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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.

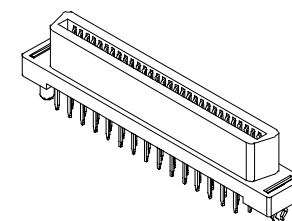
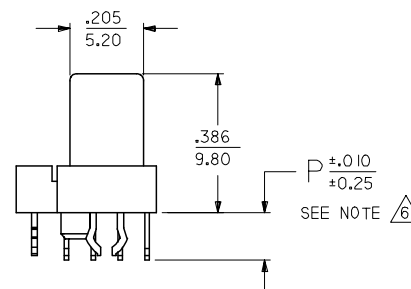
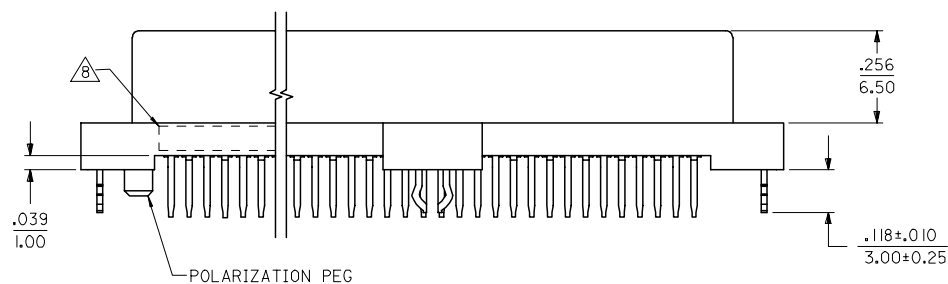
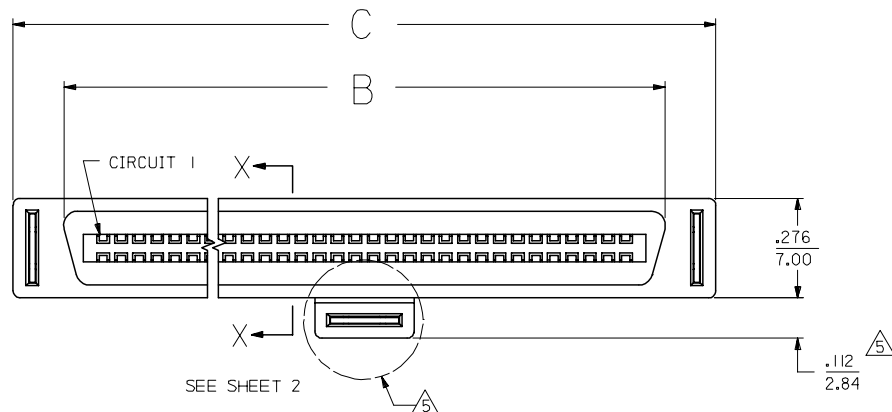
3) ASSEMBLY MATES WITH MOLEX P/N SDA-71661-****.

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	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
		mm		INCH	DRAWN BY	DATE	SALES ASSEMBLY MOLEX EBBI 50D VERTICAL RECEPTACLE CONNECTOR				
		4 PLACES ± ---		± ---	RAN	6/15/92					
		3 PLACES ± ---		± .005	CHECKED BY	DATE	MOLEX INCORPORATED				
		2 PLACES ± 0.13		± .010	RAN	6/15/92					
		1 PLACE ± 0.25		± ---	APPROVED BY	DATE	SDA-71660-1***				
		ANGULAR ± 1/2°		CAB	6/15/92						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
				SEE TABLE				1 OF 3			
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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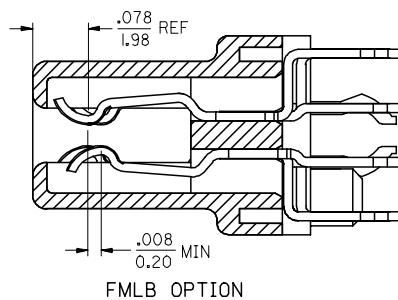
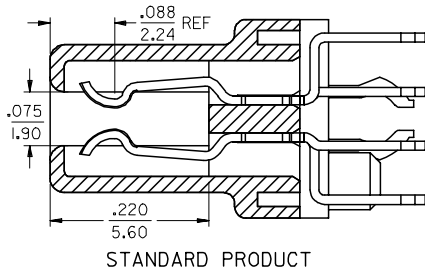
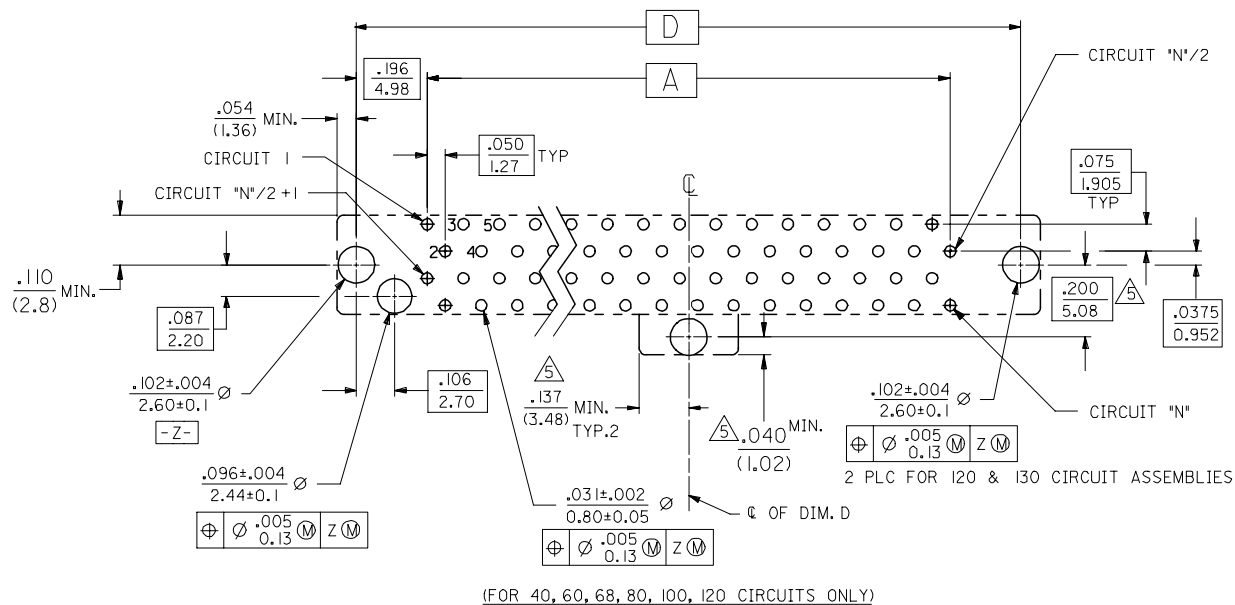
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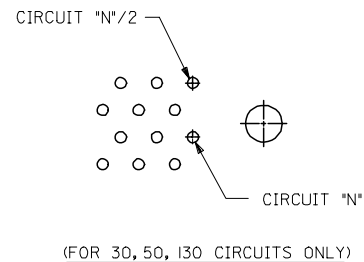
2

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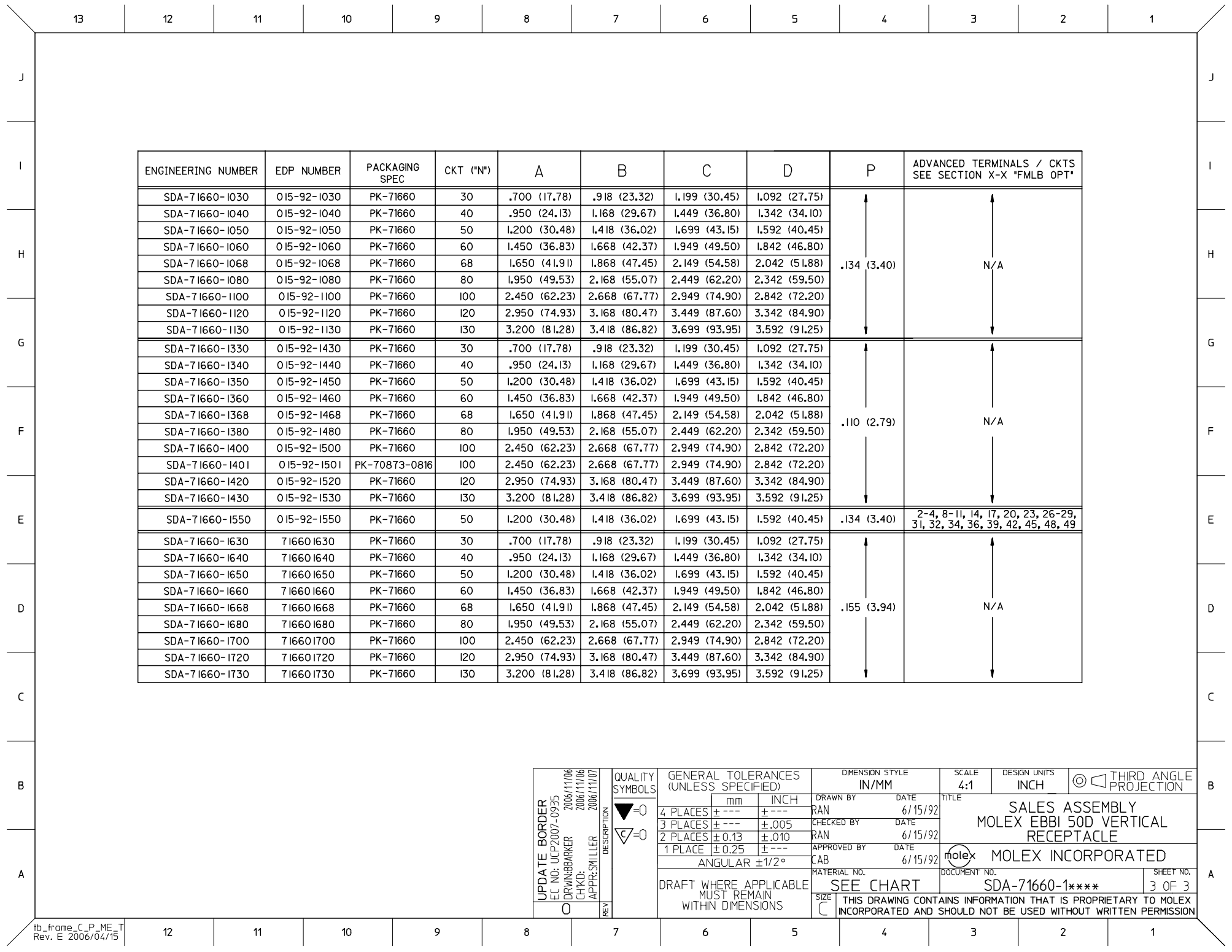


SECTION X-X
SCALE - 8:1

RECOMMENDED PC BOARD LAYOUT COMPONENT SIDE



UPDATE BORDER EC NO: UCP2007-0935 DRAWN BY: 2006/11/06 CHKD: MIBARRA 2006/11/06 APPR: SMILLER 2006/11/07	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY	DATE	TITLE SALES ASSEMBLY MOLEX EBBI 50D VERTICAL RECEPTACLE			
			4 PLACES	± .005	± .005	CHECKED BY	DATE				
			3 PLACES	± .010	± .010	RAN	6/15/92	MOLEX INCORPORATED			
			2 PLACES	± 0.13	± .010	APPROVED BY	DATE				
REV O		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	1 PLACE	± 0.25	± .010	CAB	6/15/92	MATERIAL NO.		DOCUMENT NO.	SHEET NO.
			ANGULAR		± 1/2°	SEE CHART		SDA-71660-1***		2 OF 3	
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



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- I401	0 I5-92- I501	PK-70873-0816	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: BARKER 2006/11/06
CHKD: 2006/11/06
APPR: MILLER 2006/11/07
REV

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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INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION