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NOTES:

1) MATERIALS:

HOUSING- LCP, GLASS FILLED, 94V-0, BLACK.

TERMINALS- COPPER ALLOY

METAL PEGS- COPPER ALLOY

2) FINISH:

TERMINALS:

.000030/(0.00076) MINIMUM GOLD IN CONTACT AREA OVER

.000050/(0.00127) MINIMUM TIN IN TAIL AREA OVER

.000075/(0.00191) MINIMUM NICKEL UNDERPLATE OVERALL.

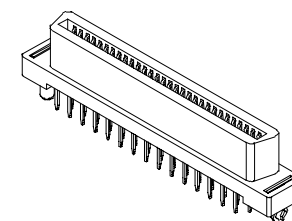
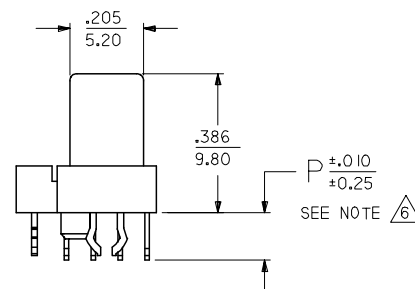
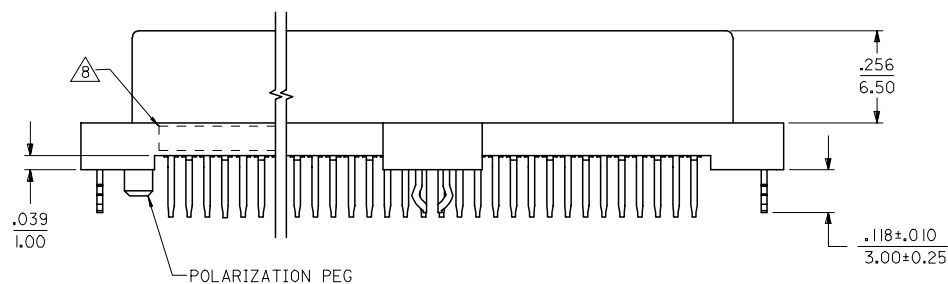
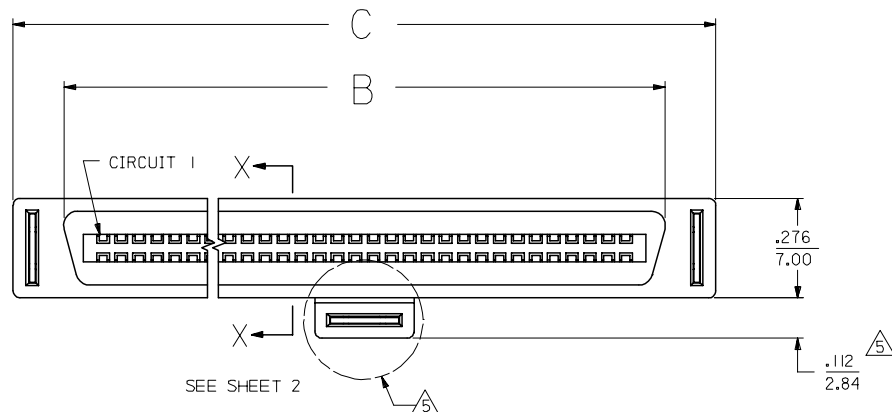
3) ASSEMBLY MATES WITH MOLEX P/N SDA-71661-****.

4) CONFORMS TO PRODUCT SPECIFICATION PS-71660.

△5 CENTER PEG IS ONLY ON 120 AND 130 CIRCUIT ASSEMBLIES.

△6 TAIL LENGTH ON FIRST MATE CONTACTS IS APPROXIMATELY
.010 INCH/0.25 MM SHORTER THAN THE TAIL LENGTH SPECIFIED.△7 CONNECTOR WILL ACCEPT MATING TO A P.C. BOARD WITH
A THICKNESS OF .062±.003.△8 FOUR DIGIT DATE CODE (WK YR), EXAMPLE => 26 96
LOCATED IN AREA INDICATED.

△9 SEE CHART FOR PACKAGING INFORMATION.

60 CIRCUIT ASSEMBLY SHOWN
SCALE 2:1

3	0
2	0
1	0
SHT	REV

UPDATE BORDER EC NO: UCP2007-0935 DRAWN BY: 2006/11/06 CHKD: MIBARRA 2006/11/06 APPR: SMILLER 2006/11/07 REV:	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION		
					IN/MM		4:1	INCH			
			4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE			
			3 PLACES	± ---	± .005	CHECKED BY	DATE				
			2 PLACES	± 0.13	± .010	RAN	6/15/92	SALES ASSEMBLY MOLEX EBBI 50D VERTICAL RECEPTACLE CONNECTOR			
			1 PLACE	± 0.25	± ---	APPROVED BY	DATE				
			ANGULAR		± 1/2°	CAB	6/15/92	molex MOLEX INCORPORATED			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		DOCUMENT NO.			SHEET NO.	
					SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			1 OF 3	

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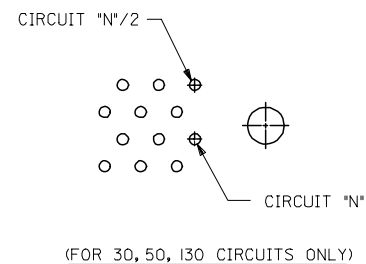
5

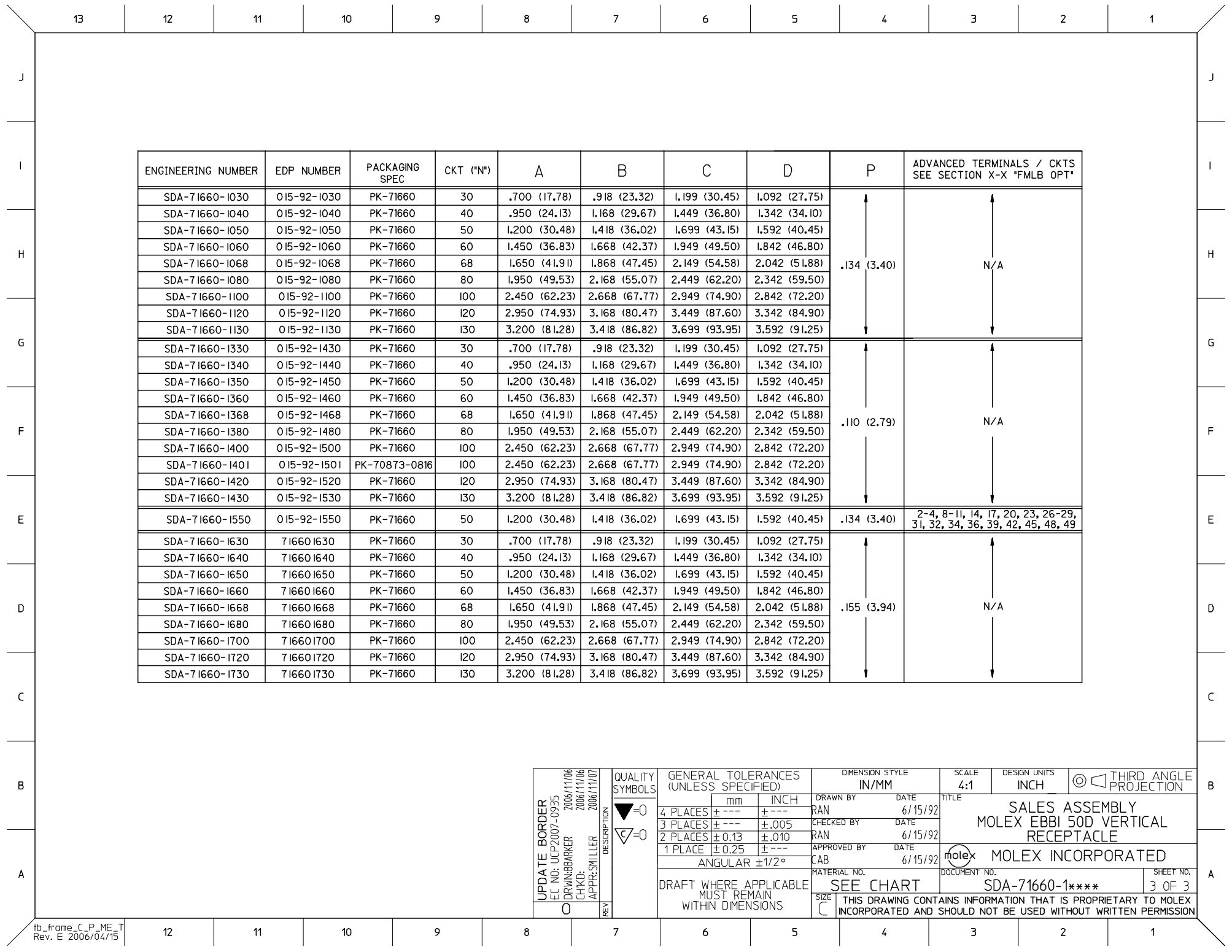
4

3

2

1





ENGINEERING NUMBER	EDP NUMBER	PACKAGING SPEC	CKT (*N*)	A	B	C	D	P	ADVANCED TERMINALS / CKTS SEE SECTION X-X *FMLB OPT*
SDA-7 I660- I030	0 I5-92- I030	PK-7 I660	30	.700 (17.78)	.918 (23.32)	1.199 (30.45)	1.092 (27.75)	.134 (3.40)	N/A
SDA-7 I660- I040	0 I5-92- I040	PK-7 I660	40	.950 (24.13)	1.168 (29.67)	1.449 (36.80)	1.342 (34.10)		
SDA-7 I660- I050	0 I5-92- I050	PK-7 I660	50	1.200 (30.48)	1.418 (36.02)	1.699 (43.15)	1.592 (40.45)		
SDA-7 I660- I060	0 I5-92- I060	PK-7 I660	60	1.450 (36.83)	1.668 (42.37)	1.949 (49.50)	1.842 (46.80)		
SDA-7 I660- I068	0 I5-92- I068	PK-7 I660	68	1.650 (41.91)	1.868 (47.45)	2.149 (54.58)	2.042 (51.88)		
SDA-7 I660- I080	0 I5-92- I080	PK-7 I660	80	1.950 (49.53)	2.168 (55.07)	2.449 (62.20)	2.342 (59.50)		
SDA-7 I660- I100	0 I5-92- I100	PK-7 I660	100	2.450 (62.23)	2.668 (67.77)	2.949 (74.90)	2.842 (72.20)		
SDA-7 I660- I120	0 I5-92- I120	PK-7 I660	120	2.950 (74.93)	3.168 (80.47)	3.449 (87.60)	3.342 (84.90)		
SDA-7 I660- I130	0 I5-92- I130	PK-7 I660	130	3.200 (81.28)	3.418 (86.82)	3.699 (93.95)	3.592 (91.25)	.110 (2.79)	N/A
SDA-7 I660- I330	0 I5-92- I430	PK-7 I660	30	.700 (17.78)	.918 (23.32)	1.199 (30.45)	1.092 (27.75)		
SDA-7 I660- I340	0 I5-92- I440	PK-7 I660	40	.950 (24.13)	1.168 (29.67)	1.449 (36.80)	1.342 (34.10)		
SDA-7 I660- I350	0 I5-92- I450	PK-7 I660	50	1.200 (30.48)	1.418 (36.02)	1.699 (43.15)	1.592 (40.45)		
SDA-7 I660- I360	0 I5-92- I460	PK-7 I660	60	1.450 (36.83)	1.668 (42.37)	1.949 (49.50)	1.842 (46.80)		
SDA-7 I660- I368	0 I5-92- I468	PK-7 I660	68	1.650 (41.91)	1.868 (47.45)	2.149 (54.58)	2.042 (51.88)		
SDA-7 I660- I380	0 I5-92- I480	PK-7 I660	80	1.950 (49.53)	2.168 (55.07)	2.449 (62.20)	2.342 (59.50)		
SDA-7 I660- I400	0 I5-92- I500	PK-7 I660	100	2.450 (62.23)	2.668 (67.77)	2.949 (74.90)	2.842 (72.20)		
SDA-7 I660- I40 I	0 I5-92- I50 I	PK-70873-08 I6	100	2.450 (62.23)	2.668 (67.77)	2.949 (74.90)	2.842 (72.20)	.134 (3.40)	2-4, 8-11, 14, 17, 20, 23, 26-29, 31, 32, 34, 36, 39, 42, 45, 48, 49
SDA-7 I660- I420	0 I5-92- I520	PK-7 I660	120	2.950 (74.93)	3.168 (80.47)	3.449 (87.60)	3.342 (84.90)		
SDA-7 I660- I430	0 I5-92- I530	PK-7 I660	130	3.200 (81.28)	3.418 (86.82)	3.699 (93.95)	3.592 (91.25)		
SDA-7 I660- I550	0 I5-92- I550	PK-7 I660	50	1.200 (30.48)	1.418 (36.02)	1.699 (43.15)	1.592 (40.45)		
SDA-7 I660- I630	7 I660 I630	PK-7 I660	30	.700 (17.78)	.918 (23.32)	1.199 (30.45)	1.092 (27.75)	.155 (3.94)	N/A
SDA-7 I660- I640	7 I660 I640	PK-7 I660	40	.950 (24.13)	1.168 (29.67)	1.449 (36.80)	1.342 (34.10)		
SDA-7 I660- I650	7 I660 I650	PK-7 I660	50	1.200 (30.48)	1.418 (36.02)	1.699 (43.15)	1.592 (40.45)		
SDA-7 I660- I660	7 I660 I660	PK-7 I660	60	1.450 (36.83)	1.668 (42.37)	1.949 (49.50)	1.842 (46.80)		
SDA-7 I660- I668	7 I660 I668	PK-7 I660	68	1.650 (41.91)	1.868 (47.45)	2.149 (54.58)	2.042 (51.88)		
SDA-7 I660- I680	7 I660 I680	PK-7 I660	80	1.950 (49.53)	2.168 (55.07)	2.449 (62.20)	2.342 (59.50)		
SDA-7 I660- I700	7 I660 I700	PK-7 I660	100	2.450 (62.23)	2.668 (67.77)	2.949 (74.90)	2.842 (72.20)		
SDA-7 I660- I720	7 I660 I720	PK-7 I660	120	2.950 (74.93)	3.168 (80.47)	3.449 (87.60)	3.342 (84.90)		
SDA-7 I660- I730	7 I660 I730	PK-7 I660	130	3.200 (81.28)	3.418 (86.82)	3.699 (93.95)	3.592 (91.25)		

UPDATE BORDER
EC NO: UCP2007-0935
DRAWN BY: 2006/11/06
CHKD: 2006/11/06
APPR: MILLER
REV: 2006/11/07

DESCRIPTION

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± .005
2 PLACES ± 0.13 ± .010
1 PLACE ± 0.25 ± ---
ANGULAR ±1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM

DRAWN BY DATE
RAN 6/15/92

CHECKED BY DATE
RAN 6/15/92

APPROVED BY DATE
CAB 6/15/92

MATERIAL NO.

SIZE
C

SCALE
4:1

DESIGN UNITS
INCH

THIRD ANGLE PROJECTION

SALES ASSEMBLY
MOLEX EBBI 50D VERTICAL
RECEPTACLE

MOLEX INCORPORATED

SDA-71660-1****

SHEET NO.
3 OF 3

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