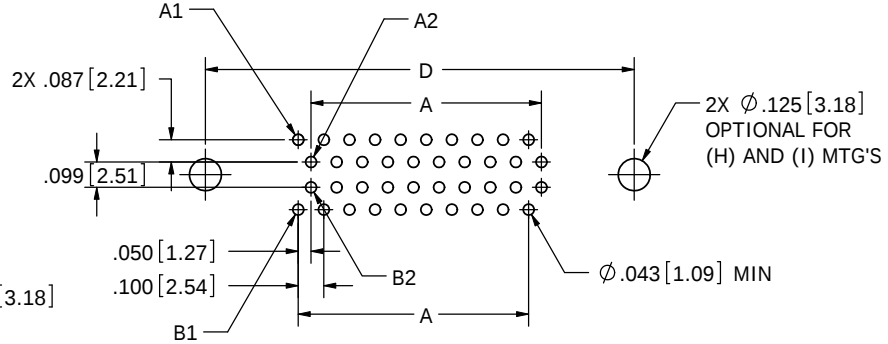
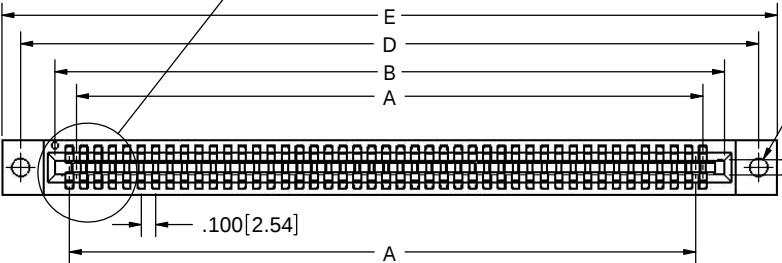
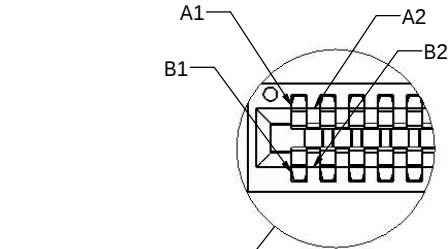
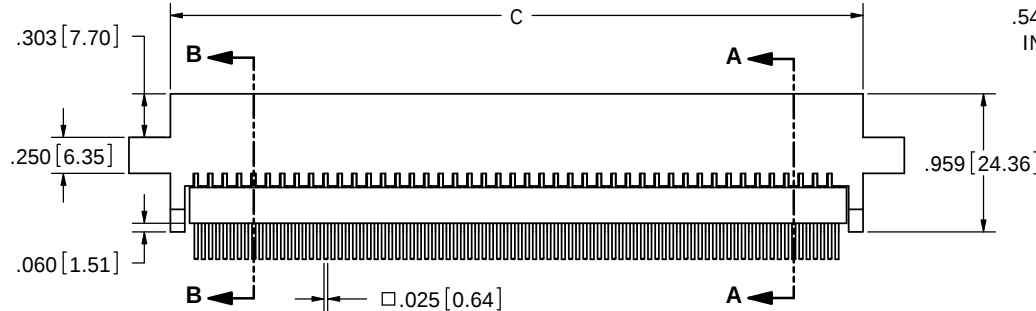


REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
A	1859	INITIAL RELEASE	11-19-08	MNH
A		INITIAL RELEASE	11/25/2008	

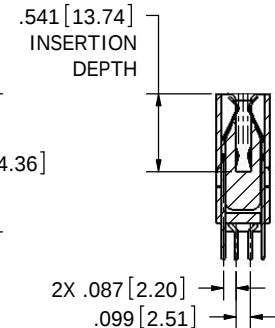


RECOMMENDED PCB LAYOUT
COMPONENT SIDE

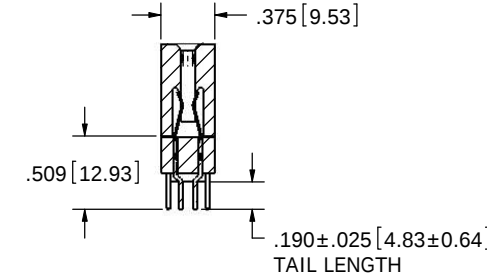
$.105^{+.010}_{-.005}$ $[2.67^{+0.25}_{-.013}]$
CARDSLOT FOR .093[2.36]
DAUGHTER CARD



_ _ B _ _ DLTH-S1322



SECTION B-B



SECTION A-A

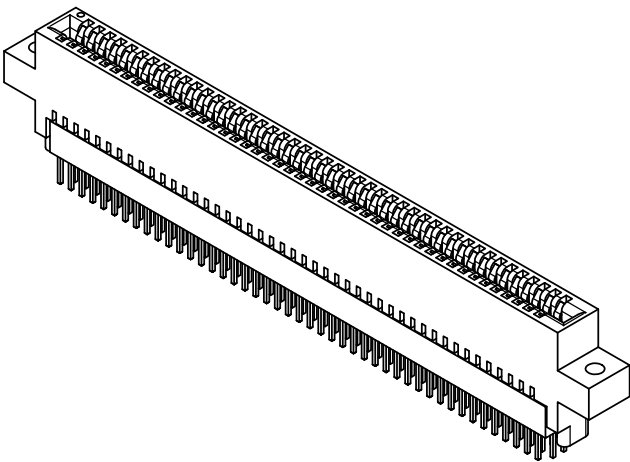
- NOTES:
1. INSULATOR MATERIAL: SEE PART NUMBER CODING.
 2. CONTACT MATERIAL: SEE PART NUMBER CODING.
 3. PLATING: SEE PART NUMBER CODING.
 4. TEMPERATURE: SEE PART NUMBER CODING.
 5. PROCESSING TEMP: SEE PART NUMBER CODING.
 6. UL FLAMMABILITY RATING: 94V-0.
 7. VOLTAGE RATING: 125 VDC MINIMUM AT SEA LEVEL.
 8. CURRENT RATING: 3 AMP PER CONTACT PAIR.
 9. VOLTAGE DROP: 30 MILLI VOLT AT RATED CURRENT.
 10. INSULATION RESISTANCE: 5000 MEGA OHMS.
 11. CONNECTOR IDENTIFICATION: THE PART SHALL BE MARKED WITH A PART NUMBER AND BARCODE.
 12. BOARD THICKNESS ACCOMMODATED: .093 ± .008 [2.36 ± 0.20].
 13. BOARD INSERTION FORCE: 16 OZ MAX PER CONTACT PAIR WHEN USING A .093[2.36] TEST BLADE. INTERNAL INSPECTION TO BE PER SULLIN'S WORK INSTRUCTION W17.3-01.
 14. BOARD WITHDRAWAL FORCE: 1 OUNCE MINIMUM PER CONTACT PAIR USING .093[2.36] PCB.
 15. MODIFICATION: BI-LEVEL TOP FOR .093[2.36] PCB, WITH STANDOFFS INNER ROW SPACING TO BE .099[2.51] AND .087[2.20] FROM INNER TO OUTER ROW.



CUSTOMER COPY

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES[MM] TOLERANCES: ANGULAR: ± 30° .XX=± .02 [508] .XXX=± .005 [127] .XXXX=± .0005 [0.127] SURFACE FINISH: 63 Ra REMOVE ALL BURRS AND SHARP EDGES .010 MAX INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING PER: ANSI Y14.5M-1994		DATE	NAME		
		DRAWN	11-19-08		V. JARA
	THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS.				DESCRIPTION BI-LEVEL .050 CC, .093 PCB, DS
					PART NUMBER _ B _ DLT _ S1322
		SIZE	DWG. NO.	REV	
		C	C11174	A	
		SCALE: 1:51		SHEET 1 OF 3	

PART NUMBER	POSITIONS	INCHES						POSITIONS	MILLIMETERS						DAUGHTER CARD LAYOUT
		A	B	C±.015	D±.010	E±.020	F		A	B	C±0.38	D±0.25	E±0.51	F	
B06DLT -S1322	6	0.200	0.450	0.610	0.925	1.185	0.436	6	5.08	11.43	15.49	23.50	30.10	11.07	1
B08DLT -S1322	8	0.300	0.550	0.710	1.025	1.285	0.536	8	7.62	13.97	18.03	26.04	32.64	13.61	2
B10DLT -S1322	10	0.400	0.650	0.810	1.125	1.385	0.636	10	10.16	16.51	20.57	28.58	35.18	16.15	1
B12DLT -S1322	12	0.500	0.750	0.910	1.225	1.485	0.736	12	12.70	19.05	23.11	31.12	37.72	18.69	2
B14DLT -S1322	14	0.600	0.850	1.010	1.325	1.585	0.836	14	15.24	21.59	25.65	33.66	40.26	21.23	1
B16DLT -S1322	16	0.700	0.950	1.110	1.425	1.685	0.936	16	17.78	24.13	28.19	36.20	42.80	23.77	2
B18DLT -S1322	18	0.800	1.050	1.210	1.525	1.785	1.036	18	20.32	26.67	30.73	38.74	45.34	26.31	1
B20DLT -S1322	20	0.900	1.150	1.310	1.625	1.885	1.136	20	22.86	29.21	33.27	41.28	47.88	28.85	2
B22DLT -S1322	22	1.000	1.250	1.410	1.725	1.985	1.236	22	25.40	31.75	35.81	43.82	50.42	31.39	1
B24DLT -S1322	24	1.100	1.350	1.510	1.825	2.085	1.336	24	27.94	34.29	38.35	46.36	52.96	33.93	2
B26DLT -S1322	26	1.200	1.450	1.610	1.925	2.185	1.436	26	30.48	36.83	40.89	48.90	55.50	36.47	1
B28DLT -S1322	28	1.300	1.550	1.710	2.025	2.285	1.536	28	33.02	39.37	43.43	51.44	58.04	39.01	2
B30DLT -S1322	30	1.400	1.650	1.810	2.125	2.385	1.636	30	35.56	41.91	45.97	53.98	60.58	41.55	1
B32DLT -S1322	32	1.500	1.750	1.910	2.225	2.485	1.736	32	38.10	44.45	48.51	56.52	63.12	44.09	2
B34DLT -S1322	34	1.600	1.850	2.010	2.325	2.585	1.836	34	40.64	46.99	51.05	59.06	65.66	46.63	1
B36DLT -S1322	36	1.700	1.950	2.110	2.425	2.685	1.936	36	43.18	49.53	53.59	61.60	68.20	49.17	2
B38DLT -S1322	38	1.800	2.050	2.210	2.525	2.785	2.036	38	45.72	52.07	56.13	64.14	70.74	51.71	1
B40DLT -S1322	40	1.900	2.150	2.310	2.625	2.885	2.136	40	48.26	54.61	58.67	66.68	73.28	54.25	2
B42DLT -S1322	42	2.000	2.250	2.410	2.725	2.985	2.236	42	50.80	57.15	61.21	69.22	75.82	56.79	1
B44DLT -S1322	44	2.100	2.350	2.510	2.825	3.085	2.336	44	53.34	59.69	63.75	71.76	78.36	59.33	2
B46DLT -S1322	46	2.200	2.450	2.610	2.925	3.185	2.436	46	55.88	62.23	66.29	74.30	80.90	61.87	1
B48DLT -S1322	48	2.300	2.550	2.710	3.025	3.285	2.536	48	58.42	64.77	68.83	76.84	83.44	64.41	2
B50DLT -S1322	50	2.400	2.650	2.810	3.125	3.385	2.636	50	60.96	67.31	71.37	79.38	85.98	66.95	1
B52DLT -S1322	52	2.500	2.750	2.910	3.225	3.485	2.736	52	63.50	69.85	73.91	81.92	88.52	69.49	2
B54DLT -S1322	54	2.600	2.850	3.010	3.325	3.585	2.836	54	66.04	72.39	76.45	84.46	91.06	72.03	1
B56DLT -S1322	56	2.700	2.950	3.110	3.425	3.685	2.936	56	68.58	74.93	78.99	87.00	93.60	74.57	2
B58DLT -S1322	58	2.800	3.050	3.210	3.525	3.785	3.036	58	71.12	77.47	81.53	89.54	96.14	77.11	1
B60DLT -S1322	60	2.900	3.150	3.310	3.625	3.885	3.136	60	73.66	80.01	84.07	92.08	98.68	79.65	2
B62DLT -S1322	62	3.000	3.250	3.410	3.725	3.985	3.236	62	76.20	82.55	86.61	94.62	101.22	82.19	1
B64DLT -S1322	64	3.100	3.350	3.510	3.825	4.085	3.336	64	78.74	85.09	89.15	97.16	103.76	84.73	2
B66DLT -S1322	66	3.200	3.450	3.610	3.925	4.185	3.436	66	81.28	87.63	91.69	99.70	106.30	87.27	1
B68DLT -S1322	68	3.300	3.550	3.710	4.025	4.285	3.536	68	83.82	90.17	94.23	102.24	108.84	89.81	2
B70DLT -S1322	70	3.400	3.650	3.810	4.125	4.385	3.636	70	86.36	92.71	96.77	104.78	111.38	92.35	1
B72DLT -S1322	72	3.500	3.750	3.910	4.225	4.485	3.736	72	88.90	95.25	99.31	107.32	113.92	94.89	2
B74DLT -S1322	74	3.600	3.850	4.010	4.325	4.585	3.836	74	91.44	97.79	101.85	109.86	116.46	97.43	1
B76DLT -S1322	76	3.700	3.950	4.110	4.425	4.685	3.936	76	93.98	100.33	104.39	112.40	119.00	99.97	2
B78DLT -S1322	78	3.800	4.050	4.210	4.525	4.785	4.036	78	96.52	102.87	106.93	114.94	121.54	102.51	1
B80DLT -S1322	80	3.900	4.150	4.310	4.625	4.885	4.136	80	99.06	105.41	109.47	117.48	124.08	105.05	2
B82DLT -S1322	82	4.000	4.250	4.410	4.725	4.985	4.236	82	101.60	107.95	112.01	120.02	126.62	107.59	1
B84DLT -S1322	84	4.100	4.350	4.510	4.825	5.085	4.336	84	104.14	110.49	114.55	122.56	129.16	110.13	2
B86DLT -S1322	86	4.200	4.450	4.610	4.925	5.185	4.436	86	106.68	113.03	117.09	125.10	131.70	112.67	1
B88DLT -S1322	88	4.300	4.550	4.710	5.025	5.285	4.536	88	109.22	115.57	119.63	127.64	134.24	115.21	2
B90DLT -S1322	90	4.400	4.650	4.810	5.125	5.385	4.636	90	111.76	118.11	122.17	130.18	136.78	117.75	1
B92DLT -S1322	92	4.500	4.750	4.910	5.225	5.485	4.736	92	114.30	120.65	124.71	132.72	139.32	120.29	2
B94DLT -S1322	94	4.600	4.850	5.010	5.325	5.585	4.836	94	116.84	123.19	127.25	135.26	141.86	122.83	1
B96DLT -S1322	96	4.700	4.950	5.110	5.425	5.685	4.936	96	119.38	125.73	129.79	137.80	144.40	125.37	2
B98DLT -S1322	98	4.800	5.050	5.210	5.525	5.785	5.036	98	121.92	128.27	132.33	140.34	146.94	127.91	1
B100DLT -S1322	100	4.900	5.150	5.310	5.625	5.885	5.136	100	124.46	130.81	134.87	142.88	149.48	130.45	2
B102DLT -S1322	102	5.000	5.250	5.410	5.725	5.985	5.236	102	127.00	133.35	137.41	145.42	152.02	132.99	1
B104DLT -S1322	104	5.100	5.350	5.510	5.825	6.085	5.336	104	129.54	135.89	139.95	147.96	154.56	135.53	2
B106DLT -S1322	106	5.200	5.450	5.610	5.925	6.185	5.436	106	132.08	138.43	142.49	150.50	157.10	138.07	1
B108DLT -S1322	108	5.300	5.550	5.710	6.025	6.285	5.536	108	134.62	140.97	145.03	153.04	159.64	140.61	2
B110DLT -S1322	110	5.400	5.650	5.810	6.125	6.385	5.636	110	137.16	143.51	147.57	155.58	162.18	143.15	1
B112DLT -S1322	112	5.500	5.750	5.910			5.736	112	139.70	146.05	150.11			145.69	2
B114DLT -S1322	114	5.600	5.850	6.010			5.836	114	142.24	148.59	152.65			148.23	1
B116DLT -S1322	116	5.700	5.950	6.110			5.936	116	144.78	151.13	155.19			150.77	2
B118DLT -S1322	118	5.800	6.050	6.210			6.036	118	147.32	153.67	157.73			153.31	1
B120DLT -S1322	120	5.900	6.150	6.310			6.136	120	149.86	156.21	160.27			155.85	2



PART NUMBER CODING

B - DLT -S1322

MATERIALS (INSULATOR / CONTACT)

G = PA9T/PHOSPHOR BRONZE

OPERATING TEMP: -65°C TO +125°C

PROCESSING TEMP: 260°C FOR 120 SECS MAX

J = PA9T/BERYLLIUM COPPER

OPERATING TEMP: -65°C TO +150°C

PROCESSING TEMP: 260°C FOR 120 SECS MAX

(CONSULT FACTORY FOR OTHER MATERIALS)

MOUNTING STYLE

H = .125 DIA. MOUNTING HOLES (PAGE 1)

S = .125 DIA. SIDE MOUNTING HOLES (PAGE 2)

I = #4-40 THREADED INSERTS (PAGE 2)

A = #4-40 THREADED INSERTS IN SIDE HOLES (PAGE 2)

N = NO MOUNTING EARS (PAGE 2)

NUMBER OF POSITIONS
(CONTACT PER ROW)

PLATING

ALL PLATINGS ARE LEAD FREE AND HAVE .000050" NICKEL UNDERPLATE

CONTACT SURFACE TERMINATION

C = .000030" GOLD .000100" PURE TIN, MATTE

B = .000010" GOLD .000100" PURE TIN, MATTE

Y = .000030" GOLD .000005" GOLD

CUSTOMER COPY



RoHS COMPLIANT

DESCRIPTION	
BI-LEVEL .050 CC .093 PCB_DS	
PART NUMBER	
B - DLT -S1322	
SIZE	DWG. NO.
C	C11174
SCALE: 2:1	REV A
SHEET 3 OF 3	