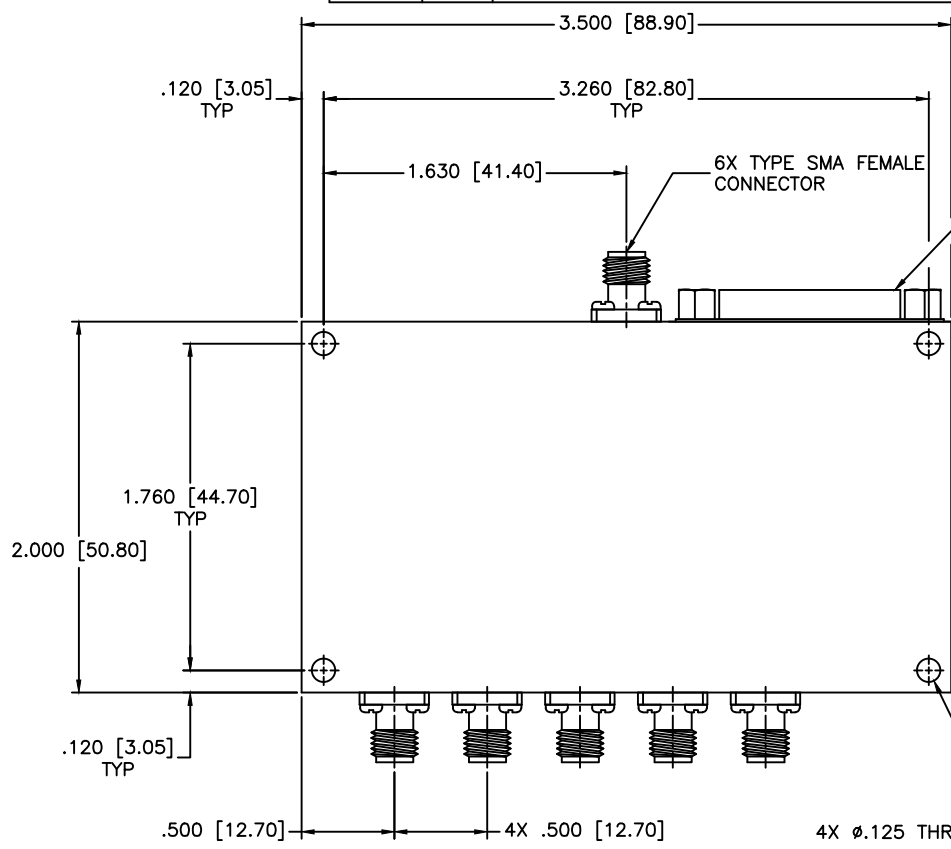
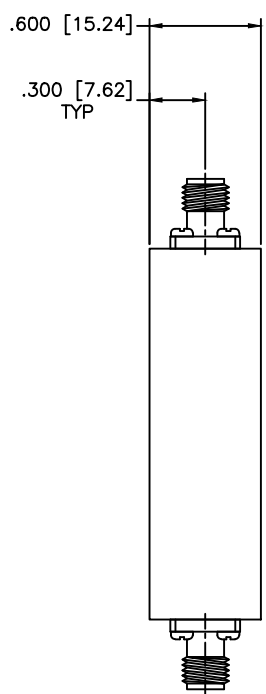


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



- SPECIFICATIONS:**
- \* Driver Schottky TTL
  - \* Voltage/Current Required:  
+5 Vdc @ +90 mA, Typical  
-5 Vdc @ -40 mA, Typical
  - \* Individual TTL Control Logic:  
Logic "0" (-0.3V to +0.8V) = ON  
Logic "1" (+2.0V to +5.0V) = OFF
  - \* ITT Cannon, 9 Pin:  
Pin 1 = J1 (Control)  
Pin 2 = J2  
Pin 3 = J3  
Pin 4 = J4  
Pin 5 = J5  
Pin 6 = N/C  
Pin 7 = GROUND  
Pin 8 = +5V  
Pin 9 = -5V

Model Number	Frequency Range (GHz)	Insertion Loss ABS/REF (dB Max.)	VSWR (Max.)
D5-1	.225-.400	2.20/2.00	1.80:1
D5-2	0.5-1.0	2.20/2.00	1.80:1
D5-3	0.5-2.0	2.20/2.00	1.80:1
D5-4	0.5-2.5	2.20/2.00	1.80:1
D5-5	1.0-2.0	2.20/2.00	1.80:1
D5-6	1.0-3.0	2.50/2.20	1.80:1
D5-7	2.0-4.0	2.50/2.20	1.80:1
D5-8	2.0-8.0	3.50/2.80	1.80:1
D5-9	2.0-18	3.50/3.00	2.50:1
D5-10	3.625-4.25	2.50/2.20	1.80:1
D5-11	4.0-8.0	3.50/2.80	1.90:1
D5-12	5.8-6.45	3.50/2.80	1.90:1
D5-13	6.0-18	3.50/3.00	2.50:1
D5-14	7.2-8.5	3.50/2.80	1.90:1
D5-15	8-12.4	3.50/3.00	2.00:1
D5-16	12-18	3.50/3.00	2.50:1
D5-17	14-14.5	3.50/2.80	2.50:1
D5-18	18-26.5	3.80/3.60	2.70:1

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
DRAWING TITLE: SP5T PIN DIODE SWITCHES		PART NO. D5-SERIES			
DRAWN: Paiboon Luekhamhan	DATE: 04-22-2009	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)		CAGE CODE: OD2L5	SIZE: A
APPROVED: T. Nguyen	DATE: 04-22-2009	THIRD ANGLE PROJECTION 		REV: N/A	DWG NO. 84390
				DO NOT SCALE THE DRAWING	