

# NOTES:

## 1. MATERIALS:

HOUSING: GLASS-FILLED LIQUID CRYSTAL POLYMER (LCP), UL94 V-0, COLOR: BLACK  
 TAIL ALIGNER: GLASS-FILLED LIQUID CRYSTAL POLYMER (LCP),  
 TERMINAL: PHOSPHOR BRONZE  
 BRACKET: BRASS  
 SHELL: STEEL  
 INSERT: BRASS

## 2. FINISHES:

TERMINAL: 0.05-0.25 MICROMETERS GOLD FLASH IN CRITICAL AREA  
 OVER 0.75 MICROMETERS MINIMUM PALLADIUM NICKEL IN  
 CRITICAL AREA. 1.87 MICROMETERS MINIMUM TIN IN  
 SOLDER TAIL AREA OVER A NICKEL UNDERPLATE.  
 SHIELD: 3.8 MICROMETERS MINIMUM BRIGHT TIN OVER NICKEL.  
 INSERT: 2.54 MICROMETERS MINIMUM NICKEL.

## 3. PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-71425-9999.

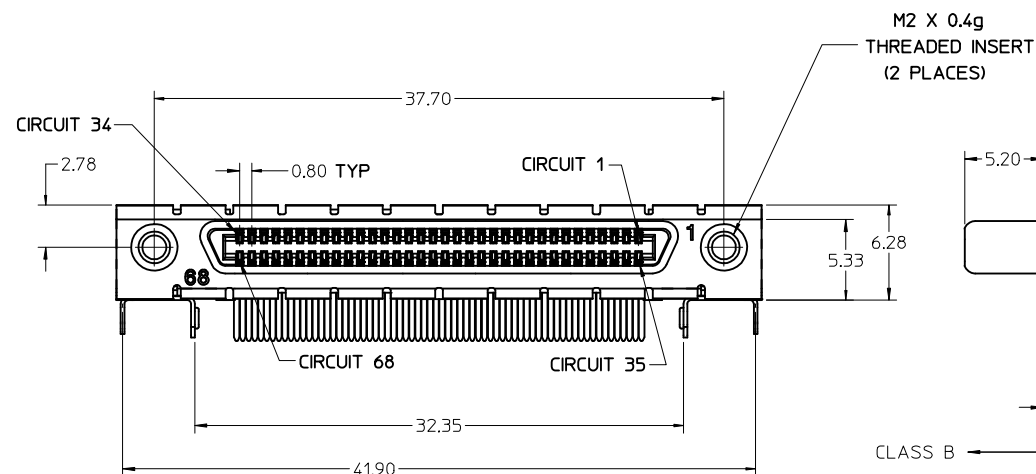
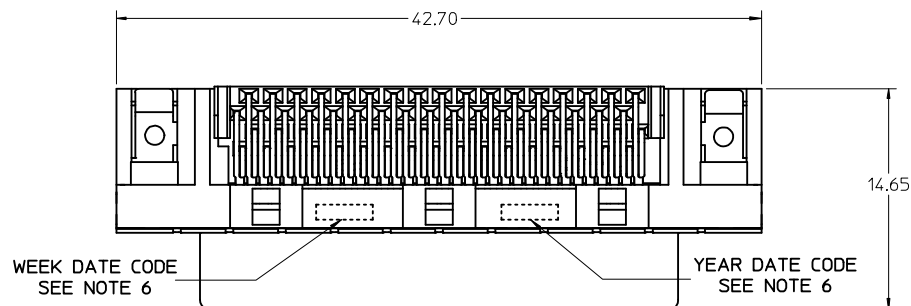
## 4. PACKAGED PER PK-71430-0101.

## 5. APPLICABLE STANDARDS: EIA-3652 AND SFF-8441.

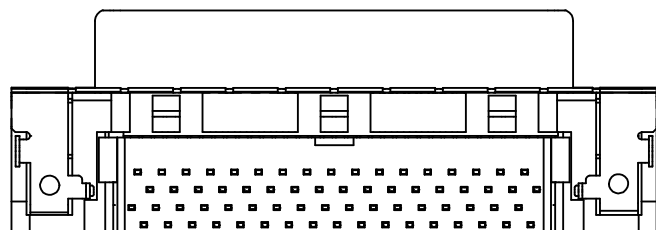
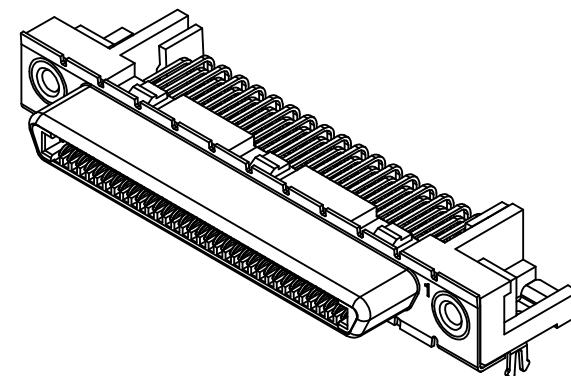
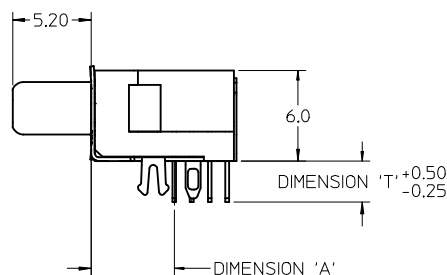
## 6. DATE CODE: YR/WK PER EIA-476-A.

## 7. PRODUCT COMPLIES WITH COSMETIC SPECIFICATION PS-45499-002. SEE SIDE VIEW FOR SURFACE CLASSIFICATIONS.

## 8. TORQUE TO INSTALL SCREWLOCKS INTO THREADED INSERTS: 0.34 Nm MAXIMUM.

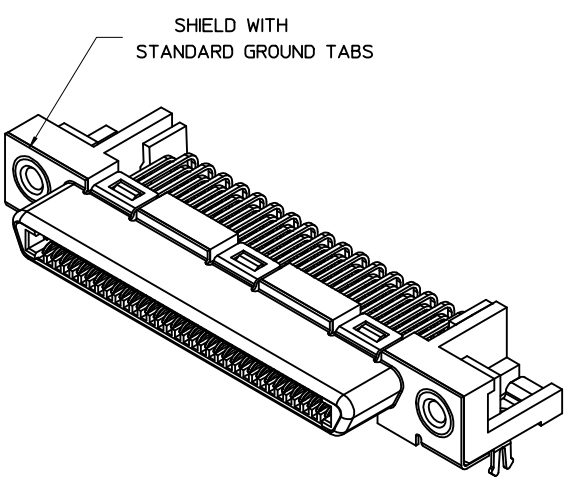


CLASS B  
 CLASS C  
 SEE NOTE 7

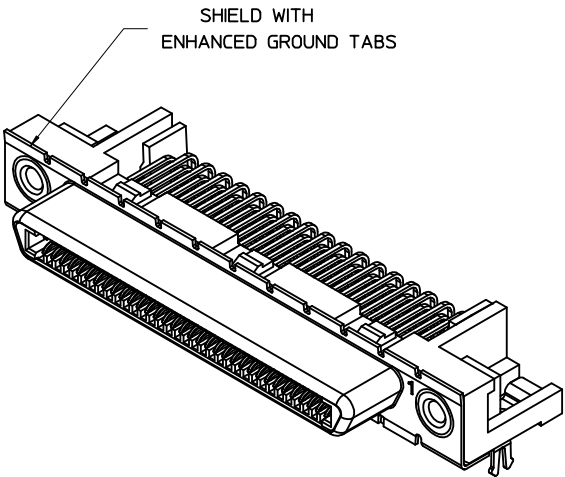


|                                                                                                                |                    |                                                                 |                                                      |                                                                                                                                |                            |             |              |                                     |                           |  |  |  |
|----------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------------|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------|--------------|-------------------------------------|---------------------------|--|--|--|
| FIX TAIL TOLERANCE<br>EC NO: UCP2012-3896<br>DRWN:BBARKER 2012/05/29<br>CHKD:MMOLFE<br>APPR:SMILLER 2012/08/31 | DESCRIPTION<br>REV | QUALITY SYMBOLS<br><div>▽=0</div> <div>▽=0</div> <div>▽=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED)                |                                                                                                                                | DIMENSION STYLE<br>MM ONLY |             | SCALE<br>4:1 | DESIGN UNITS<br>METRIC              | THIRD ANGLE<br>PROJECTION |  |  |  |
|                                                                                                                |                    |                                                                 |                                                      | mm                                                                                                                             | INCH                       | DRAWN BY    | DATE         | TITLE<br>VHDCI RIGHT ANGLE ASSEMBLY |                           |  |  |  |
|                                                                                                                |                    |                                                                 | 4 PLACES                                             | ± ---                                                                                                                          | ± ---                      | KSTILES     | 11/14/2002   |                                     |                           |  |  |  |
|                                                                                                                |                    |                                                                 | 3 PLACES                                             | ± ---                                                                                                                          | ± ---                      | CHECKED BY  | DATE         |                                     |                           |  |  |  |
|                                                                                                                |                    |                                                                 | 2 PLACES                                             | ± 0.13                                                                                                                         | ± ---                      | KSTILES     | 11/15/2002   | molex                               |                           |  |  |  |
|                                                                                                                |                    |                                                                 | 1 PLACE                                              | ± 0.25                                                                                                                         | ± ---                      | APPROVED BY | DATE         |                                     |                           |  |  |  |
|                                                                                                                |                    |                                                                 | 0 PLACE                                              | ±                                                                                                                              | ±                          | MBNAKIS     | 11/22/2002   |                                     |                           |  |  |  |
|                                                                                                                |                    |                                                                 | ANGULAR ±1/2°                                        |                                                                                                                                | MATERIAL NO.               |             | DOCUMENT NO. |                                     | SHEET NO.                 |  |  |  |
|                                                                                                                |                    |                                                                 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                                                                                                                                | SEE SHEET 2                |             | SD-71430-015 |                                     | 1 OF 3                    |  |  |  |
|                                                                                                                |                    |                                                                 | SIZE C                                               | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX. INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                            |             |              |                                     |                           |  |  |  |

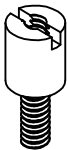
| PCB THICKNESS | PART NUMBER | TAIL LENGTH *T*<br>(SEE FIGURE FOR TOLERANCE) | ENHANCED GROUND TABS | SCREWLOCKS    | TAIL LOC. *A* | HOLE LOCATION *B* |
|---------------|-------------|-----------------------------------------------|----------------------|---------------|---------------|-------------------|
| 1.60          | 71430-0101  | 2.08                                          | NO                   | NONE          | 5.5           | 6.50 MAXIMUM      |
| 1.60          | 71430-0007  | 2.08                                          | NO                   | LOOSE IN BAGS |               |                   |
| 1.60          | 71430-0005  | 2.08                                          | YES                  | NONE          |               |                   |
| 1.60          | 71430-0008  | 2.08                                          | YES                  | LOOSE IN BAGS |               |                   |
| 2.36          | 71430-0268  | 2.71                                          | NO                   | NONE          |               |                   |
| 2.36          | 71430-0006  | 2.71                                          | NO                   | INSTALLED     |               |                   |
| 2.36          | 71430-0004  | 2.71                                          | YES                  | NONE          |               |                   |
| 2.36          | 71430-0009  | 2.71                                          | YES                  | INSTALLED     |               |                   |
| 2.36          | 71430-0016  | 2.71                                          | NO                   | LOOSE IN BAGS |               |                   |
| 2.36          | 71430-0019  | 2.71                                          | YES                  | LOOSE IN BAGS |               |                   |
| 2.36          | 71430-0012  | 2.71                                          | YES                  | NONE          | 5.3           | 6.30 MAXIMUM      |
| 1.60          | 71430-0013  | 2.08                                          | YES                  | NONE          |               |                   |



SHIELD WITH  
STANDARD GROUND TABS

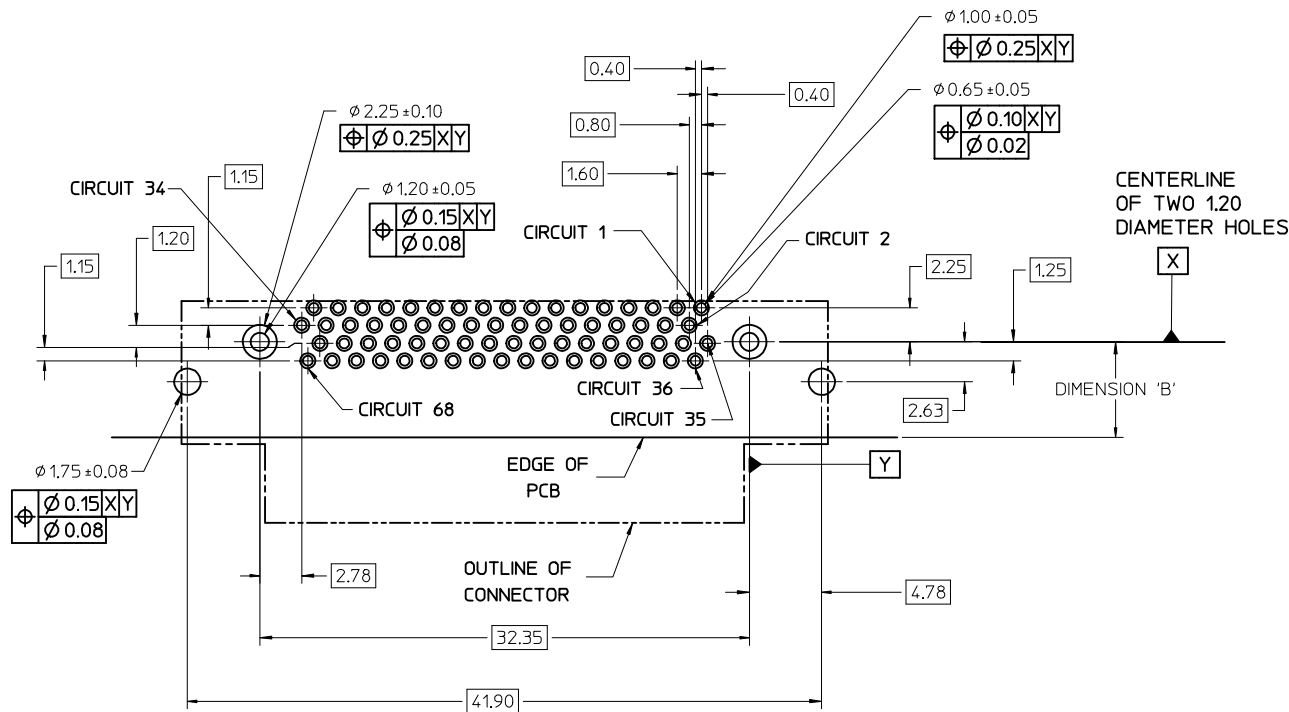


SHIELD WITH  
ENHANCED GROUND TABS



OPTIONAL SCREWLOCK  
PART NUMBER 71433-0002

|                                                                                      |            |            |             |                 |                                                                                                                                                                                                                                                                                  |          |        |                            |             |                                                                                                                               |                            |                                                                                                                 |  |  |  |
|--------------------------------------------------------------------------------------|------------|------------|-------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|----------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------------------------------------------------------------|--|--|--|
| SEE SHEET 1<br>EC NO: UCP2012-3896<br>DRAWN: BARKER<br>CHKD: MWOLFE<br>APPR: SMILLER | 2012/05/29 | 2012/08/31 | DESCRIPTION | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                                                                                                                                                            |          |        | DIMENSION STYLE<br>MM ONLY |             | SCALE<br>4:1                                                                                                                  | DESIGN UNITS<br>METRIC     |  THIRD ANGLE<br>PROJECTION |  |  |  |
|                                                                                      |            |            |             |                 |  =0<br> =0<br> =0 |          |        |                            |             |                                                                                                                               |                            |                                                                                                                 |  |  |  |
|                                                                                      |            |            |             |                 |                                                                                                                                                                                                                                                                                  | 4 PLACES | ± ---  | ± ---                      | DRAWN BY    | DATE                                                                                                                          | TITLE                      |                                                                                                                 |  |  |  |
|                                                                                      |            |            |             |                 |                                                                                                                                                                                                                                                                                  | 3 PLACES | ± ---  | ± ---                      | CHECKED BY  | DATE                                                                                                                          | VHDCI RIGHT ANGLE ASSEMBLY |                                                                                                                 |  |  |  |
|                                                                                      |            |            |             |                 |                                                                                                                                                                                                                                                                                  | 2 PLACES | ± 0.13 | ± ---                      | KSTILES     | 11/15/2002                                                                                                                    | molex                      |                                                                                                                 |  |  |  |
|                                                                                      |            |            |             |                 |                                                                                                                                                                                                                                                                                  | 1 PLACE  | ± 0.25 | ± ---                      | APPROVED BY | DATE                                                                                                                          |                            |                                                                                                                 |  |  |  |
| 0 PLACE                                                                              | ±          | ±          | MBNAKIS     | 11/22/2002      |                                                                                                                                                                                                                                                                                  |          |        |                            |             |                                                                                                                               |                            |                                                                                                                 |  |  |  |
| REV                                                                                  | N          |            |             |                 | ANGULAR ±1/2°                                                                                                                                                                                                                                                                    |          |        | MATERIAL NO.               |             | DOCUMENT NO.                                                                                                                  |                            | SHEET NO.                                                                                                       |  |  |  |
|                                                                                      |            |            |             |                 | DRAFT WHERE APPLICABLE                                                                                                                                                                                                                                                           |          |        | SEE TABLE                  |             | SD-71430-015                                                                                                                  |                            | 2 OF 3                                                                                                          |  |  |  |
|                                                                                      |            |            |             |                 | MUST REMAIN WITHIN DIMENSIONS                                                                                                                                                                                                                                                    |          |        | SIZE<br>C                  |             | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                            |                                                                                                                 |  |  |  |



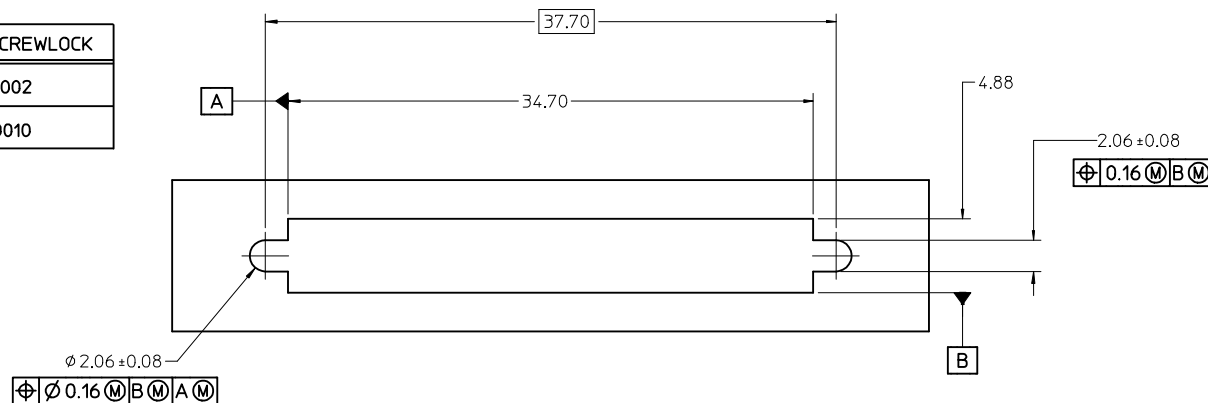
# NOTES:

1. FOR FULL MATE WITH PLUG, PANEL THICKNESS SHOULD NOT EXCEED 1.0mm.

FUNCTIONAL MATING WITH MOLEX PLUG CAN STILL BE MAINTAINED WITH PANELS AS THICK AS 2.5mm (BUT PLUG AND RECEPTACLE WILL NOT BE FULLY MATED).

## 2. GUIDELINES FOR CHOOSING A MOLEX SCREWLOCK:

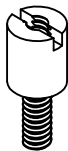
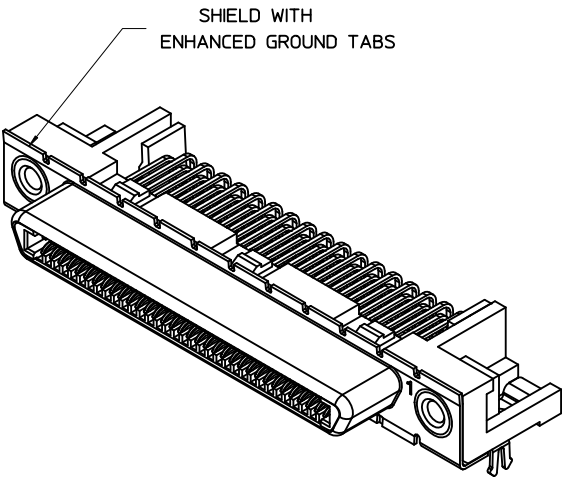
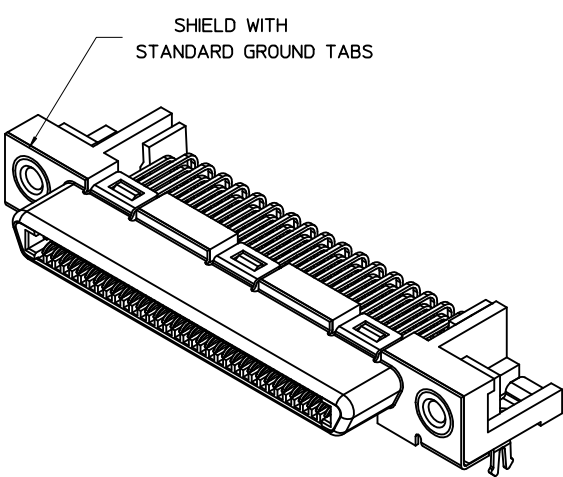
| PANEL THICKNESS               | RECOMMENDED SCREWLOCK |
|-------------------------------|-----------------------|
| LESS THAN OR EQUAL TO 1.00 MM | 71433-0002            |
| 1.01 TO 2.15 MM               | 71433-0010            |



|                                                                                                                                                    |             |                                                                                                                               |                                                      |       |                 |             |              |                            |                                   |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|-------|-----------------|-------------|--------------|----------------------------|-----------------------------------|------------------|
| <div>SEE SHEET 1</div> <div>EC NO: UCP2012-3896</div> <div>DRWN:BBARKER 2012/05/29</div> <div>CHKD:MWOLFE</div> <div>APPR:SMILLER 2012/08/31</div> | DESCRIPTION | QUALITY SYMBOLS                                                                                                               | GENERAL TOLERANCES (UNLESS SPECIFIED)                |       | DIMENSION STYLE |             | SCALE        | DESIGN UNITS               | <div>THIRD ANGLE PROJECTION</div> |                  |
|                                                                                                                                                    |             |                                                                                                                               |                                                      |       | MM ONLY         |             | 4:1          | METRIC                     |                                   |                  |
|                                                                                                                                                    |             |                                                                                                                               |                                                      | mm    | INCH            | DRAWN BY    | DATE         | VHDCI RIGHT ANGLE ASSEMBLY |                                   |                  |
|                                                                                                                                                    |             |                                                                                                                               | 4 PLACES                                             | ±---  | ±---            | KSTILES     | 11/14/2002   |                            |                                   |                  |
|                                                                                                                                                    |             |                                                                                                                               | 3 PLACES                                             | ±---  | ±---            | CHECKED BY  | DATE         |                            |                                   |                  |
|                                                                                                                                                    |             |                                                                                                                               | 2 PLACES                                             | ±0.13 | ±---            | KSTILES     | 11/15/2002   |                            |                                   |                  |
|                                                                                                                                                    |             |                                                                                                                               | 1 PLACE                                              | ±0.25 | ±---            | APPROVED BY | DATE         |                            |                                   |                  |
|                                                                                                                                                    |             |                                                                                                                               | 0 PLACE                                              | ±     | ±               | MBNAKIS     | 11/22/2002   | molex                      |                                   |                  |
|                                                                                                                                                    |             |                                                                                                                               | ANGULAR ±1/2°                                        |       | MATERIAL NO.    |             | DOCUMENT NO. |                            |                                   |                  |
|                                                                                                                                                    |             |                                                                                                                               | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |       | SEE SHEET 2     |             | SD-71430-015 |                            |                                   | SHEET NO. 3 OF 3 |
| REV                                                                                                                                                | SIZE C      | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                      |       |                 |             |              |                            |                                   |                  |

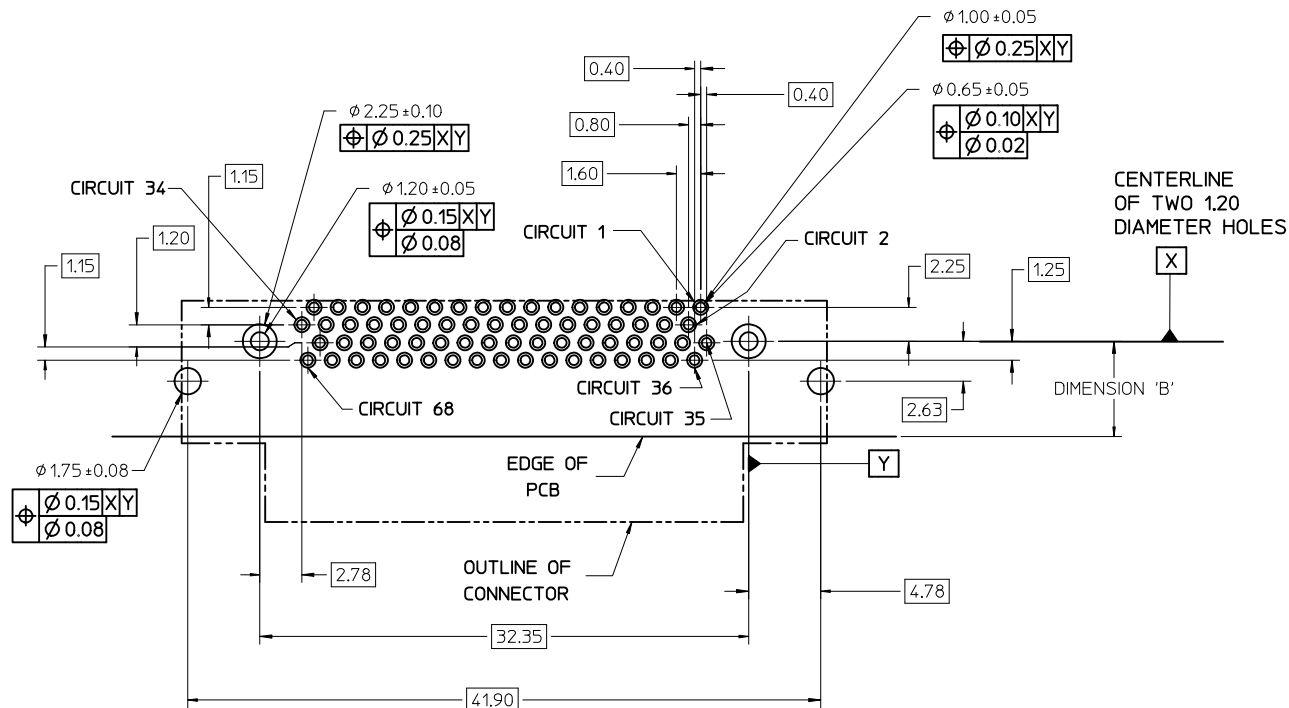


| PCB THICKNESS | PART NUMBER | TAIL LENGTH<br>*T*<br>+0.50/-0.25 | ENHANCED<br>GROUND TABS | SCREWLOCKS<br>(SEE GUIDELINE FOR CHOOSING<br>A SCREWLOCK ON SHEET 3) | TAIL<br>LOCATION<br>*A* | PCB HOLE<br>LOCATION<br>*B* |
|---------------|-------------|-----------------------------------|-------------------------|----------------------------------------------------------------------|-------------------------|-----------------------------|
| 1.60          |             | 2.08                              | NO                      | NONE                                                                 | 5.50                    | 6.50 MAXIMUM                |
| 1.60          |             | 2.08                              | NO                      | 71433-2002 LOOSE IN BAGS                                             |                         |                             |
| 1.60          |             | 2.08                              | YES                     | NONE                                                                 |                         |                             |
| 1.60          |             | 2.08                              | YES                     | 71433-2002 LOOSE IN BAGS                                             |                         |                             |
| 2.36          |             | 2.71                              | NO                      | NONE                                                                 |                         |                             |
| 2.36          |             | 2.71                              | NO                      | 71433-2002 INSTALLED                                                 |                         |                             |
| 2.36          |             | 2.71                              | YES                     | NONE                                                                 |                         |                             |
| 2.36          |             | 2.71                              | YES                     | 71433-2002 INSTALLED                                                 |                         |                             |
| 2.36          |             | 2.71                              | NO                      | 71433-2002 LOOSE IN BAGS                                             |                         |                             |
| 2.36          | 71430-3019  | 2.71                              | YES                     | 71433-2002 LOOSE IN BAGS                                             | 5.30                    | 6.30 MAXIMUM                |
| 2.36          |             | 2.71                              | YES                     | NONE                                                                 |                         |                             |
| 1.60          |             | 2.08                              | YES                     | NONE                                                                 |                         |                             |



OPTIONAL SCREWLOCK  
PART NUMBER 71433-2002 SHOWN  
(SEE GUIDELINE FOR CHOOSING  
A SCREWLOCK ON SHEET 3)

|                                                                                                           |                    |                                                                 |                                       |        |                                                            |                        |                    |                                     |                                                                                                              |                                                                                                                                  |           |
|-----------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------------------------------------|---------------------------------------|--------|------------------------------------------------------------|------------------------|--------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------|
| SEE SHEET 1<br>EC NO: UCP2012-2552<br>DRAWN:BBARKER 2012/02/09<br>CHKD:DMORGAN<br>APPR:SMILLER 2012/03/22 | DESCRIPTION<br>REV | QUALITY SYMBOLS<br><div>▽=0</div> <div>▽=0</div> <div>▽=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED) |        | DIMENSION STYLE<br>MM ONLY                                 |                        | SCALE<br>4:1       | DESIGN UNITS<br>METRIC              |  THIRD ANGLE PROJECTION |                                                                                                                                  |           |
|                                                                                                           |                    |                                                                 |                                       | mm     | INCH                                                       | DRAWN BY<br>BBARKER    | DATE<br>2011/02/17 | TITLE<br>VHDCI RIGHT ANGLE ASSEMBLY |                                                                                                              |                                                                                                                                  |           |
|                                                                                                           |                    |                                                                 | 4 PLACES                              | ± ---  | ± ---                                                      | CHECKED BY<br>BSMART   | DATE<br>2011/02/17 |                                     |                                                                                                              |                                                                                                                                  |           |
|                                                                                                           |                    |                                                                 | 3 PLACES                              | ± ---  | ± ---                                                      | APPROVED BY<br>SMILLER | DATE<br>2011/02/25 | molex MOLEX INCORPORATED            |                                                                                                              |                                                                                                                                  |           |
|                                                                                                           |                    |                                                                 | 2 PLACES                              | ± 0.13 | ± ---                                                      | MATERIAL NO.           |                    |                                     |                                                                                                              | DOCUMENT NO.                                                                                                                     | SHEET NO. |
|                                                                                                           |                    |                                                                 | 1 PLACE                               | ± 0.25 | ± ---                                                      | SEE TABLE              |                    | SD-71430-3000                       |                                                                                                              | 2 OF 3                                                                                                                           |           |
|                                                                                                           |                    |                                                                 | ANGULAR ±1/2°                         |        | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                        | SIZE<br>C          |                                     |                                                                                                              | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |           |



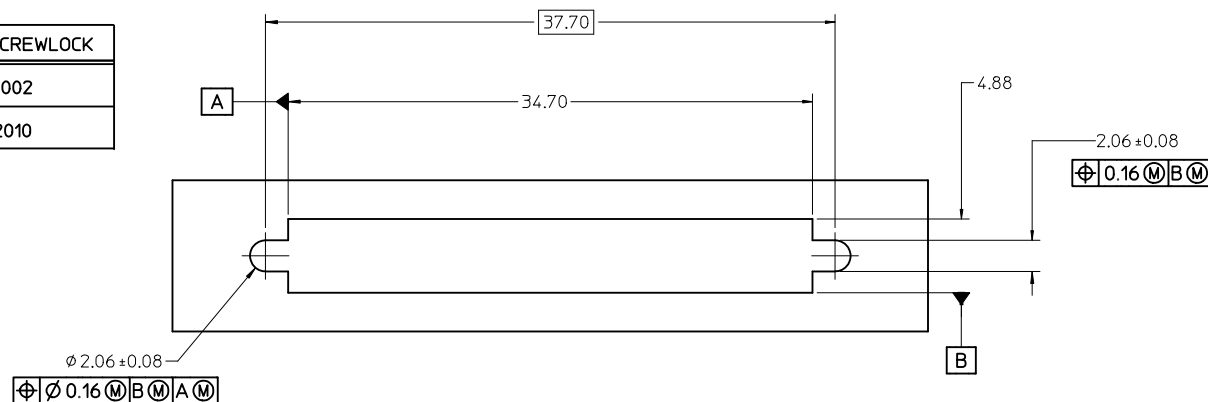
NOTES:

1. FOR FULL MATE WITH PLUG, PANEL THICKNESS SHOULD NOT EXCEED 1.0mm.

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2. GUIDELINE FOR CHOOSING A MOLEX SCREWLOCK:

| PANEL THICKNESS               | RECOMMENDED SCREWLOCK |
|-------------------------------|-----------------------|
| LESS THAN OR EQUAL TO 1.00 MM | 71433-2002            |
| 1.01 TO 2.15 MM               | 71433-2010            |



|                                                                                                          |          |             |                                      |                                                      |        |                            |                     |                     |                               |                        |  |                                                                                                                               |           |  |  |  |
|----------------------------------------------------------------------------------------------------------|----------|-------------|--------------------------------------|------------------------------------------------------|--------|----------------------------|---------------------|---------------------|-------------------------------|------------------------|--|-------------------------------------------------------------------------------------------------------------------------------|-----------|--|--|--|
| SEE SHEET 1<br>EC NO: UCP2012-2552<br>DRWN:BBARKER 2012/02/09<br>CHKD:JMORGAN<br>APPR:SMILLER 2012/03/22 | REV<br>B | DESCRIPTION | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                |        | DIMENSION STYLE<br>MM ONLY |                     | SCALE<br>4:1        | DESIGN UNITS<br>METRIC        | THIRD ANGLE PROJECTION |  |                                                                                                                               |           |  |  |  |
|                                                                                                          |          |             |                                      |                                                      | mm     | INCH                       | DRAWN BY<br>BBARKER | DATE<br>2011/02/17  | VHDCI RIGHT ANGLE ASSEMBLY    |                        |  |                                                                                                                               |           |  |  |  |
|                                                                                                          |          |             |                                      | 4 PLACES                                             | ± ---  | ± ---                      | CHECKED BY          | DATE                |                               |                        |  |                                                                                                                               |           |  |  |  |
|                                                                                                          |          |             |                                      | 3 PLACES                                             | ± ---  | ± ---                      | BSMART              | 2011/02/17          | MOLEX INCORPORATED            |                        |  |                                                                                                                               |           |  |  |  |
|                                                                                                          |          |             |                                      | 2 PLACES                                             | ± 0.13 | ± ---                      | APPROVED BY         | DATE                |                               |                        |  |                                                                                                                               |           |  |  |  |
|                                                                                                          |          |             |                                      | 1 PLACE                                              | ± 0.25 | ± ---                      | SMILLER             | 2011/02/25          | DOCUMENT NO.<br>SD-71430-3000 |                        |  |                                                                                                                               |           |  |  |  |
|                                                                                                          |          |             |                                      | ANGULAR ±1/2°                                        |        | MATERIAL NO.               |                     | SHEET NO.<br>3 OF 3 |                               |                        |  |                                                                                                                               |           |  |  |  |
|                                                                                                          |          |             |                                      | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |        |                            |                     |                     |                               |                        |  |                                                                                                                               | SEE TABLE |  |  |  |
|                                                                                                          |          |             |                                      |                                                      |        |                            |                     |                     |                               | SIZE                   |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |           |  |  |  |
|                                                                                                          |          |             |                                      |                                                      |        |                            |                     |                     |                               |                        |  |                                                                                                                               |           |  |  |  |



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

Наши преимущества:

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

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

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



#### Как с нами связаться

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

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