

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

ELECTRICAL
ACTUATOR VOLTAGE: 28.0 ± 3.0 Vdc
ACTUATOR CURRENT: 0.450 A MAX @ 28.0 Vdc
POWER HANDLING: 350 W CW @ 1.0 GHz
IMPEDANCE: 50 OHMS

ENVIRONMENTAL
OPERATING TEMP: -54°C to $+90^{\circ}\text{C}$
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
1-C	1	0	0	0
2-C	0	1	0	0
3-C	0	0	1	0
4-C	0	0	0	1

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

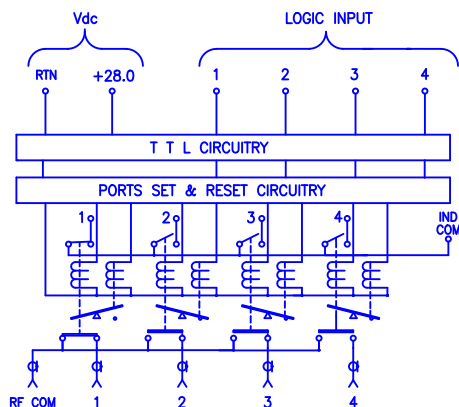
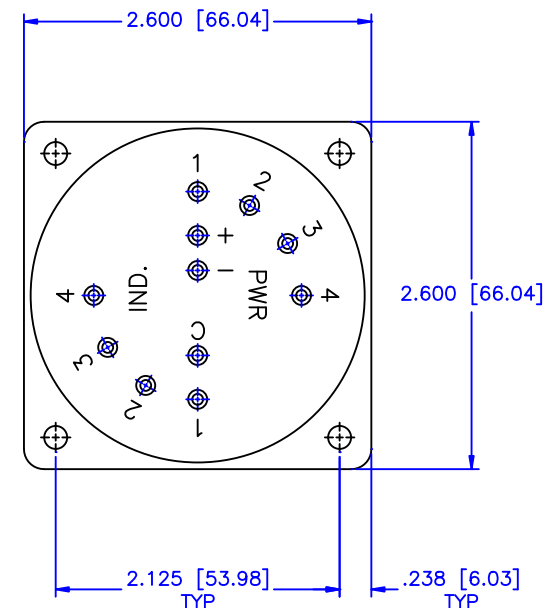
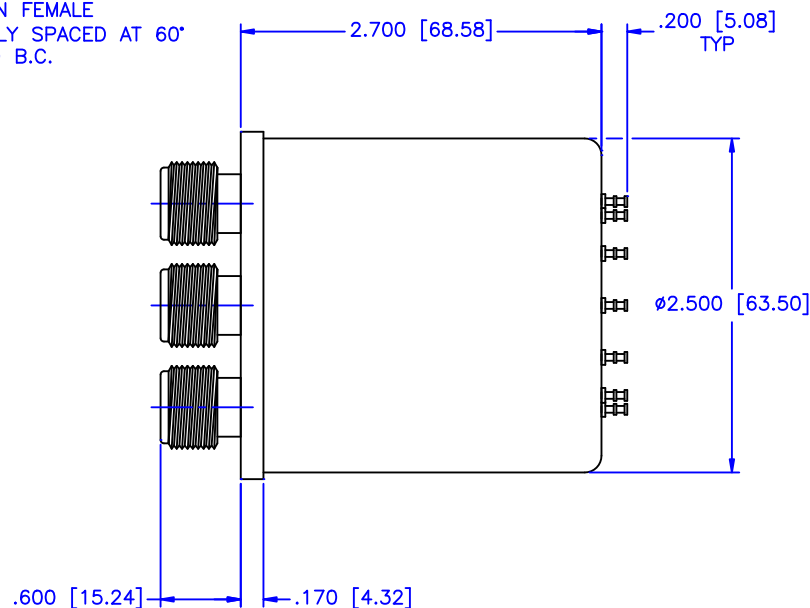
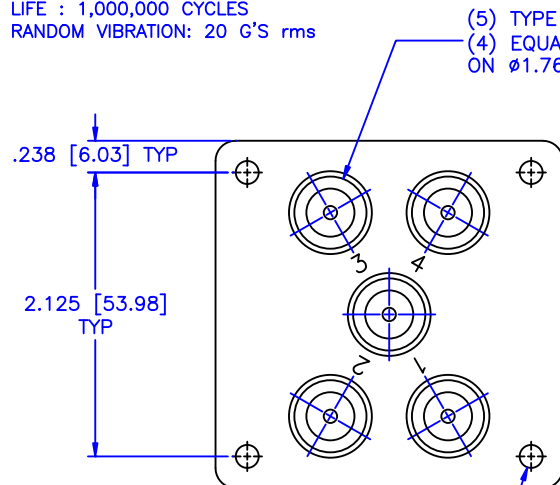
SPECIFICATION:

FREQUENCY RANGE (GHz): DC-1.0

VSWR (Max.): 1.20:1

INSERTION LOSS (dB): 0.20

ISOLATION (dB): 90



MATERIAL:		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: ± 0.01 ± 0.005 ANGLE: $\pm 1/2^{\circ}$		SHEET: N/A
DRAWN: Paiboon Luekhamhan		DATE: 03-31-2001		DRAWING TITLE: ELECTROMECHANICAL SWITCHES
APPROVED: T. Nguyen		DATE: 03-31-2001		
		THIRD ANGLE PROJECTION		PART NO. D4-1-LIL
		CAGE CODE: OD2L5	SIZE: N/A	REV: B
		DO NOT SCALE THE DRAWING		DWG NO. 84251