

13

12

11

10

9

8

7

6

5

4

3

2

1

J

I

H

G

F

E

D

C

B

A

J

I

H

G

F

E

D

C

B

A

## 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.

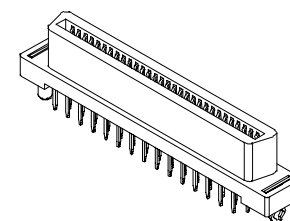
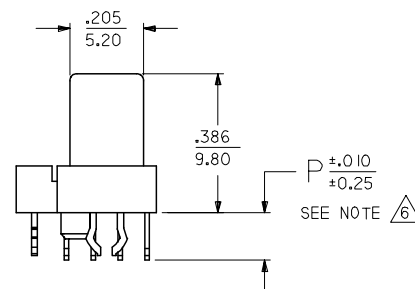
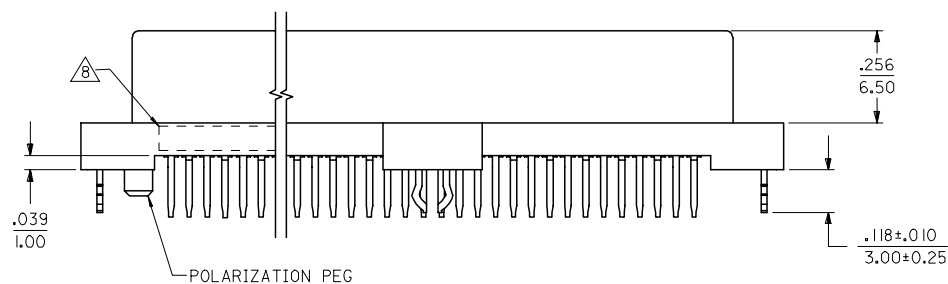
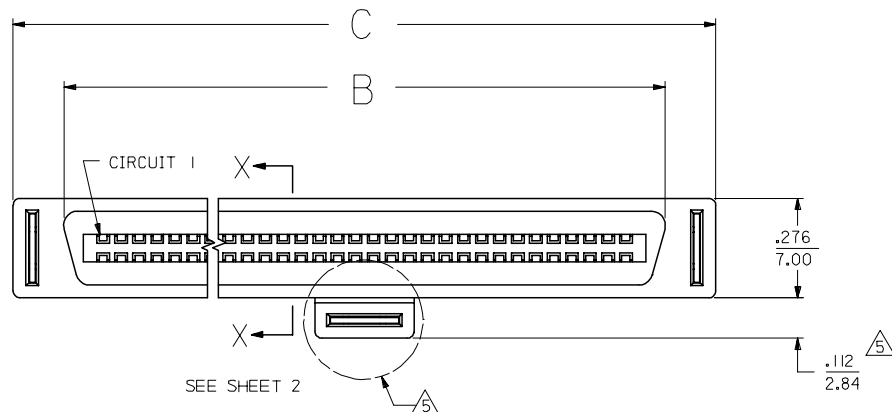
## 3) ASSEMBLY MATES WITH MOLEX P/N SDA-71661-\*\*\*\*.

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

12

11

10

9

8

7

6

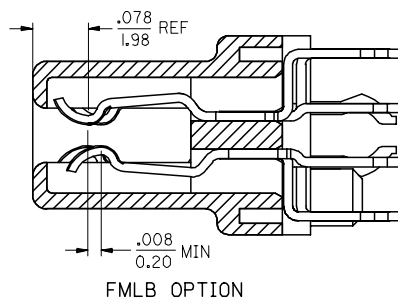
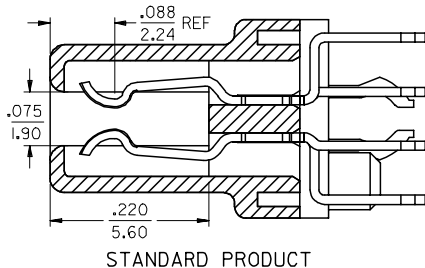
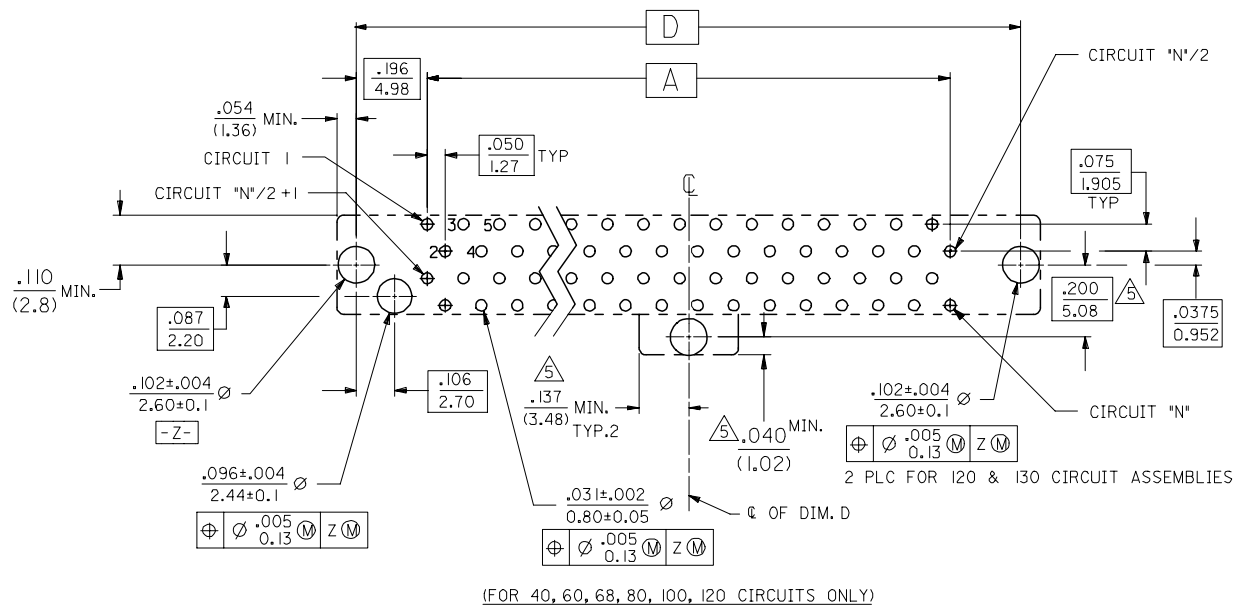
5

4

3

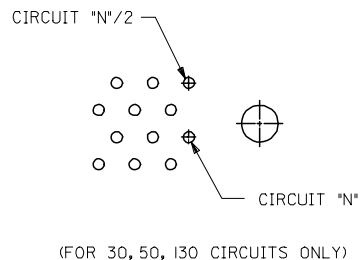
2

1

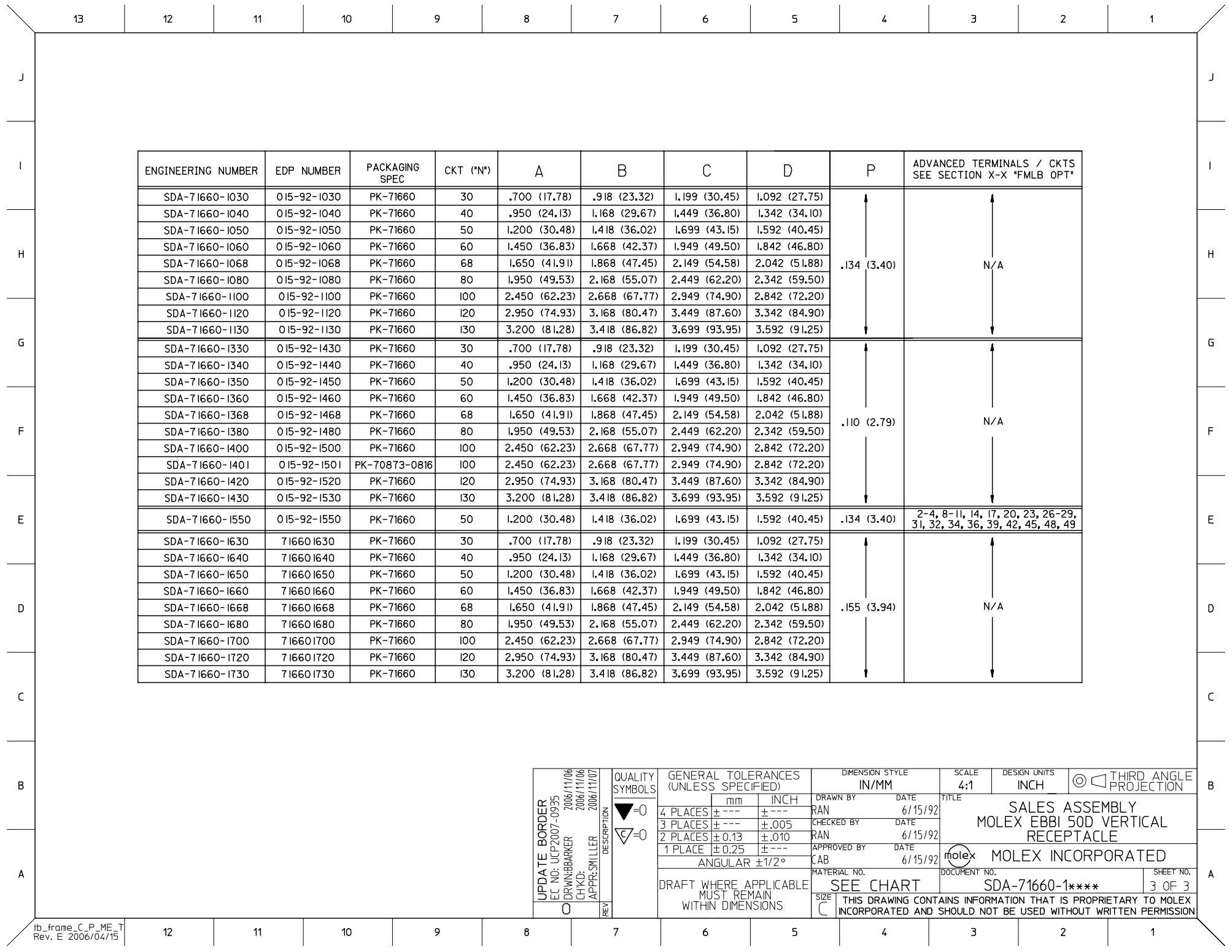


SECTION X-X  
SCALE - 8:1

## RECOMMENDED PC BOARD LAYOUT COMPONENT SIDE



|                                                                                                                      |             |                                                            |                                       |        |                                                                                                                               |                    |                 |                                                                            |                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------|---------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| UPDATE BORDER<br>EC NO: UCP2007-0935<br>DRAWN BY: 2006/11/06<br>CHKD: MIBARRA 2006/11/06<br>APPR: SMILLER 2006/11/07 | DESCRIPTION | QUALITY SYMBOLS<br><br>▽=0<br>▽=0                          | GENERAL TOLERANCES (UNLESS SPECIFIED) |        | DIMENSION STYLE<br>IN/MM                                                                                                      |                    | SCALE<br>4:1    | DESIGN UNITS<br>INCH                                                       |  THIRD ANGLE PROJECTION |
|                                                                                                                      |             |                                                            |                                       | mm     | INCH                                                                                                                          | DRAWN BY<br>RAN    | DATE<br>6/15/92 | SALES ASSEMBLY<br>MOLEX EBBI 50D VERTICAL RECEPTACLE<br>MOLEX INCORPORATED |                                                                                                              |
|                                                                                                                      |             |                                                            | 4 PLACES                              | ± .005 | ± .005                                                                                                                        | CHECKED BY<br>RAN  | DATE<br>6/15/92 |                                                                            |                                                                                                              |
|                                                                                                                      |             |                                                            | 3 PLACES                              | ± .010 | ± .010                                                                                                                        | APPROVED BY<br>CAB | DATE<br>6/15/92 |                                                                            |                                                                                                              |
|                                                                                                                      |             |                                                            | 2 PLACES                              | ± 0.13 | ± .010                                                                                                                        | MATERIAL NO.       | DOCUMENT NO.    |                                                                            |                                                                                                              |
| O<br>REV                                                                                                             | REV         | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS | ANGULAR ±1/2°                         |        | SEE CHART                                                                                                                     |                    | SDA-71660-1***  |                                                                            | SHEET NO.<br>2 OF 3                                                                                          |
|                                                                                                                      |             |                                                            | SIZE C                                |        | 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<br>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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX  
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.