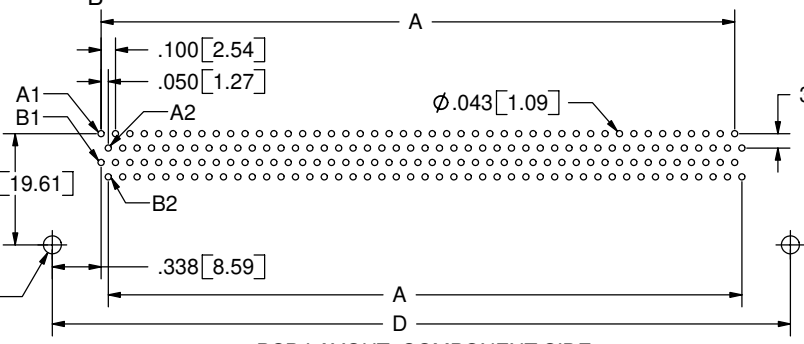
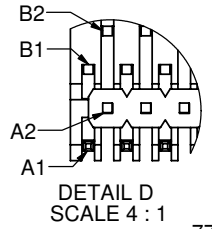
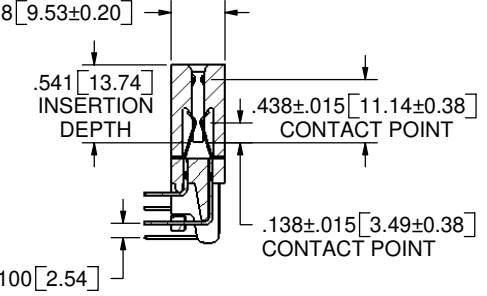
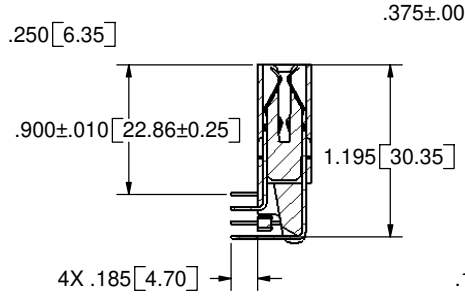
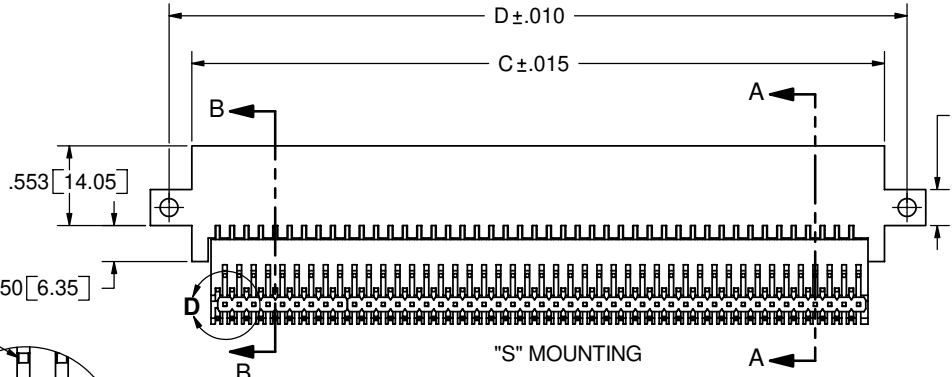
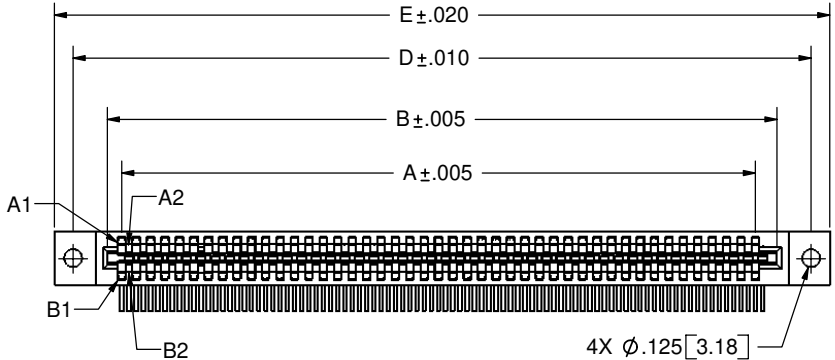


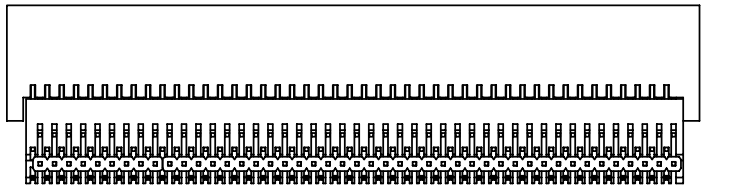
REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
A	250	ORIGINAL RELEASE	5-12-04	AN
B	391	UPDATE FORMAT, ADD TOP VIEW TO "H" MOUNTING, ADD P/N CODING	8-27-04	MNH
C	539	IN PART NUMBER CODING CHART ON PAGE 2, A_E CHANGED TO A_B	2-25-05	AN
D	556	UPDATE PRINT TO BE FOR SULLINS CUSTOMERS ONLY. SHOW ONLY CUSTOMER REQUIREMENTS	03-02-05	MNH



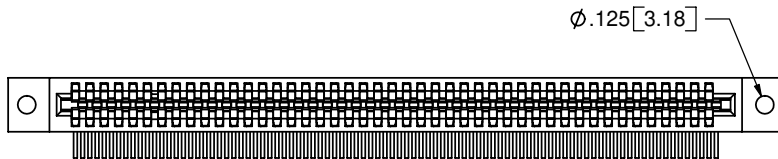
- NOTES:
1. BODY MATERIAL: BLACK POLYPHENYLENE SULFIDE
 2. CONTACT MATERIAL: BERYLLIUM COPPER
 3. CONTACT PLATING: SEE PART NUMBER CODING ON PAGE 2.
 4. UL FLAMMABILITY: 94V-0
 5. INSERTION FORCE: 6 OUNCE MAX PER CONTACT PAIR USING .062" PCB
 6. WITHDRAWL FORCE: 1 OUNCE MIN PER CONTACT PAIR USING .062" PCB
 7. PC BOARD ACCOMMODATED: .054" - .070". SEE PAGE 3 FOR POSITIONING REQUIREMENTS FOR RIGID MOUNT DAUGHTER CARDS.
 8. VOLTAGE RATING: 125 VDC MINIMUM AT SEA LEVEL
 9. CURRENT RATING: 3 AMP
 10. CONTACT RESISTANCE: 30 mV AT RATED CURRENT
 11. INSULATION RESISTANCE: 1000 MEAGA OHMS
 12. OPERATING TEMPERATURE: -65°C TO 150°C
 13. CONTACT NORMAL FORCE: 75 GRAMS MINIMUM.

PATENT NO.: US 6,790,054 B1

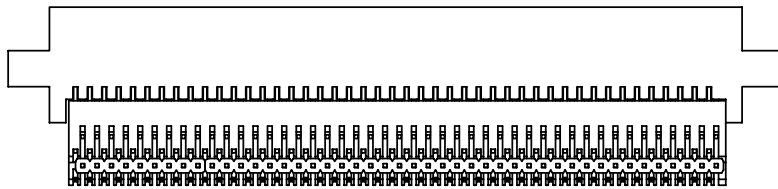
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES (MM) TOLERANCES ANGULAR: ± 1° XX = ± .02 [.508] .XXX = ± .005 [.1270] .XXXX = ± .0005 [.0127] PARENTHEICAL INFORMATION IS FOR REFERENCE ONLY	DATE	NAME	SULLINS ELECTRONICS DESCRIPTION BI, LEVEL, .050" CC PART NO. : A B_DKB SIZE DWG. NO. REV C 10214 D SCALE: 1:1 SHEET 1 OF 3
	DRAWN	5/24/2005	
INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING PER: ANSI Y14.5-1984			



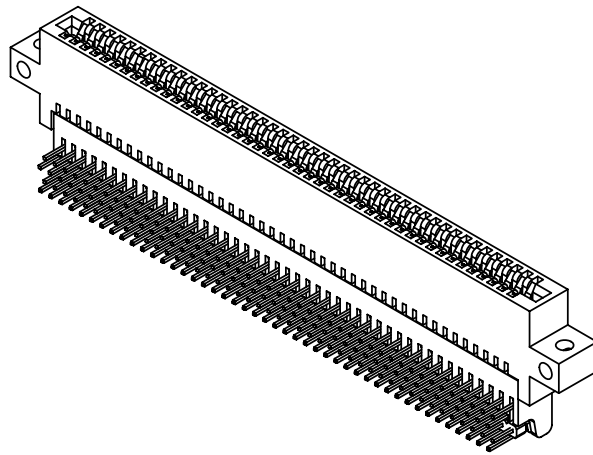
"N" MOUNTING
NO MOUNTING EARS



$\phi .125 [3.18]$



"H" MOUNTING
.250 EARS



	INCHES						MILLIMETERS						POSITIONS	MILLIMETERS						POSITIONS	DAUGHTER CARD LAYOUT
	A	B	C	D	E	F	A	B	C	D	E	F		A	B	C	D	E	F		
A_B06DKB	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	6					1		
A_B08DKB	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	8				2			
A_B10DKB	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	10				1			
A_B12DKB	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	12				2			
A_B14DKB	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	14				1			
A_B16DKB	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	16				2			
A_B18DKB	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	18				1			
A_B20DKB	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	20				2			
A_B22DKB	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	22				1			
A_B24DKB	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	24				2			
A_B26DKB	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	26				1			
A_B28DKB	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	28				2			
A_B30DKB	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	30				1			
A_B32DKB	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	32				2			
A_B34DKB	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	34				1			
A_B36DKB	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	36				2			
A_B38DKB	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	38				1			
A_B40DKB	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	40				2			
A_B42DKB	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	42				1			
A_B44DKB	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	44				2			
A_B46DKB	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	46				1			
A_B48DKB	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	48				2			
A_B50DKB	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	50				1			
A_B52DKB	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	52				2			
A_B54DKB	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	54				1			
A_B56DKB	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	56				2			
A_B58DKB	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	58				1			
A_B60DKB	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	60				2			
A_B62DKB	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	62				1			
A_B64DKB	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	64				2			
A_B66DKB	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	66				1			
A_B68DKB	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	68				2			
A_B70DKB	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	70				1			
A_B72DKB	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	72				2			
A_B74DKB	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	74				1			
A_B76DKB	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	76				2			
A_B78DKB	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	78				1			
A_B80DKB	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	80				2			
A_B82DKB	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	82				1			
A_B84DKB	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	84				2			
A_B86DKB	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	86				1			
A_B88DKB	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	88				2			
A_B90DKB	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	90				1			

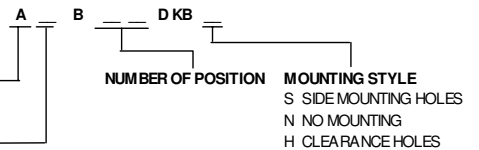
PIN CODING:

MATERIAL (Insulator/Contact)
A = PPS/Beryllium Copper

CONTACT FINISH
Y = .000030" Gold On Contact Surface
.000005" Gold On Termination
.000050" Nickel Underplate
X = .000030" Gold On Contact Surface
.000100" Tin-Lead On Termination
.000050" Nickel Underplate

B = .000010" Gold On Contact Surface
.000100" Pure TIN On Termination
.000050" Nickel Underplate
C = .000030" Gold On Contact Surface
.000100" Pure TIN On Termination
.000050" Nickel Underplate

☐ = Lead Free

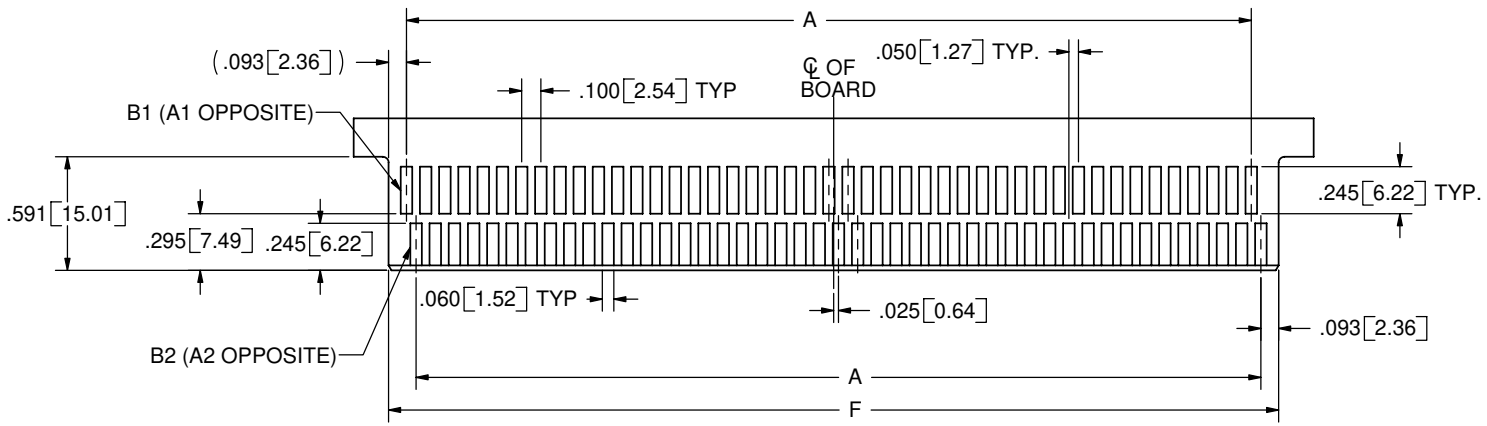


UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES [MM]
TOLERANCES:
ANGULAR: $\pm 1^\circ$
XX = $\pm .02$ [.508]
.XXX = $\pm .005$ [.1270]
XXXX = $\pm .0005$ [.0127]
PARENTHETICAL INFORMATION IS FOR REFERENCE ONLY

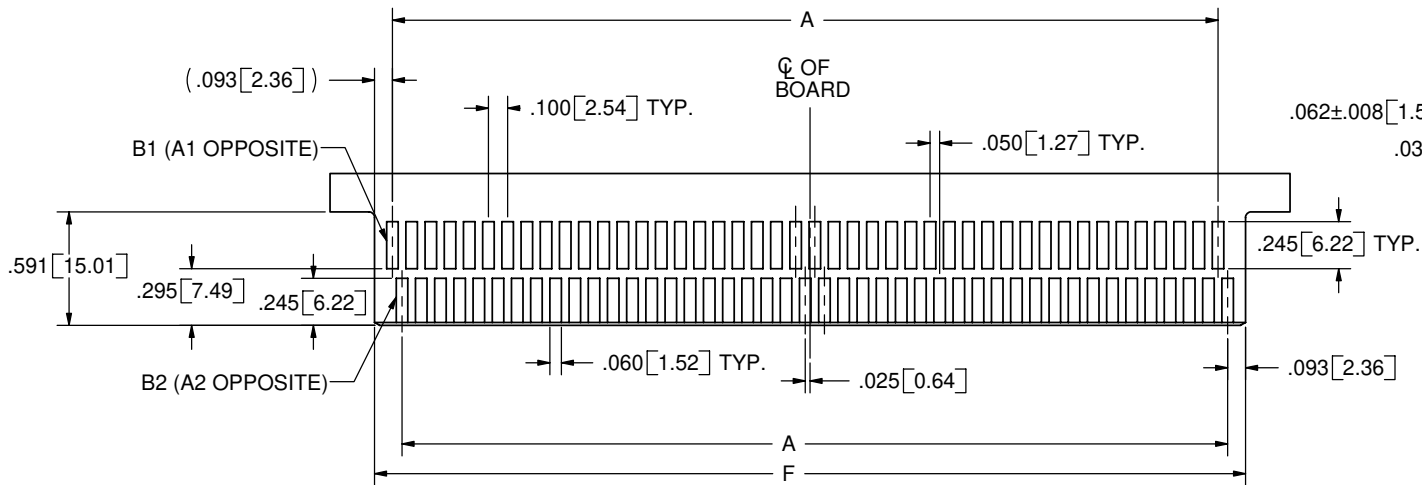
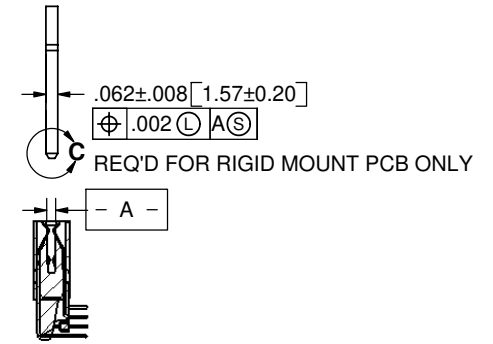
INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING PER: ANS Y14.5-1984

DATE	5/24/2005	NAME	MNH
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PART NO. : A B_DKB		REV D	
SIZE	C	DWG. NO.	10214
SCALE: 1:0.666667		SHEET 2 OF 3	

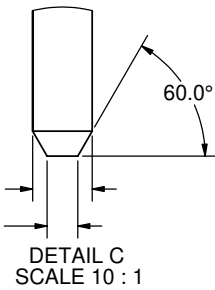
PATENT NO.: US 6,790,054 B1



DAUGHTER CARD LAYOUT NUMBER 1
90 POSITION SHOWN
REFER TO PAGE 2 TO DETERMINE LAYOUT TO USE



DAUGHTER CARD LAYOUT NUMBER 2
88 POSITION SHOWN
REFER TO PAGE 2 TO DETERMINE LAYOUT TO USE



PATENT NO.: US 6,790,054 B1

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES [MM]
TOLERANCES
ANGULAR: ± 1°
XX = ± .02 [.508]
.XXX = ± .005 [.1270]
.XXXX = ± .0005 [.0127]
PARENTHETICAL INFORMATION IS FOR
REFERENCE ONLY

INTERPRET DIMENSIONS AND GEOMETRIC
TOLERANCING
PER: ANSI Y14.5-1984

DATE	NAME
5/24/2005	MNH
DRAWN	
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SIZE	DWG. NO.	REV
C	10214	D

SULLINS ELECTRONICS	
DESCRIPTION	
BI, LEVEL, .050° CC	
PART NO.: A B DKB	

SCALE: 2:1	SHEET 3 OF 3
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