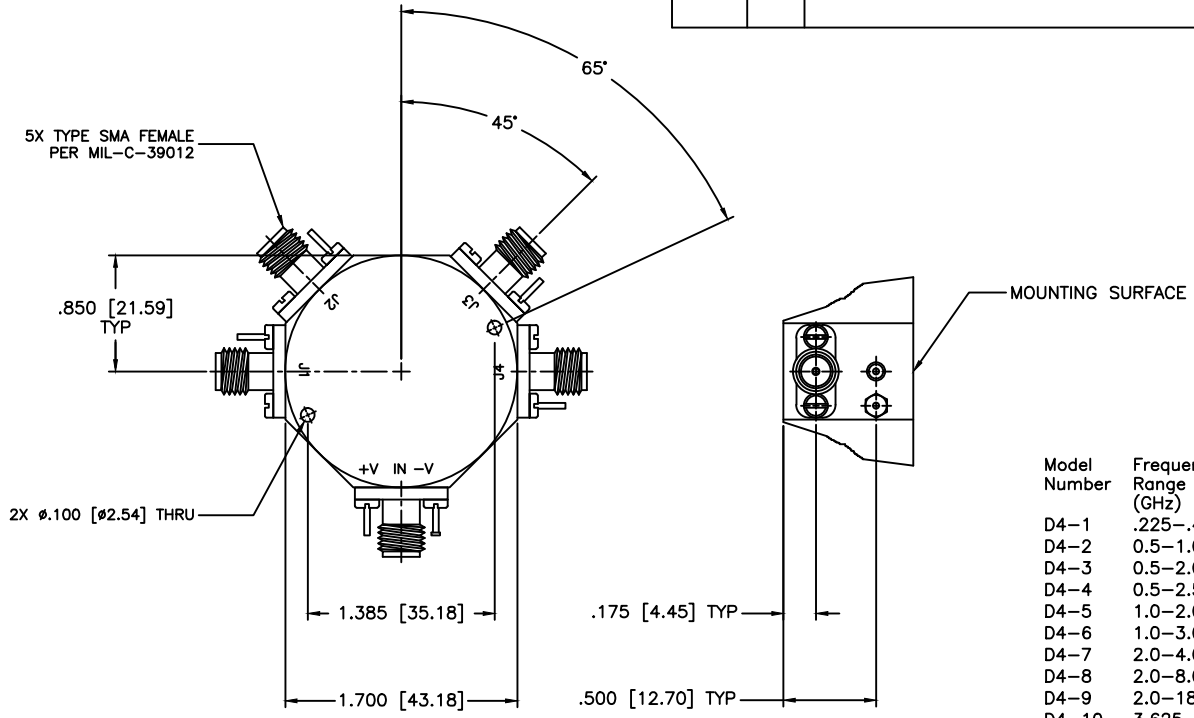
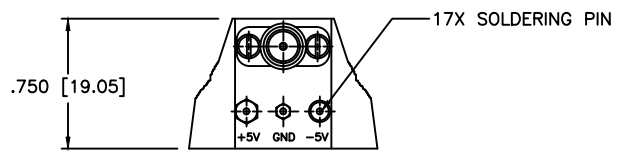


REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED



Model Number	Frequency Range (GHz)	Insertion Loss (dB Max.) ABS/REF	VSWR (Max.)
D4-1	.225-.400	1.20/1.10	1.75:1
D4-2	0.5-1.0	1.10/1.00	1.75:1
D4-3	0.5-2.0	1.20/1.10	1.75:1
D4-4	0.5-2.5	1.30/1.20	1.75:1
D4-5	1.0-2.0	2.60/1.80	1.75:1
D4-6	1.0-3.0	1.20/1.10	1.75:1
D4-7	2.0-4.0	1.30/1.20	1.75:1
D4-8	2.0-8.0	1.50/1.40	1.75:1
D4-9	2.0-18	3.20/3.10	2.50:1
D4-10	3.625-4.25	1.20/1.10	1.75:1
D4-11	4.0-8.0	1.50/1.40	1.80:1
D4-12	5.8-6.45	1.50/1.40	1.80:1
D4-13	6.0-18	3.30/3.10	2.50:1
D4-14	7.2-8.5	2.00/1.80	1.90:1
D4-15	8-12.4	2.20/2.10	1.90:1
D4-16	12-18	3.30/3.20	2.50:1
D4-17	14-14.5	3.00/2.90	2.50:1
D4-18	18-26.5	3.70/3.70	2.50:1

Specifications
 Driver Schottky TTL
 Voltage/Current Required:
 +5 Vdc @ +80 mA, Typical
 -5 Vdc @ -40 mA, Typical
 Higher speeds available.
 Individual TTL Control Logic:
 Logic "0" (-0.3V to +0.8V) = ON
 Logic "1" (+2.0V to +5.0V) = OFF



TTL Control Logic

L1	L2	L3	L4	IN-J1	IN-J2	IN-J3	IN-J4
0	1	1	1	Loss	Isol.	Isol.	Isol.
1	0	1	1	Isol.	Loss	Isol.	Isol.
1	1	0	1	Isol.	Isol.	Loss	Isol.
1	1	1	0	Isol.	Isol.	Isol.	Loss

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: ± 1/64 DECIMALS: ±.01 ±.005 ANGLE: ±1/2°			DRAWING TITLE: SP4T PIN DIODE SWITCHES
DRAWN: Paiboon Luekhamhan		PART NO.: D4-SERIES	
DATE: 04-22-2009		CAGE CODE: OD2L5	SIZE: A
APPROVED: T. Nguyen		DATE: 04-22-2009	REV: N/A
THIRD ANGLE PROJECTION		DWG NO.: 84389	
DO NOT SCALE THE DRAWING			