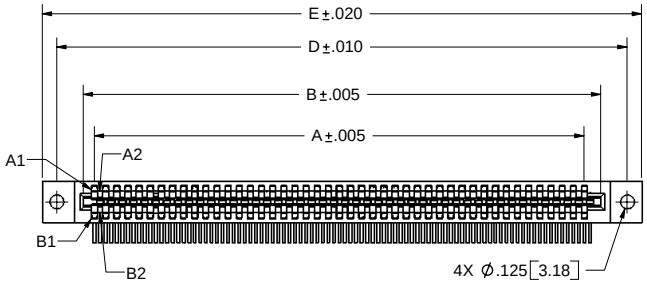
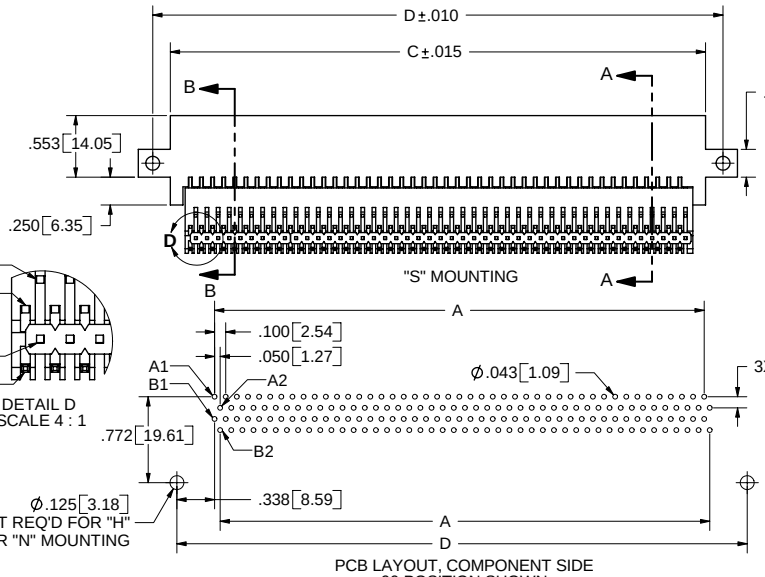
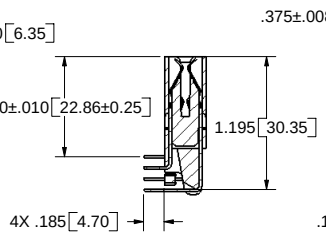
REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
A	250	ORIGINAL RELEASE	5-12-04	AN
B	391	UPDATE FORMAT, ADD TOP VIEW TO "H" MOUNTING, ADD P/N CODING	8-27-04	MNH
C	539	IN PART NUMBER CODING CHART ON PAGE 2, A_E CHANGED TO A_B	2-25-05	AN
D	556	UPDATE PRINT TO BE FOR SULLINS CUSTOMERS ONLY. SHOW ONLY CUSTOMER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



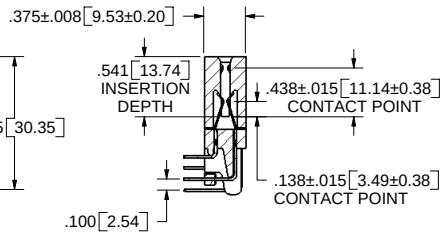


DETAIL D
SCALE 4 : 1

PCB LAYOUT, COMPONENT SIDE
90 POSITION SHOWN



SECTION B-B
SCALE 1.5 : 1



SECTION A-A
SCALE 1.5 : 1

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 POSTIONING 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]
PARENTHETICAL INFORMATION IS FOR REFERENCE ONLY

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

	DATE	NAME
DRAWN	5/24/2005	MNH

SULLINS ELECTRONICS

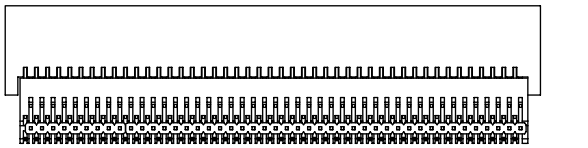
DESCRIPTION: BI, LEVEL, .050" CC

PART NO. :A_B_ _ DKB_

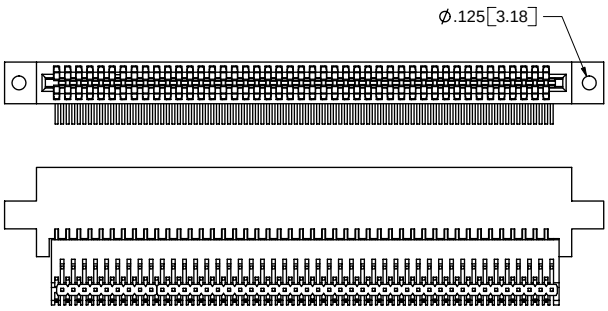
SIZE: C | DWG. NO. 10214 | REV D

SCALE: 1:1 | SHEET 1 OF 3

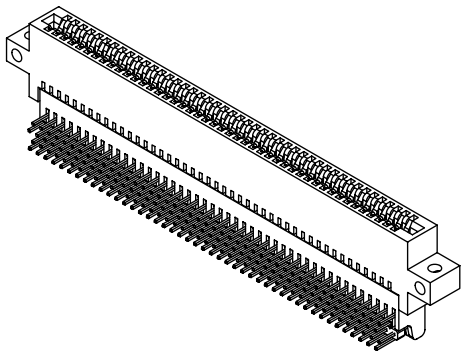
FILE NAME: G:\Components\Part Assemblies\10214, A_B_ _DKB_



"N" MOUNTING
NO MOUNTING EARS



"H" MOUNTING
.250 EARS



	INCHES							MILLIMETERS							DAUGHTER CARD LAYOUT
	A	B	C	D	E	F	POSITIONS	A	B	C	D	E	F	POSITIONS	
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

P/N CODING: **A** **B** **DKB**

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

NUMBER OF POSITION

MOUNTING STYLE
S SIDE MOUNTING HOLES
N NO MOUNTING
H CLEARANCE HOLES

= Lead Free

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
DRAWN	5/24/2005	MNH

SULLINS ELECTRONICS

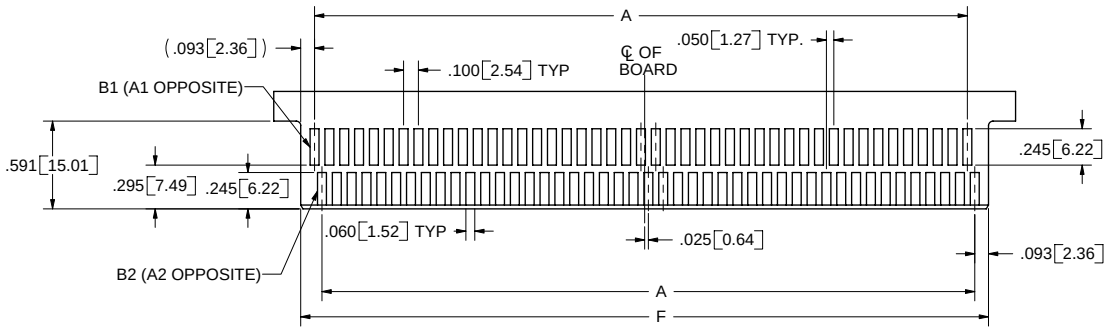
DESCRIPTION: BI, LEVEL, .050" CC

PART NO. :A_B_ _ DKB_

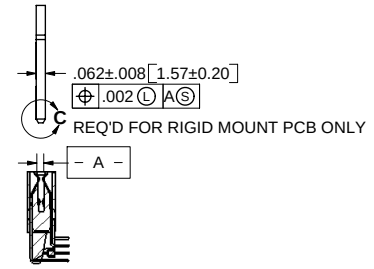
SIZE: C | DWG. NO.: 10214 | REV: D

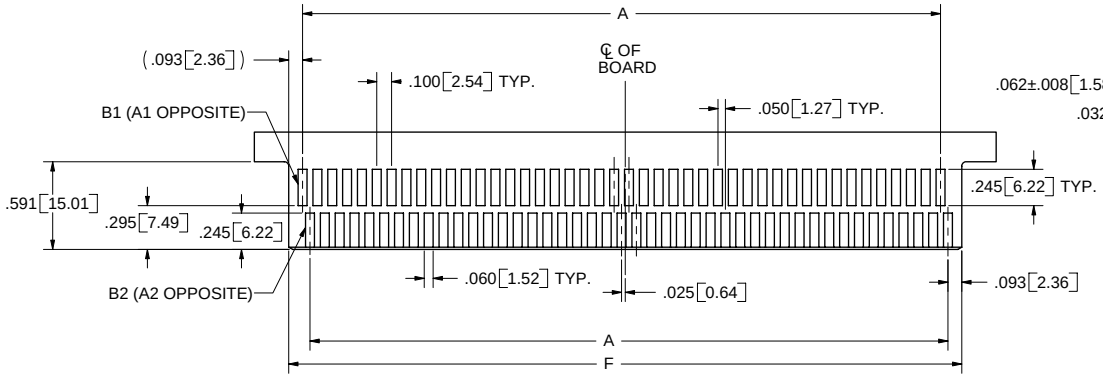
SCALE: 1:0.666667 | SHEET 2 OF 3

FILE NAME: G:\Components\Part Assemblies\10214, A_B_ _DKB_

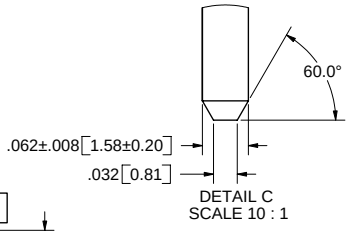


DAUGHTER CARD LAYOUT NUMBER 1
90 POSITION SHOWN
REFER TO PAGE 2 TO DETERMINE LAYOUT TO USE





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



DETAIL C
SCALE 10 : 1

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
DRAWN	5/24/2005	MNH

SULLINS ELECTRONICS

DESCRIPTION: BI, LEVEL, .050" CC

PART NO. :A_B_ _ DKB_

SIZE	DWG. NO.	REV
C	10214	D

SCALE: 2:1 | SHEET 3 OF 3

PATENT NO.: US 6,790,054 B1

FILE NAME: G:\Components\Part Assemblies\10214, A_B_ _DKB_