

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

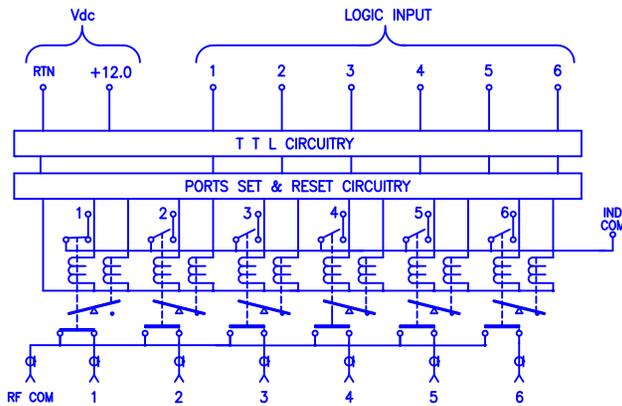
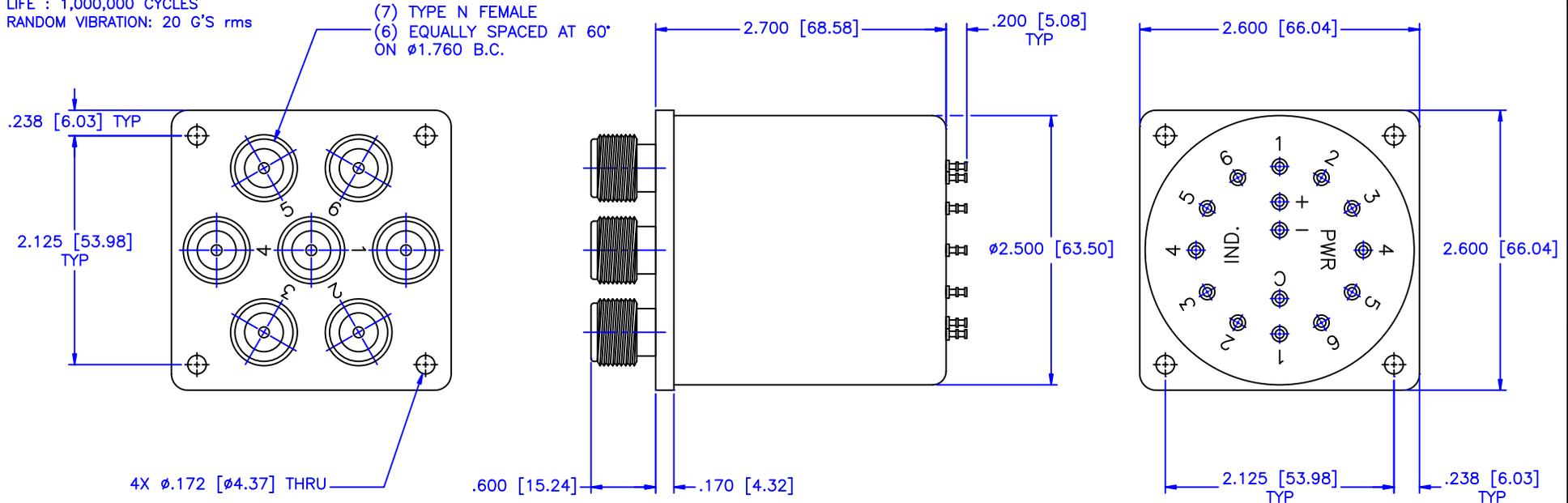
ELECTRICAL
 ACTUATOR VOLTAGE: 12.0±3.0 Vdc
 ACTUATOR CURRENT: 0.685 A MAX @ 12.0 Vdc
 POWER HANDLING: 350 WCW @ 1.0 GHz
 IMPEDANCE: 50 OHMS

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

LOGIC TRUTH TABLE						
RF PATH	LOGIC SIGNAL					
	T1	T2	T3	T4	T5	T6
1-C	1	0	0	0	0	0
2-C	0	1	0	0	0	0
3-C	0	0	1	0	0	0
4-C	0	0	0	1	0	0
5-C	0	0	0	0	1	0
6-C	0	0	0	0	0	1

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

SPECIFICATION:
 FREQUENCY RANGE (GHz): DC-1.0
 VSWR (Max.): 1.20:1
 INSERTION LOSS (dB): 0.20
 ISOLATION (dB): 90



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
UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.01 ±.005 ANGLE: ±1/2°			SHEET: N/A
DRAWN: Paiboon Luekhamhan		DATE: 03-31-2001	DRAWING TITLE: ELECTROMECHANICAL SWITCHES PART NO.: D6-1-LIL
APPROVED: T. Nguyen		DATE: 03-31-2001	
CAGE CODE: OD2L5		SIZE: N/A	REV: B
DO NOT SCALE THE DRAWING		DWG NO.: 81632	