

60 CIRCUIT ASSEMBLY SHOWN  
SCALE 2:1

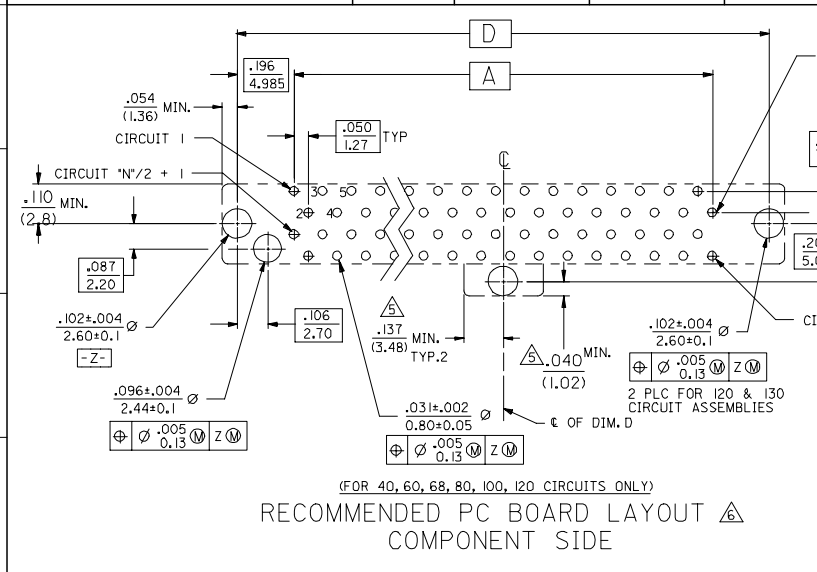
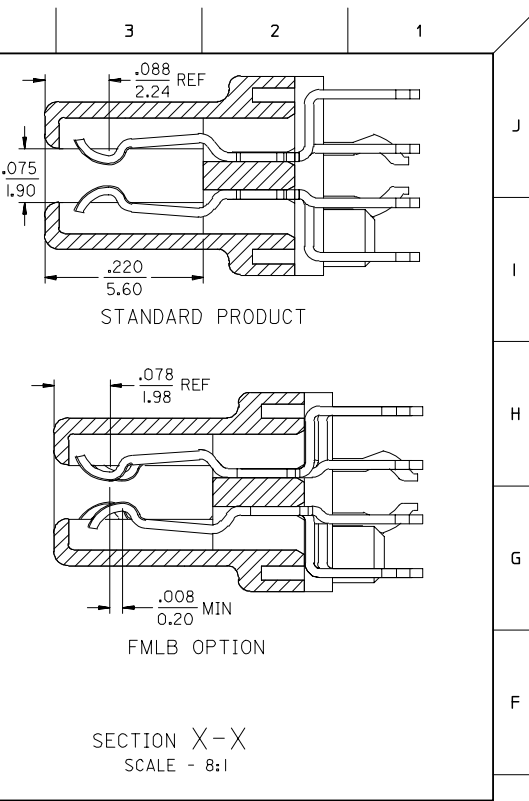
NOTES:

- 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 I20 AND I30 CIRCUIT ASSEMBLIES.
- 6) RECOMMENDED P.C. BOARD THICKNESS IS .062 (1.6).
- 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) PRODUCT TO BE PACKAGED IN TUBES

2	C
1	C
SHT	REV

ADD 71660-9980 EC NO: UCP2007-0593 DRWNS:IBARRA 2006/09/27 CHKD:DMORGAN 2006/09/26 APPR:SMILLER 2006/09/27 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0 ▽=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ±.005 2 PLACES ± 0.13 ±.01 1 PLACE ± 0.25 ± --- ANGULAR ±1/2°	IN/MM	4:1	INCH	DRAWN BY DATE RKADAMS 08/11/2004 CHECKED BY DATE BBARKER 08/11/2004 APPROVED BY DATE SMILLER 08/11/2004 MATERIAL NO. SEE TABLE DOCUMENT NO. SD-71660-006 SHEET NO. 1 OF 2
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SALES ASSEMBLY MOLEX EBBI 50D VERTICAL RECEPTACLE CONNECTOR MOLEX INCORPORATED
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

	13	12	11	10	9	8	7	6	5	4	3	2	1	
	ITEM NUMBER		CKT ('N')	A	B	C	D	P	ADVANCED TERMINALS / CKTS SEE SECTION X-X "FMLB OPT"					
J			30	.700 (17.78)	.918 (23.32)	1.199 (30.45)	1.092 (27.75)	↑	↑					
			40	.950 (24.13)	1.168 (29.67)	1.449 (36.80)	1.342 (34.10)							
			50	1.200 (30.48)	1.418 (36.02)	1.699 (43.15)	1.592 (40.45)							
	71660-9960		60	1.450 (36.83)	1.668 (42.37)	1.949 (49.50)	1.842 (46.80)							
	71660-9968		68	1.650 (41.91)	1.868 (47.45)	2.149 (54.58)	2.042 (51.88)							
	71660-9980		80	1.950 (49.53)	2.168 (55.07)	2.449 (62.20)	2.342 (59.50)							
I			100	2.450 (62.23)	2.668 (67.77)	2.949 (74.90)	2.842 (72.20)	↓	↓					
			120	2.950 (74.93)	3.168 (80.47)	3.449 (87.60)	3.342 (84.90)							
			130	3.200 (81.28)	3.418 (86.82)	3.699 (93.95)	3.592 (91.25)							
	71660-1450		30	.700 (17.78)	.918 (23.32)	1.199 (30.45)	1.092 (27.75)							
			40	.950 (24.13)	1.168 (29.67)	1.449 (36.80)	1.342 (34.10)							
			50	1.200 (30.48)	1.418 (36.02)	1.699 (43.15)	1.592 (40.45)							
H			60	1.450 (36.83)	1.668 (42.37)	1.949 (49.50)	1.842 (46.80)	↑	↑					
			68	1.650 (41.91)	1.868 (47.45)	2.149 (54.58)	2.042 (51.88)							
			80	1.950 (49.53)	2.168 (55.07)	2.449 (62.20)	2.342 (59.50)							
	71660-1863		100	2.450 (62.23)	2.668 (67.77)	2.949 (74.90)	2.842 (72.20)							
			120	2.950 (74.93)	3.168 (80.47)	3.449 (87.60)	3.342 (84.90)							
	71660-1083		130	3.200 (81.28)	3.418 (86.82)	3.699 (93.95)	3.592 (91.25)							
G			50	1.200 (30.48)	1.418 (36.02)	1.699 (43.15)	1.592 (40.45)	↓	↓					
			60	1.450 (36.83)	1.668 (42.37)	1.949 (49.50)	1.842 (46.80)							
			68	1.650 (41.91)	1.868 (47.45)	2.149 (54.58)	2.042 (51.88)							
			80	1.950 (49.53)	2.168 (55.07)	2.449 (62.20)	2.342 (59.50)							
	71660-1491		100	2.450 (62.23)	2.668 (67.77)	2.949 (74.90)	2.842 (72.20)							
			120	2.950 (74.93)	3.168 (80.47)	3.449 (87.60)	3.342 (84.90)							
F			130	3.200 (81.28)	3.418 (86.82)	3.699 (93.95)	3.592 (91.25)	↑	↑					
			50	1.200 (30.48)	1.418 (36.02)	1.699 (43.15)	1.592 (40.45)							
			30	.700 (17.78)	.918 (23.32)	1.199 (30.45)	1.092 (27.75)							
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			50	1.200 (30.48)	1.418 (36.02)	1.699 (43.15)	1.592 (40.45)							
			60	1.450 (36.83)	1.668 (42.37)	1.949 (49.50)	1.842 (46.80)							
E			68	1.650 (41.91)	1.868 (47.45)	2.149 (54.58)	2.042 (51.88)	↓	↓					
			80	1.950 (49.53)	2.168 (55.07)	2.449 (62.20)	2.342 (59.50)							
			100	2.450 (62.23)	2.668 (67.77)	2.949 (74.90)	2.842 (72.20)							
			120	2.950 (74.93)	3.168 (80.47)	3.449 (87.60)	3.342 (84.90)							
			130	3.200 (81.28)	3.418 (86.82)	3.699 (93.95)	3.592 (91.25)							
			50	1.200 (30.48)	1.418 (36.02)	1.699 (43.15)	1.592 (40.45)							



QUALITY SYMBOLS	▽=0	▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
	▽=0	▽=0	mm	INCH	IN/MM	4:1	INCH				
DRAWN BY CHKD BY APPR: SMILLER	4 PLACES	±	---	±	---	DRAWN BY	DATE	TITLE			
	3 PLACES	±	---	±	.005	RKADAMS	08/11/2004	SALES ASSEMBLY			
	2 PLACES	±	0.13	±	.01	BBARKER	08/11/2004	MOLEX EBBI 50D VERTICAL			
	1 PLACE	±	0.25	±	---	APPROVED BY	DATE	RECEPTACLE CONNECTOR			
MATERIAL NO.	ANGULAR		±1/2°		SMILLER		08/11/2004	MOLEX INCORPORATED			
	SEE TABLE		MATERIAL NO.		DOCUMENT NO.		SHEET NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SD-71660-006		2					