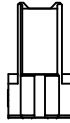
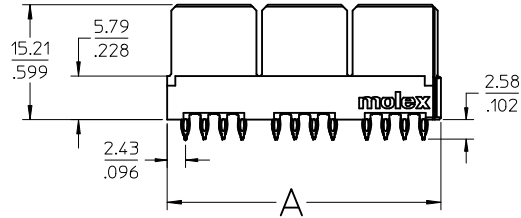
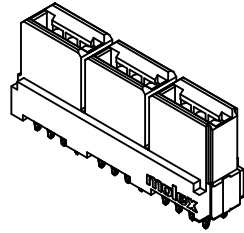
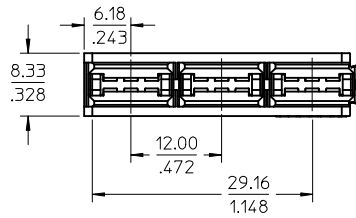


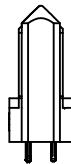
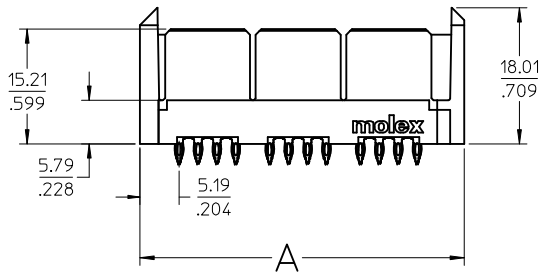
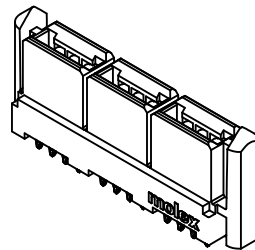
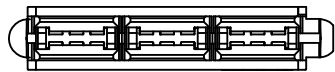
## P/N 46112-601 SHOWN



## NOTES:

1. MATERIAL: HOUSING: LCP, 94-V0, COLOR: BLACK.  
POWER CONTACTS: COPPER ALLOY.  
SIGNAL CONTACTS: MODIFIED TIN BRASS.
2. FINISH: SELECT GOLD - 0.75  $\mu$ M/30  $\mu$  INCHES  
SELECTED TIN - 1.91  $\mu$ M/75  $\mu$  INCHES  
OR SELECTED TIN-LEAD - 1.91  $\mu$ M/75  $\mu$  INCHES  
BOTH OVER NICKEL - 1.25  $\mu$ M/50  $\mu$  INCHES
3. POWER CONTACTS ARE LUBRICATED IN CONTACT AREA.
4. PARTS ARE RoHS COMPLIANT.
5. MATES TO MOLEX P/N 45985-SERIES OR EDGE CARD 1.57/.062.
6. PRODUCT SPECIFICATION PS-46114-001.
7. PACKAGING: PER PK-46114-003.

## P/N 46112-603 SHOWN



## POWER HOUSING ASSY W/ INTERLOCK

| NO OF<br>CKT | MATERIAL<br>NUMBER | COMPLIANT PIN<br>PLATING | DIM<br>A    | DIM B<br>SEE SHT 2 | DIM C<br>SEE SHT 2 |
|--------------|--------------------|--------------------------|-------------|--------------------|--------------------|
| 2            | 46112-0201         | TIN                      | 12.24/1.482 | 12.75/1.502        | 2.69/1.106         |
|              | 46112-0205         | TIN-LEAD                 |             |                    |                    |
| 4            | 46112-0401         | TIN                      | 24.24/1.954 | 24.74/1.974        |                    |
|              | 46112-0405         | TIN-LEAD                 |             |                    |                    |
| 6            | 46112-0601         | TIN                      | 36.24/1.427 | 36.75/1.447        |                    |
|              | 46112-0605         | TIN-LEAD                 |             |                    |                    |
| 8            | 46112-0801         | TIN                      | 48.24/1.899 | 48.74/1.919        |                    |
|              | 46112-0805         | TIN-LEAD                 |             |                    |                    |
| 10           | 46112-1001         | TIN                      | 60.24/2.372 | 60.76/2.392        |                    |
|              | 46112-1005         | TIN-LEAD                 |             |                    |                    |
| 12           | 46112-1201         | TIN                      | 75.00/2.953 | 75.51/2.973        |                    |
|              | 46112-1205         | TIN-LEAD                 |             |                    |                    |
| 14           | 46112-1401         | TIN                      | 84.24/3.317 | 84.76/3.337        |                    |
|              | 46112-1405         | TIN-LEAD                 |             |                    |                    |

## POWER HOUSING ASSY WITH (2) GUIDES

| NO OF<br>CKT | MATERIAL<br>NUMBER | COMPLIANT PIN<br>PLATING | DIM<br>A    | DIM<br>B    | DIM<br>C  |
|--------------|--------------------|--------------------------|-------------|-------------|-----------|
| 2            | 46112-0203         | TIN                      | 18.94/1.746 | 19.46/1.766 | 5.45/2.15 |
|              | 46112-0206         | TIN-LEAD                 |             |             |           |
| 4            | 46112-0403         | TIN                      | 30.94/1.218 | 31.45/1.238 |           |
|              | 46112-0406         | TIN-LEAD                 |             |             |           |
| 6            | 46112-0603         | TIN                      | 42.94/1.691 | 43.46/1.711 |           |
|              | 46112-0606         | TIN-LEAD                 |             |             |           |
| 8            | 46112-0803         | TIN                      | 54.94/2.163 | 55.45/2.183 |           |
|              | 46112-0806         | TIN-LEAD                 |             |             |           |
| 10           | 46112-1003         | TIN                      | 66.94/2.635 | 67.44/2.655 |           |
|              | 46112-1006         | TIN-LEAD                 |             |             |           |
| 12           | 46112-1203         | TIN                      | 78.94/3.108 | 79.45/3.128 |           |
|              | 46112-1206         | TIN-LEAD                 |             |             |           |
| 14           | 46112-1403         | TIN                      | 90.94/3.580 | 91.44/3.600 |           |
|              | 46112-1406         | TIN-LEAD                 |             |             |           |

PRESS-FIT ADDED  
EC NO: UCP2010-1199  
DRAWN: KARADIMAS 2009/11/30  
CHKD: 2009/12/03  
APPR: JCOMERC I 2009/12/08  
REV

DESCRIPTION

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

|          | mm     | INCH    |
|----------|--------|---------|
| 4 PLACES | ± .005 | ± .0005 |
| 3 PLACES | ± .005 | ± .0010 |
| 2 PLACES | ± 0.25 | ± .010  |
| 1 PLACE  | ± .005 | ± .0010 |

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE  
IN/MM

DRAWN BY DATE

CHECKED BY DATE

APPROVED BY DATE

JCOMERC I 2009/12/03

MATERIAL NO.

SEE CHART

SIZE

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX

INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

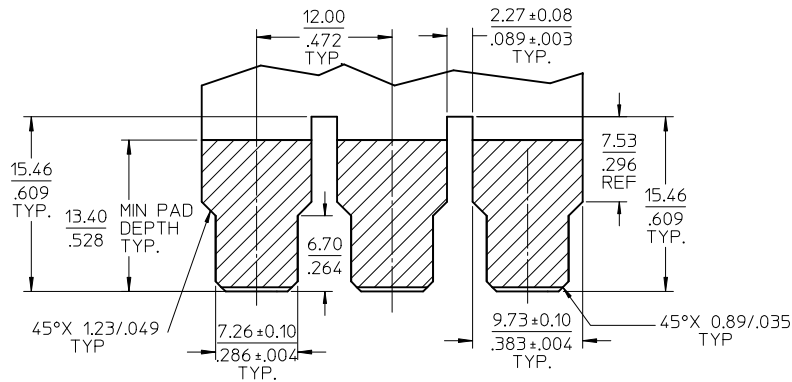
SCALE  
2:1DESIGN UNITS  
INCHTHIRD ANGLE  
PROJECTION

LPH VERTICAL RECEPTACLE  
POWER ASSEMBLY  
2 CKT-14 CKT, PRESS-FIT (C3)

MOLEX INCORPORATED

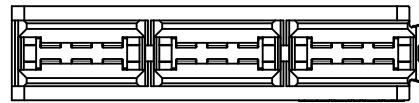
DOCUMENT NO. SD-46112-200

SHEET NO. 1 OF 2

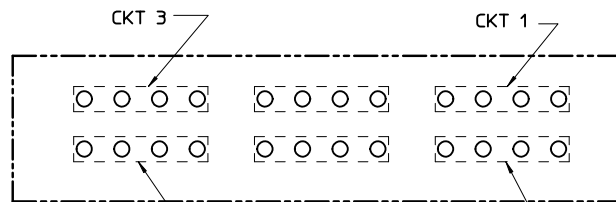


RECOMENDED EDGE CARD LAYOUT  
 EDGE CARD THICKNESS: 1.57/.062  
 PLATING: GOLD 30  $\mu$  INCHES MIN.  
 OVER 150  $\mu$  INCHES NICKEL.

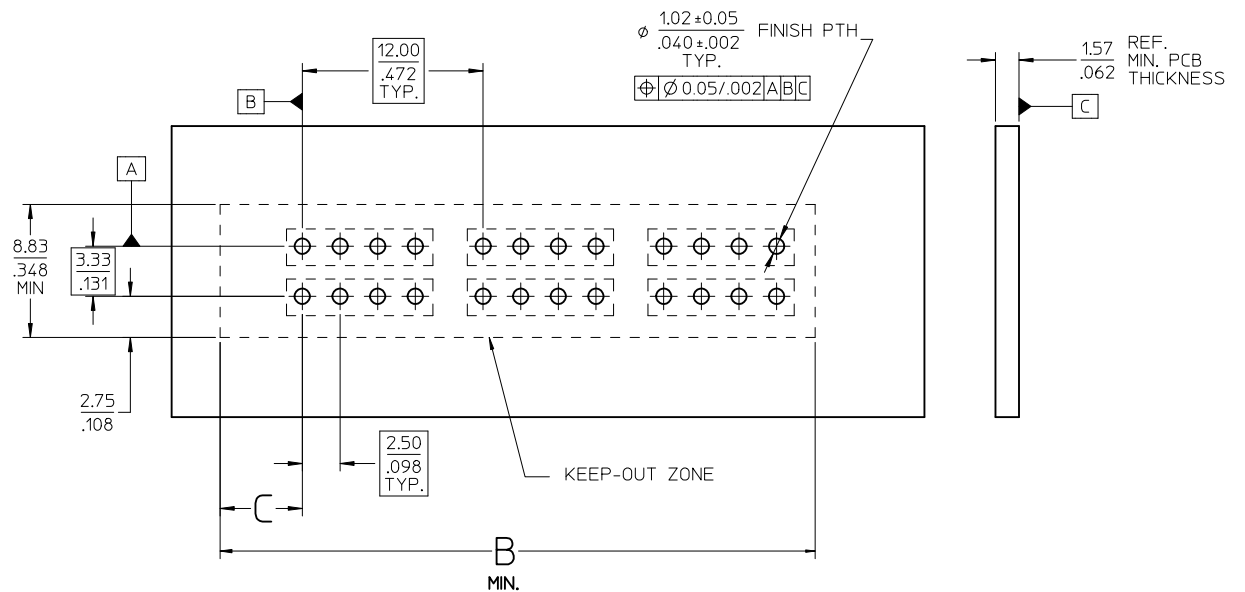
45°X .38/.015 TYP



P/N 46112-601 SHOWN



PCB LAYOUT: COMPONENT SIDE  
 SCALE 4:1



PCB COMPONENT SIDE  
 SCALE 4:1

|                                                                                                                               |     |             |                                       |        |                                     |            |              |                      |                                                                                                              |                                                                               |                                                                      |  |
|-------------------------------------------------------------------------------------------------------------------------------|-----|-------------|---------------------------------------|--------|-------------------------------------|------------|--------------|----------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------------|--|
| SEE SHT 1<br>EC NO: UCP2010-1199<br>DRAWN: KARADIMAS 2009/11/30<br>CHKD: JCOMERC I 2009/12/03<br>APPR: JCOMERC I 2009/12/08   | REV | DESCRIPTION | GENERAL TOLERANCES (UNLESS SPECIFIED) |        | DIMENSION STYLE<br>IN/MM            |            | SCALE<br>3:1 | DESIGN UNITS<br>INCH |  THIRD ANGLE PROJECTION | TITLE<br>LPH VERTICAL RECEPTACLE<br>POWER ASSEMBLY<br>2 CKT-14 CKT, PRESS-FIT |                                                                      |  |
|                                                                                                                               |     |             |                                       | mm     | INCH                                | DRAWN BY   |              | DATE                 |                                                                                                              |                                                                               | LPH VERTICAL RECEPTACLE<br>POWER ASSEMBLY<br>2 CKT-14 CKT, PRESS-FIT |  |
|                                                                                                                               |     |             | 4 PLACES                              | ± ---  | ± ---                               | CHECKED BY |              | DATE                 |                                                                                                              |                                                                               |                                                                      |  |
|                                                                                                                               |     |             | 3 PLACES                              | ± ---  | ± .010                              |            |              |                      |                                                                                                              |                                                                               |                                                                      |  |
|                                                                                                                               |     |             | 2 PLACES                              | ± 0.25 | ± ---                               |            |              |                      |                                                                                                              |                                                                               |                                                                      |  |
|                                                                                                                               |     |             | 1 PLACE                               | ± ---  | ± ---                               |            |              |                      |                                                                                                              |                                                                               |                                                                      |  |
|                                                                                                                               |     |             | ANGULAR ±1/2°                         |        | APPROVED BY<br>JCOMERC I 2009/12/03 |            | DATE         |                      |  MOLEX INCORPORATED     |                                                                               |                                                                      |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                    |     |             | MATERIAL NO.                          |        | DOCUMENT NO.                        |            | SHEET NO.    |                      |                                                                                                              |                                                                               |                                                                      |  |
|                                                                                                                               |     |             | SEE CHART                             |        | SD-46112-200                        |            | 2 OF 2       |                      |                                                                                                              |                                                                               |                                                                      |  |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |     |             |                                       |        |                                     |            |              |                      |                                                                                                              |                                                                               |                                                                      |  |