAWING
	DWG NO. 81689

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