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**Part Number:** [0444741031](#)  
**Status:** **Active**  
**Description:** 4.20mm (.165") Pitch Mini-Fit HCS™ Header, Dual Row, Vertical, Blind Mating, with Snap-in Plastic Peg PCB Lock, 10 Circuits, PA Polyamide Nylon 6/6 94V-2, with Drain Holes

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-44476-001 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
UL E29179

**General**

Product Family PCB Headers  
Series [44474](#)  
Application Board-to-Board, Wire-to-Board  
Comments Square Pin|Solder Type  
Product Name Mini-Fit HCS™

**Physical**

Breakaway No  
Circuits (Loaded) 10  
Circuits (maximum) 10  
Color - Resin Natural  
Durability (mating cycles max) 30  
Flammability 94V-2  
Glow-Wire Compliant No  
Material - Metal High Performance Alloy (HPA)  
Material - Plating Mating Tin  
Material - Plating Termination Tin  
Material - Resin Nylon  
Number of Rows 2  
Orientation Vertical  
PC Tail Length (in) 0.138 In  
PC Tail Length (mm) 3.50 mm  
PCB Locator Yes  
PCB Retention Yes  
PCB Thickness Recommended (in) 0.070 In  
PCB Thickness Recommended (mm) 1.80 mm  
Packaging Type Tray  
Pitch - Mating Interface (in) 0.165 In  
Pitch - Mating Interface (mm) 4.20 mm  
Plating min: Mating (µin) 100  
Plating min: Mating (µm) 2.50  
Plating min: Termination (µin) 100  
Plating min: Termination (µm) 2.50  
Polarized to PCB Yes  
Shrouded Fully  
Stackable No  
Surface Mount Compatible (SMC) No  
Temperature Range - Operating -40°C to +105°C  
Termination Interface: Style Through Hole

**Electrical**

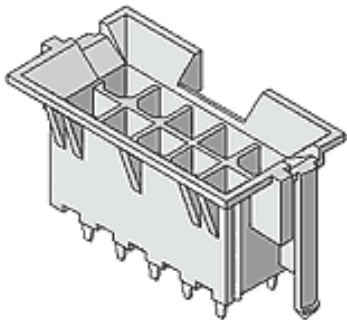


image - Reference only

Series

**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
Not Reviewed  
**Halogen-Free**  
**Status**  
**Not Reviewed**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**  
[44474Series](#)

**Mates With**  
[42474](#) , [44475](#) , [44516](#) , [5557d](#)

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 11A  |
| Voltage - Maximum             | 600V |

**Solder Process Data**

|                                                |                        |
|------------------------------------------------|------------------------|
| Duration at Max. Process Temperature (seconds) | 5                      |
| Lead-free Process Capability                   | Wave Capable (TH only) |
| Max. Cycles at Max. Process Temperature        | 1                      |
| Process Temperature max. C                     | 260                    |

**Material Info**

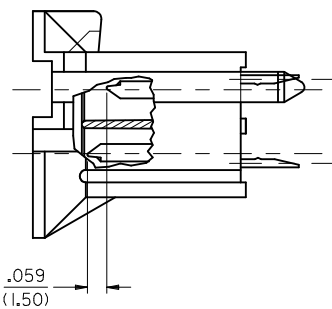
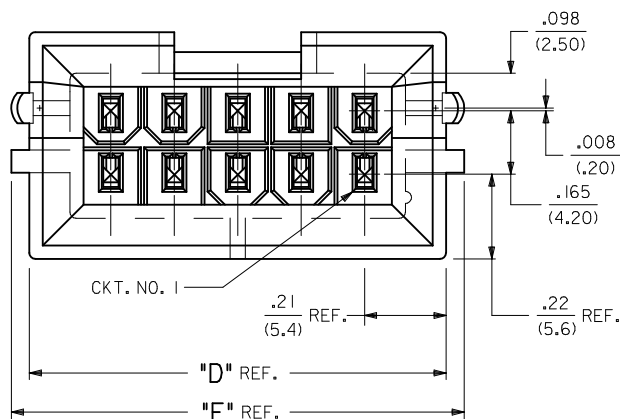
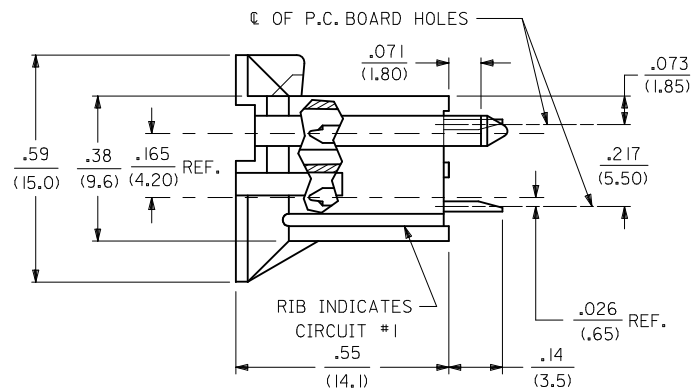
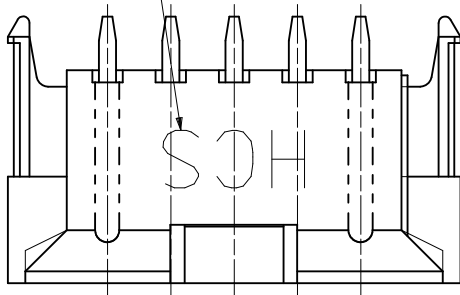
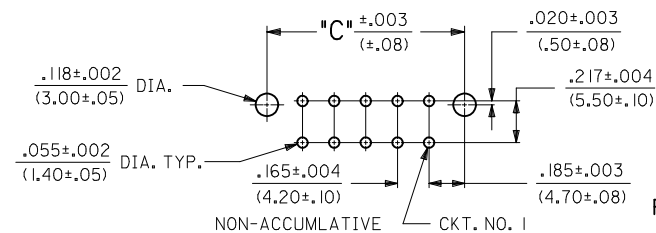
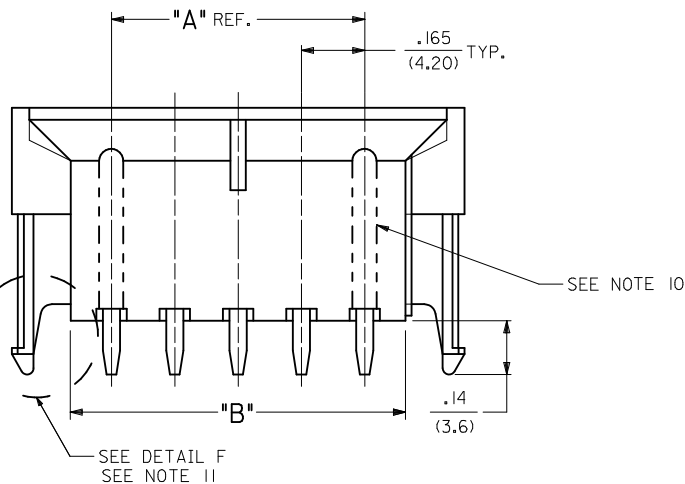
**Reference - Drawing Numbers**

|                       |                             |
|-----------------------|-----------------------------|
| Product Specification | PS-44476-001, RPS-44476-001 |
| Sales Drawing         | SDA-44474-****              |

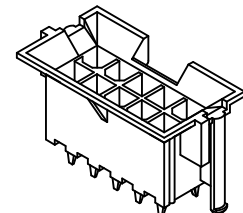
This document was generated on 03/24/2010

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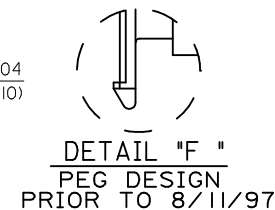
SEE NOTE 14

MATE-FIRST/BREAK-LAST DETAIL  
(SEE NOTE 12)

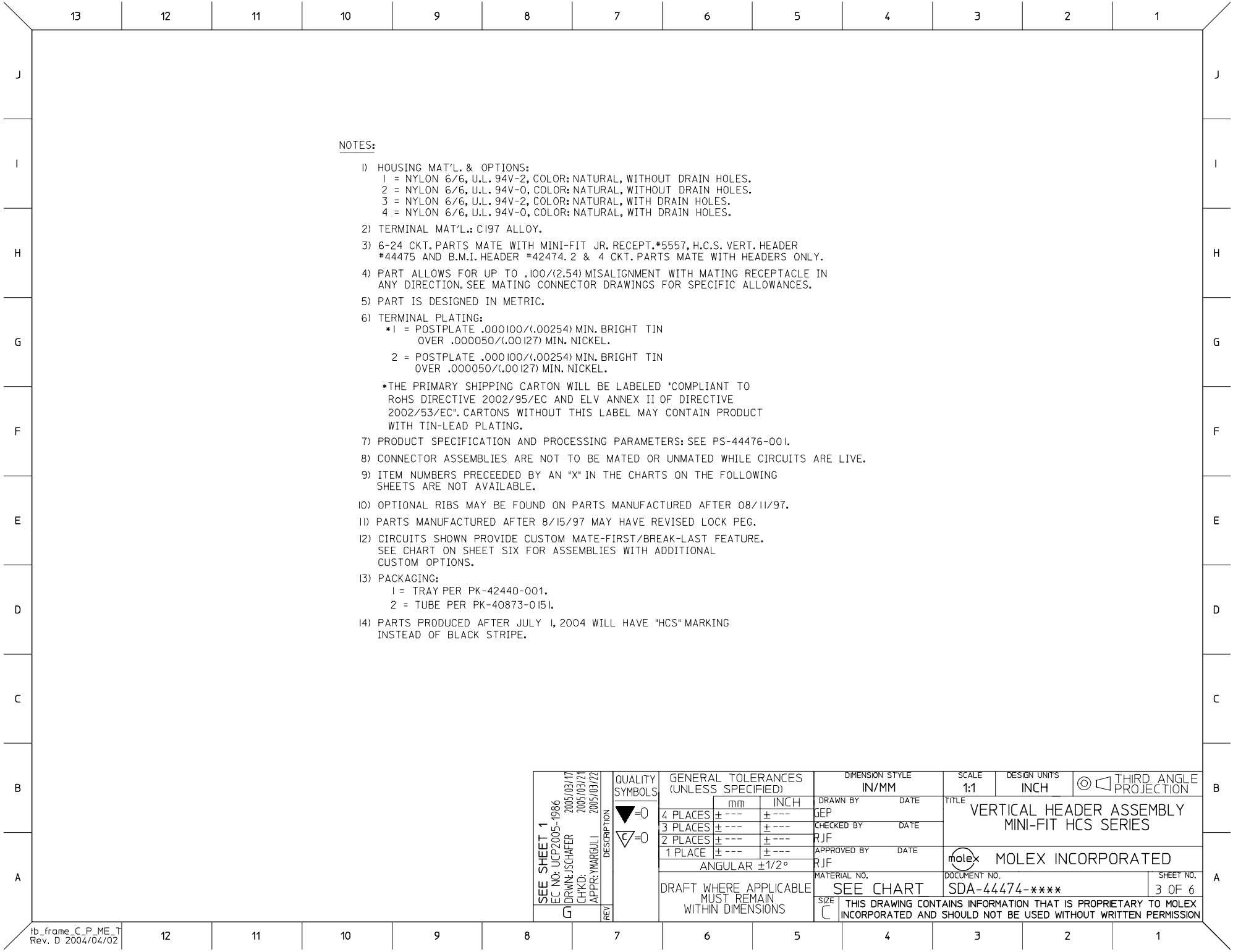
RECOMMENDED HOLE LAYOUT FOR .070/(1.78) MAX. THICK P.C. BOARD

(SEE NOTE 5)  
(SCALE: 2X)

(SCALE: 2X)



|                                                                                               |  |     |             |                               |                                       |                                                            |                          |            |              |                      |                                                                                                                 |                                                                                                                               |                    |                                |                     |
|-----------------------------------------------------------------------------------------------|--|-----|-------------|-------------------------------|---------------------------------------|------------------------------------------------------------|--------------------------|------------|--------------|----------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------|---------------------|
| MODIFIED SHT 4<br>EC NO: UCP2010-0472<br>DRWN: JAGUILAR<br>CHKD: J.BELL<br>APPR: FSMITH<br>G1 |  | REV | DESCRIPTION | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |                                                            | DIMENSION STYLE<br>IN/MM |            | SCALE<br>1:1 | DESIGN UNITS<br>INCH |  THIRD ANGLE<br>PROJECTION | TITLE<br>VERTICAL HEADER ASSEMBLY<br>MINI-FIT HCS SERIES                                                                      | MOLEX INCORPORATED | DOCUMENT NO.<br>SDA-44474-**** | SHEET NO.<br>1 OF 6 |
|                                                                                               |  |     |             |                               |                                       |                                                            |                          |            |              |                      |                                                                                                                 |                                                                                                                               |                    |                                |                     |
|                                                                                               |  |     |             |                               |                                       | 4 PLACES ± --- ± ---                                       | DRAWN BY DATE<br>GEP     |            |              |                      |                                                                                                                 |                                                                                                                               |                    |                                |                     |
|                                                                                               |  |     |             |                               |                                       | 3 PLACES ± --- ± .010                                      | CHECKED BY DATE<br>RJF   |            |              |                      |                                                                                                                 |                                                                                                                               |                    |                                |                     |
|                                                                                               |  |     |             |                               |                                       | 2 PLACES ± 0.25 ± .015                                     | APPROVED BY DATE<br>RJF  |            |              |                      |                                                                                                                 |                                                                                                                               |                    |                                |                     |
|                                                                                               |  |     |             |                               |                                       | 1 PLACE ± 0.38 ± ---                                       |                          |            |              |                      |                                                                                                                 |                                                                                                                               |                    |                                |                     |
|                                                                                               |  |     |             |                               |                                       | ANGULAR ±1/2°                                              |                          |            |              |                      |                                                                                                                 |                                                                                                                               |                    |                                |                     |
|                                                                                               |  |     |             |                               |                                       | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                          | SEE CHARTS |              |                      |                                                                                                                 |                                                                                                                               |                    |                                |                     |
|                                                                                               |  |     |             |                               |                                       |                                                            |                          | SIZE<br>C  |              |                      |                                                                                                                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                                |                     |



NOTES:

- 1) HOUSING MAT'L. & OPTIONS:
  - 1 = NYLON 6/6, U.L. 94V-2, COLOR: NATURAL, WITHOUT DRAIN HOLES.
  - 2 = NYLON 6/6, U.L. 94V-0, COLOR: NATURAL, WITHOUT DRAIN HOLES.
  - 3 = NYLON 6/6, U.L. 94V-2, COLOR: NATURAL, WITH DRAIN HOLES.
  - 4 = NYLON 6/6, U.L. 94V-0, COLOR: NATURAL, WITH DRAIN HOLES.
- 2) TERMINAL MAT'L.: C197 ALLOY.
- 3) 6-24 CKT. PARTS MATE WITH MINI-FIT JR. RECEPT.\*5557, H.C.S. VERT. HEADER \*44475 AND B.M.I. HEADER \*42474. 2 & 4 CKT. PARTS MATE WITH HEADERS ONLY.
- 4) PART ALLOWS FOR UP TO .100/(2.54) MISALIGNMENT WITH MATING RECEPTACLE IN ANY DIRECTION. SEE MATING CONNECTOR DRAWINGS FOR SPECIFIC ALLOWANCES.
- 5) PART IS DESIGNED IN METRIC.
- 6) TERMINAL PLATING:
  - \*1 = POSTPLATE .000100/(.00254) MIN. BRIGHT TIN OVER .000050/(.00127) MIN. NICKEL.
  - 2 = POSTPLATE .000100/(.00254) MIN. BRIGHT TIN OVER .000050/(.00127) MIN. NICKEL.

\*THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2002/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD PLATING.
- 7) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: SEE PS-44476-001.
- 8) CONNECTOR ASSEMBLIES ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
- 9) ITEM NUMBERS PRECEDED BY AN "X" IN THE CHARTS ON THE FOLLOWING SHEETS ARE NOT AVAILABLE.
- 10) OPTIONAL RIBS MAY BE FOUND ON PARTS MANUFACTURED AFTER 08/11/97.
- 11) PARTS MANUFACTURED AFTER 8/15/97 MAY HAVE REVISED LOCK PEG.
- 12) CIRCUITS SHOWN PROVIDE CUSTOM MATE-FIRST/BREAK-LAST FEATURE. SEE CHART ON SHEET SIX FOR ASSEMBLIES WITH ADDITIONAL CUSTOM OPTIONS.
- 13) PACKAGING:
  - 1 = TRAY PER PK-42440-001.
  - 2 = TUBE PER PK-40873-0151.
- 14) PARTS PRODUCED AFTER JULY 1, 2004 WILL HAVE "HCS" MARKING INSTEAD OF BLACK STRIPE.

|                                                                                                                          |                                   |                                                         |       |                          |          |                                                                                                                               |                      |                        |                                                                                                                                      |  |  |
|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------|---------------------------------------------------------|-------|--------------------------|----------|-------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--|--|
| SEE SHEET 1<br>EC NO: UCP2005-1986<br>DRAWN: JSCHAFER 2005/03/17<br>CHKD: 2005/03/21<br>APPR: YMARGULI 2005/03/22<br>REV | QUALITY SYMBOLS<br><br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                   |       | DIMENSION STYLE<br>IN/MM |          | SCALE<br>1:1                                                                                                                  | DESIGN UNITS<br>INCH | THIRD ANGLE PROJECTION | VERTICAL HEADER ASSEMBLY<br>MINI-FIT HCS SERIES<br><br>MOLEX INCORPORATED<br><br>DOCUMENT NO. SDA-44474-****<br><br>SHEET NO. 3 OF 6 |  |  |
|                                                                                                                          |                                   |                                                         | mm    | INCH                     | DRAWN BY | DATE                                                                                                                          |                      |                        |                                                                                                                                      |  |  |
|                                                                                                                          |                                   | 4 PLACES                                                | ± --- | ± ---                    | GEP      | CHECKED BY                                                                                                                    | DATE                 |                        |                                                                                                                                      |  |  |
|                                                                                                                          |                                   | 3 PLACES                                                | ± --- | ± ---                    | RJF      | APPROVED BY                                                                                                                   | DATE                 |                        |                                                                                                                                      |  |  |
|                                                                                                                          |                                   | 2 PLACES                                                | ± --- | ± ---                    |          |                                                                                                                               |                      |                        |                                                                                                                                      |  |  |
|                                                                                                                          |                                   | 1 PLACE                                                 | ± --- | ± ---                    |          |                                                                                                                               |                      |                        |                                                                                                                                      |  |  |
|                                                                                                                          |                                   | ANGULAR ±1/2°                                           |       |                          |          |                                                                                                                               |                      |                        |                                                                                                                                      |  |  |
|                                                                                                                          |                                   | DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS |       | SEE CHART                |          |                                                                                                                               |                      |                        |                                                                                                                                      |  |  |
|                                                                                                                          |                                   |                                                         |       | SIZE C                   |          | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                      |                        |                                                                                                                                      |  |  |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 13                                                                                                                                        | 12   | 11                                                                                                                                   | 10   | 9                                                                                                                                 | 8    | 7                                                                                                                                 | 6    | 5                                                                                                                                    | 4    | 3                                                                                                                                    | 2    | 1 |  |
| J                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PLATING: I (SEE NOTE 6)<br>DRAINS: WITHOUT DRAIN HOLES<br>PEGS: WITH PEGS<br>MAT'L: 94V-2 [NATURAL]<br>PACKAGING: TRAY (SEE NOTE I3)      |      | PLATING: I (SEE NOTE 6)<br>DRAINS: WITHOUT DRAIN HOLES<br>PEGS: WITH PEGS<br>MAT'L: 94V-0 [NATURAL]<br>PACKAGING: TRAY (SEE NOTE I3) |      | PLATING: I (SEE NOTE 6)<br>DRAINS: WITH DRAIN HOLES<br>PEGS: WITH PEGS<br>MAT'L: 94V-2 [NATURAL]<br>PACKAGING: TRAY (SEE NOTE I3) |      | PLATING: I (SEE NOTE 6)<br>DRAINS: WITH DRAIN HOLES<br>PEGS: WITH PEGS<br>MAT'L: 94V-0 [NATURAL]<br>PACKAGING: TRAY (SEE NOTE I3) |      | PLATING: I (SEE NOTE 6)<br>DRAINS: WITHOUT DRAIN HOLES<br>PEGS: WITH PEGS<br>MAT'L: 94V-2 [NATURAL]<br>PACKAGING: TUBE (SEE NOTE I3) |      | PLATING: I (SEE NOTE 6)<br>DRAINS: WITHOUT DRAIN HOLES<br>PEGS: WITH PEGS<br>MAT'L: 94V-0 [NATURAL]<br>PACKAGING: TUBE (SEE NOTE I3) |      | J |  |
| I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ITEM NO.                                                                                                                                  | CKTS | ITEM NO.                                                                                                                             | CKTS | ITEM NO.                                                                                                                          | CKTS | ITEM NO.                                                                                                                          | CKTS | ITEM NO.                                                                                                                             | CKTS | ITEM NO.                                                                                                                             | CKTS |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | X 44474-0211                                                                                                                              | 2    | X 44474-0221                                                                                                                         | 2    | X 44474-0231                                                                                                                      | 2    | X 44474-0241                                                                                                                      | 2    | X -                                                                                                                                  | 2    | X -                                                                                                                                  | 2    |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 44474-0411                                                                                                                                | 4    | 44474-0421                                                                                                                           | 4    | 44474-0431                                                                                                                        | 4    | 44474-0441                                                                                                                        | 4    | 44474-3001                                                                                                                           | 4    | 44474-3013                                                                                                                           | 4    |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 44474-0611                                                                                                                                | 6    | X 44474-0621                                                                                                                         | 6    | O 44474-0631                                                                                                                      | 6    | X 44474-0641                                                                                                                      | 6    | X -                                                                                                                                  | 6    | X -                                                                                                                                  | 6    |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | X 44474-0811                                                                                                                              | 8    | X 44474-0821                                                                                                                         | 8    | X 44474-0831                                                                                                                      | 8    | X 44474-0841                                                                                                                      | 8    | X -                                                                                                                                  | 8    | X -                                                                                                                                  | 8    |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 44474-1011                                                                                                                                | 10   | 44474-1021                                                                                                                           | 10   | 44474-1031                                                                                                                        | 10   | 44474-1041                                                                                                                        | 10   | 44474-3004                                                                                                                           | 10   | 44474-3016                                                                                                                           | 10   |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | X 44474-1211                                                                                                                              | 12   | X 44474-1221                                                                                                                         | 12   | X 44474-1231                                                                                                                      | 12   | X 44474-1241                                                                                                                      | 12   | X -                                                                                                                                  | 12   | X -                                                                                                                                  | 12   |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 44474-1411                                                                                                                                | 14   | 44474-1421                                                                                                                           | 14   | 44474-1431                                                                                                                        | 14   | 44474-1441                                                                                                                        | 14   | 44474-3006                                                                                                                           | 14   | 44474-3018                                                                                                                           | 14   |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | X 44474-1611                                                                                                                              | 16   | X 44474-1621                                                                                                                         | 16   | X 44474-1631                                                                                                                      | 16   | X 44474-1641                                                                                                                      | 16   | X -                                                                                                                                  | 16   | X -                                                                                                                                  | 16   |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 44474-1811                                                                                                                                | 18   | 44474-1821                                                                                                                           | 18   | 44474-1831                                                                                                                        | 18   | 44474-1841                                                                                                                        | 18   | 44474-3008                                                                                                                           | 18   | 44474-3020                                                                                                                           | 18   |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | X 44474-2011                                                                                                                              | 20   | X 44474-2021                                                                                                                         | 20   | X 44474-2031                                                                                                                      | 20   | X 44474-2041                                                                                                                      | 20   | X -                                                                                                                                  | 20   | X -                                                                                                                                  | 20   |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | X 44474-2211                                                                                                                              | 22   | X 44474-2221                                                                                                                         | 22   | X 44474-2231                                                                                                                      | 22   | X 44474-2241                                                                                                                      | 22   | X -                                                                                                                                  | 22   | X -                                                                                                                                  | 22   |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 44474-2411                                                                                                                                | 24   | 44474-2421                                                                                                                           | 24   | 44474-2431                                                                                                                        | 24   | 44474-2441                                                                                                                        | 24   | 44474-3011                                                                                                                           | 24   | 44474-3023                                                                                                                           | 24   |   |  |
| G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PLATING: I (SEE NOTE 6)<br>DRAINS: WITH DRAIN HOLES<br>PEGS: WITH PEGS<br>MAT'L: 94V-2 [NATURAL]<br>PACKAGING: TUBE (SEE NOTE I3)         |      | PLATING: I (SEE NOTE 6)<br>DRAINS: WITH DRAIN HOLES<br>PEGS: WITH PEGS<br>MAT'L: 94V-0 [NATURAL]<br>PACKAGING: TUBE (SEE NOTE I3)    |      | PLATING:<br>DRAINS:<br>PEGS:<br>MAT'L:<br>PACKAGING:                                                                              |      | PLATING:<br>DRAINS:<br>PEGS:<br>MAT'L:<br>PACKAGING:                                                                              |      | PLATING:<br>DRAINS:<br>PEGS:<br>MAT'L:<br>PACKAGING:                                                                                 |      | PLATING:<br>DRAINS:<br>PEGS:<br>MAT'L:<br>PACKAGING:                                                                                 |      | G |  |
| F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ITEM NO.                                                                                                                                  | CKTS | ITEM NO.                                                                                                                             | CKTS | ITEM NO.                                                                                                                          | CKTS | ITEM NO.                                                                                                                          | CKTS | ITEM NO.                                                                                                                             | CKTS | ITEM NO.                                                                                                                             | CKTS |   |  |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 44474-3025                                                                                                                                | 4    | 44474-3037                                                                                                                           | 4    | -                                                                                                                                 | 4    | -                                                                                                                                 | 4    | -                                                                                                                                    | 4    | -                                                                                                                                    | 4    |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | X -                                                                                                                                       | 6    | X -                                                                                                                                  | 6    | -                                                                                                                                 | 6    | -                                                                                                                                 | 6    | -                                                                                                                                    | 6    | -                                                                                                                                    | 6    |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | X -                                                                                                                                       | 8    | X -                                                                                                                                  | 8    | -                                                                                                                                 | 8    | -                                                                                                                                 | 8    | -                                                                                                                                    | 8    | -                                                                                                                                    | 8    |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 44474-3028                                                                                                                                | 10   | 44474-3040                                                                                                                           | 10   | -                                                                                                                                 | 10   | -                                                                                                                                 | 10   | -                                                                                                                                    | 10   | -                                                                                                                                    | 10   |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | X -                                                                                                                                       | 12   | X -                                                                                                                                  | 12   | -                                                                                                                                 | 12   | -                                                                                                                                 | 12   | -                                                                                                                                    | 12   | -                                                                                                                                    | 12   |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 44474-3030                                                                                                                                | 14   | 44474-3042                                                                                                                           | 14   | -                                                                                                                                 | 14   | -                                                                                                                                 | 14   | -                                                                                                                                    | 14   | -                                                                                                                                    | 14   |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | X -                                                                                                                                       | 16   | X -                                                                                                                                  | 16   | -                                                                                                                                 | 16   | -                                                                                                                                 | 16   | -                                                                                                                                    | 16   | -                                                                                                                                    | 16   |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 44474-3032                                                                                                                                | 18   | 44474-3044                                                                                                                           | 18   | -                                                                                                                                 | 18   | -                                                                                                                                 | 18   | -                                                                                                                                    | 18   | -                                                                                                                                    | 18   |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | X -                                                                                                                                       | 20   | X -                                                                                                                                  | 20   | -                                                                                                                                 | 20   | -                                                                                                                                 | 20   | -                                                                                                                                    | 20   | -                                                                                                                                    | 20   |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | X -                                                                                                                                       | 22   | X -                                                                                                                                  | 22   | -                                                                                                                                 | 22   | -                                                                                                                                 | 22   | -                                                                                                                                    | 22   | -                                                                                                                                    | 22   |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 44474-3035                                                                                                                                | 24   | 44474-3047                                                                                                                           | 24   | -                                                                                                                                 | 24   | -                                                                                                                                 | 24   | -                                                                                                                                    | 24   | -                                                                                                                                    | 24   |   |  |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | * ITEMS PRECEDED BY "X" ARE NOT AVAILABLE<br>ITEMS ON THIS PAGE ARE STANDARD PRODUCT. REFER TO SHEET SIX FOR PRODUCT WITH CUSTOM OPTIONS. |      |                                                                                                                                      |      |                                                                                                                                   |      |                                                                                                                                   |      |                                                                                                                                      |      |                                                                                                                                      |      |   |  |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | "O" = OBSOLETE                                                                                                                            |      |                                                                                                                                      |      |                                                                                                                                   |      |                                                                                                                                   |      |                                                                                                                                      |      |                                                                                                                                      |      |   |  |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                           |      |                                                                                                                                      |      |                                                                                                                                   |      |                                                                                                                                   |      |                                                                                                                                      |      |                                                                                                                                      |      |   |  |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                           |      |                                                                                                                                      |      |                                                                                                                                   |      |                                                                                                                                   |      |                                                                                                                                      |      |                                                                                                                                      |      |   |  |
| <div>ib_frame_C_P_ME_T<br/>Rev. D 2004/04/02</div> <div>121110987654321</div> <div><div>MODIFIED CHART<br/>EC NO: UCP2010-0472<br/>DRWN: J JAGUILAR 2009/11/11<br/>CHKD: J BELL 2009/12/01<br/>APPR: F SMITH 2009/12/01<br/>G1</div><div>QUALITY SYMBOLS<br/>▽=0<br/>▽=0</div><div>GENERAL TOLERANCES (UNLESS SPECIFIED)<br/>mm INCH<br/>4 PLACES ± --- ± ---<br/>3 PLACES ± --- ± ---<br/>2 PLACES ± --- ± ---<br/>1 PLACE ± --- ± ---<br/>ANGULAR ±1/2°<br/>DRAFT WHERE APPLICABLE<br/>MUST REMAIN WITHIN DIMENSIONS</div><div><div>DIMENSION STYLE<br/>IN/MM<br/>DRAWN BY DATE<br/>ERH<br/>CHECKED BY DATE<br/>MB<br/>APPROVED BY DATE<br/>RE</div><div>SCALE<br/>1:1<br/>TITLE<br/>VERTICAL HEADER ASSEMBLY<br/>MINI-FIT HCE SERIES</div></div><div><div>MATERIAL NO.<br/>SEE CHART</div><div>DOCUMENT NO.<br/>SDA-44474-****</div><div>SHEET NO.<br/>4 OF 6</div></div><div>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br/>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</div></div> |                                                                                                                                           |      |                                                                                                                                      |      |                                                                                                                                   |      |                                                                                                                                   |      |                                                                                                                                      |      |                                                                                                                                      |      |   |  |