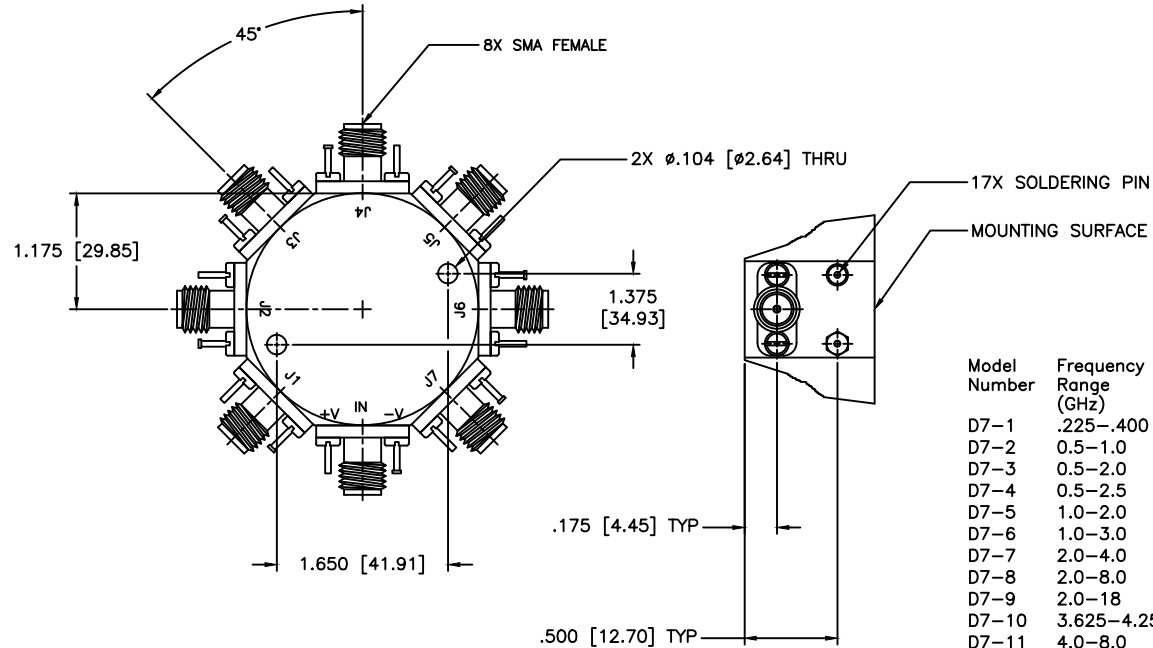


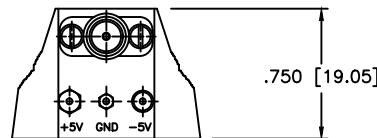
REVISIONS				
ZONE	REV	DESCRIPTION	Date	APPROVED



Model Number	Frequency Range (GHz)	Insertion Loss (dB Max.) ABS/REF	VSWR (Max.)
D7-1	.225-.400	1.50/1.40	1.90:1
D7-2	0.5-1.0	1.40/1.30	1.85:1
D7-3	0.5-2.0	1.50/1.40	1.85:1
D7-4	0.5-2.5	1.60/1.50	1.85:1
D7-5	1.0-2.0	1.40/1.30	1.85:1
D7-6	1.0-3.0	1.50/1.40	1.85:1
D7-7	2.0-4.0	1.60/1.50	1.85:1
D7-8	2.0-8.0	1.80/1.70	1.85:1
D7-9	2.0-18	3.50/3.40	2.50:1
D7-10	3.625-4.25	1.50/1.40	1.90:1
D7-11	4.0-8.0	1.80/1.60	1.90:1
D7-12	5.8-6.45	1.80/1.70	1.90:1
D7-13	6.0-18	3.50/3.40	2.50:1
D7-14	7.2-8.5	2.50/2.40	2.00:1
D7-15	8-12.4	2.50/2.40	2.00:1
D7-16	12-18	3.50/3.40	2.50:1
D7-17	14-14.5	3.50/3.40	2.50:1
D7-18	18-26.5	4.20/4.00	2.50:1

GENERAL INFORMATION

Frequency Available From: 0.225 To 26.5 GHz
 Standard Isolation: 60dB
 RF Impedance: 50 Ohms
 RF Power: +20dBm
 Switching Speed: 90% to 10% or 10% to 90% of RF.
 Operating Temperature from: -55 to +85 C
 Additional 50 nanoseconds of driver delay
 DC Power Requirements: +/- 5 Volts @ 70 mA
 Other connectors: Type N, BNC, TNC available
 Environmental: Per MIL E-5400



Logic is TTL "0" when "On" and "1" when "Off"
 Standard Speed is 2 microseconds
 All models are provided without Drivers
 Driver Option add suffix /D
 * Custom Design For Higher Isolation Available.
 ** Reflective: VSWR means "ON" Input and Output Position.
 Obsortive: VSWR means "ON" Input and Output, Also "OFF" Position.

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
			SHEET:	N/A
UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR (mm) (MILLIMETERS) FRACTIONS: ± 1/64 DECIMALS: ±.01 ±.005 ANGLE: ±1/2°		DRAWING TITLE: SP7T PIN DIODE SWITCHES		
PROPERTY NOTICE: THE INFORMATION IN THIS DRAWING IS PROPRIETARY AND SHALL NOT BE USED OR DISCLOSED WITHOUT WRITTEN PERMISSION FROM MICROWAVE COMMUNICATIONS LABORATORIES INC. (MCLI)		PART NO. D7-SERIES		
DRAWN: Paiboon Luekhamhan	DATE: 04-21-2009	CAGE CODE: OD2L5	SIZE: A	REV: N/A
APPROVED: T. Nguyen	DATE: 04-21-2009	DO NOT SCALE THE DRAWING		DWG NO. 84387