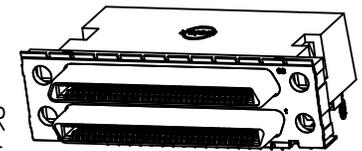
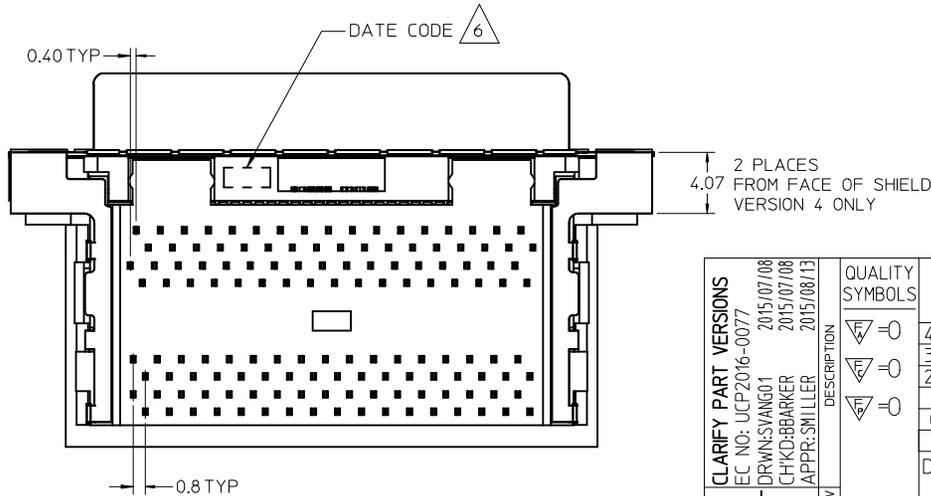
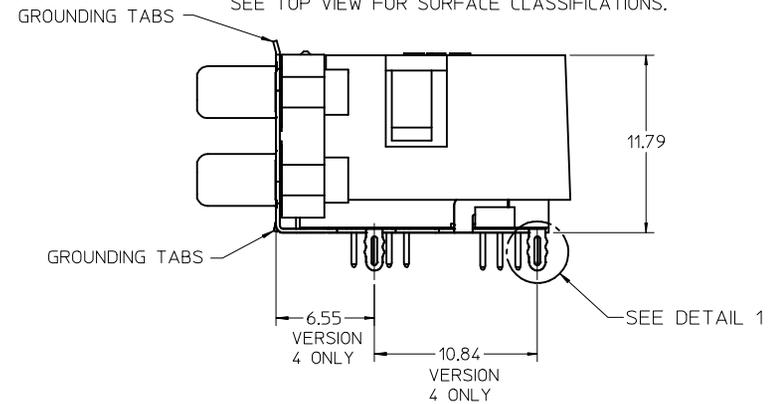
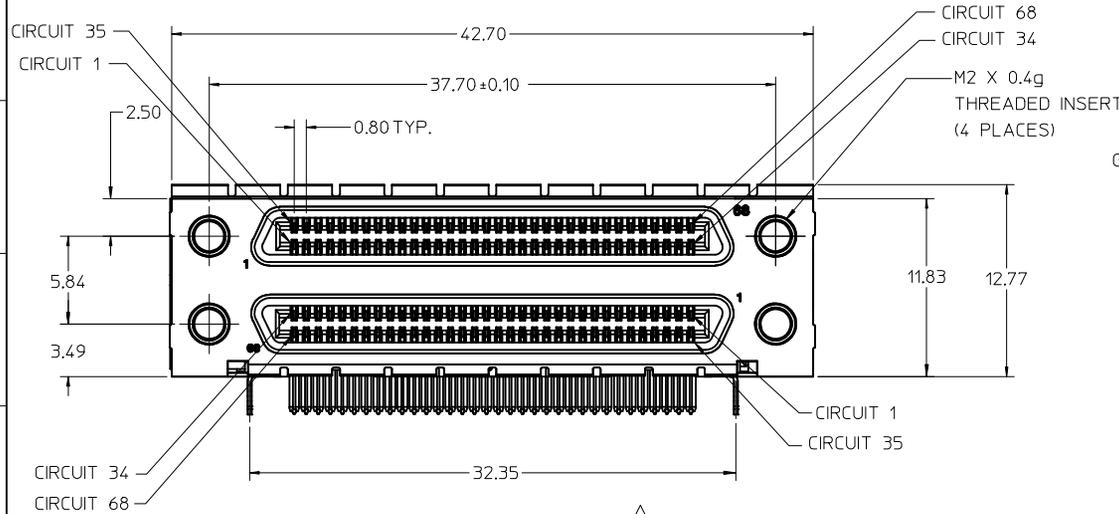


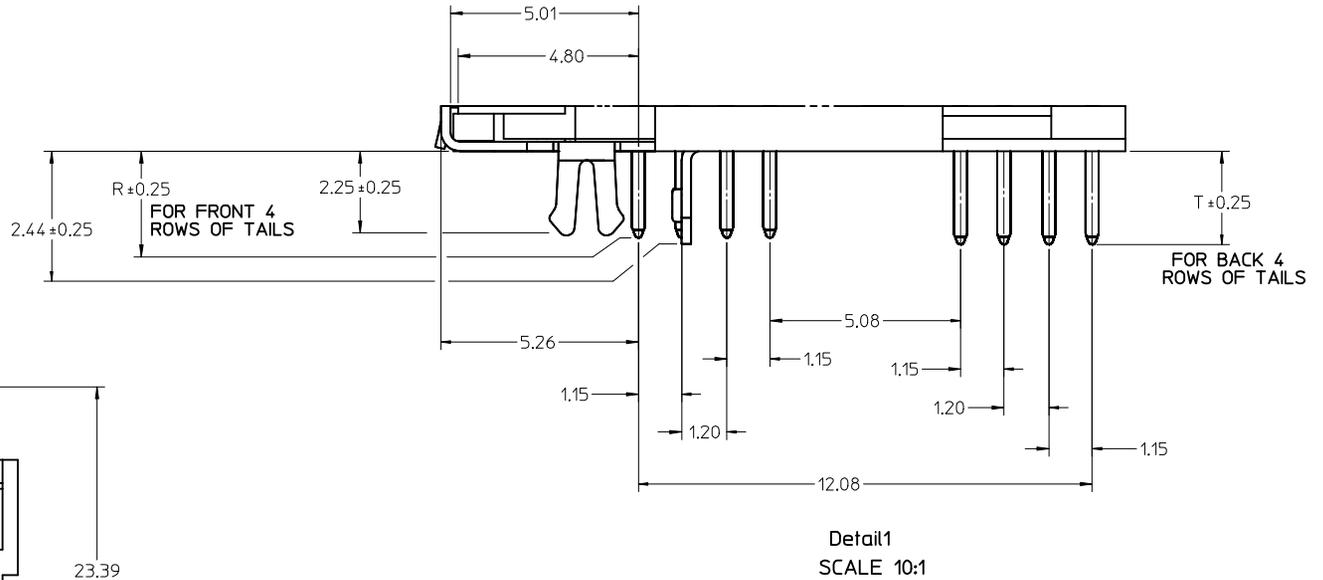
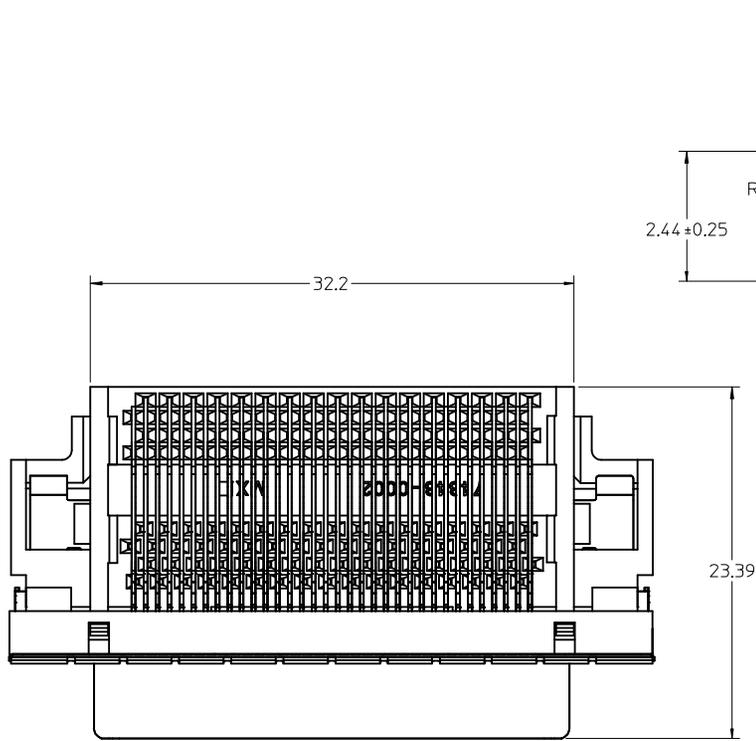
NOTES:

- MATERIALS:
HOUSING, COVER, AND TAIL ALIGNER: HIGH TEMPERATURE THERMOPLASTIC, UL94, V-0 RATED, COLOR: BLACK
TERMINAL: PHOSPHOR BRONZE ALLOY
BRACKET: BRASS
SHELL: STEEL
INSERT: BRASS
- 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, ALL OVER NICKEL.
BRACKET: 5.0 MICROMETERS MINIMUM BRIGHT TIN,
SHIELD: 3.81 MICROMETERS MINIMUM BRIGHT TIN OVER 1.27 MICROMETERS MINIMUM NICKEL OVER COPPER FLASH (OPTIONAL).
INSERT: 2.54 MICROMETERS MINIMUM NICKEL.
- PRODUCT SPECIFICATION: PS-71425-9999.
- PACKAGING SPECIFICATION: TRAY PACK PER PK-74337-001.
- APPLICABLE STANDARDS: EIA-700A0AF AND SFF-8441.
- DATE CODE: YR/WK PER EIA-476-A.
- TORQUE TO INSTALL SCREWLOCKS INTO THREADED INSERTS: 0.37 Nm MAXIMUM
- PRODUCT COMPLIES WITH COSMETIC SPECIFICATION PS-45499-002. SEE TOP VIEW FOR SURFACE CLASSIFICATIONS.



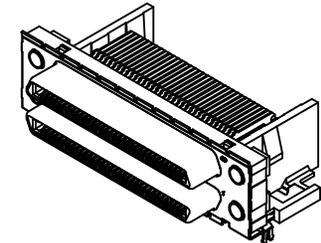
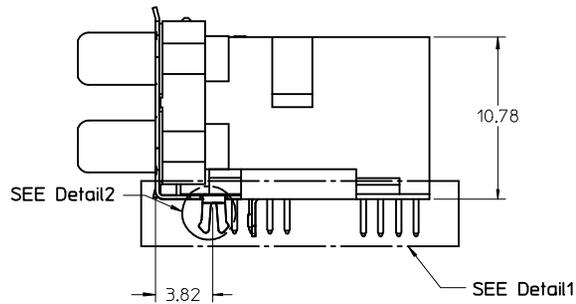
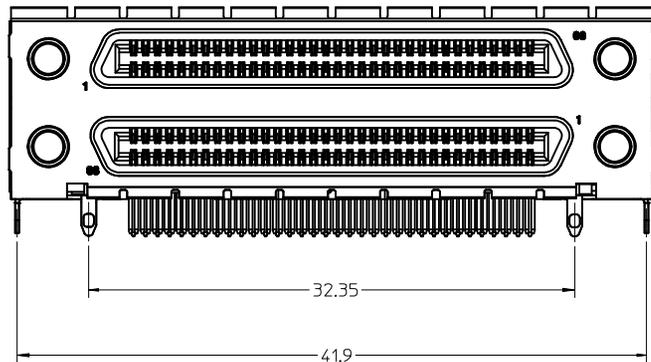
VERSION 4 WITH COVER SHOWN ON THIS SHEET

| | | | | | | | | | | |
|---|---------------------|---|---|-----------------------------------|--|---------------------|---------------------------------|------------------------|--|--|
| CLARIFY PART VERSIONS EC NO: UCP2016-0077 DRWNSVANG01 2015/07/08 CHKD:BBARKER 2015/07/08 APPR:SMILLER 2015/08/13 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE 3:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | |
| | | mm INCH | DRAWN BY DATE RKADAMS 04/8/27 | | CHECKED BY DATE BBARKER 04/8/27 | | SALES ASSEMBLY VHDCI STACKED | | | |
| | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± ± | APPROVED BY DATE SMILLER 04/8/27 | | MATERIAL NO. SEE TABLE | | | | | |
| | | | ANGULAR ± 1 ° | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | molex | | | |
| | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | |



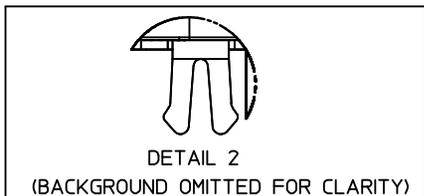
VERSION 1 WITHOUT COVER
SHOWN ON THIS SHEET

NOTE: DIMENSIONS SHOWN ON SHEET 1
APPLY EXCEPT AS NOTED



| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|---|----|------|----------|-------|-------|----------|-------|-------|----------|--------|-------|---------|--------|-------|---------|---|---|--|---|--|
| SEE SHEET 1 IEC NO: UCP2016-0077 DRWNS:VANG01 2015/07/08 CHKD:BBARKER 2015/07/08 APPR:SMILLER 2015/08/13 | QUALITY SYMBOLS $\nabla=0$ $\nabla=0$ $\nabla=0$ | GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <td></td> <td>mm</td> <td>INCH</td> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </table> | | mm | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.13 | ± --- | 1 PLACE | ± 0.25 | ± --- | 0 PLACE | ± | ± | DIMENSION STYLE MM ONLY DRAWN BY: RKADAMS DATE: 04/8/27 CHECKED BY: BBARKER DATE: 04/8/27 APPROVED BY: SMILLER DATE: 04/8/27 | SCALE 4:1 TITLE SALES ASSEMBLY VHDCI STACKED | DESIGN UNITS METRIC THIRD ANGLE PROJECTION |
| | | mm | INCH | | | | | | | | | | | | | | | | | | | | |
| | 4 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | |
| | 3 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.13 | ± --- | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± 0.25 | ± --- | | | | | | | | | | | | | | | | | | | | | |
| 0 PLACE | ± | ± | | | | | | | | | | | | | | | | | | | | | |
| MATERIAL NO. SEE TABLE | DOCUMENT NO. SD-74337-004 | SHEET NO. 2 OF 4 | | | | | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | |

VERSION 1 PART NUMBERS

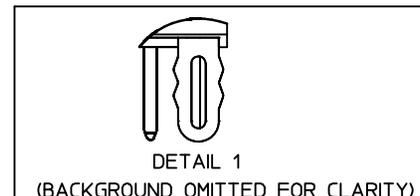


DETAIL 2
(BACKGROUND OMITTED FOR CLARITY)

BOARD RETENTION: SNAP FIT

| PCB THICKNESS | COVER | R DIM. | T DIM. | INCLUDES LOOSE PACKED SCREWLOCKS 71433-0002 SEE DRAWING SD-71433-005 | GROUNDING TABS | PART NUMBER |
|---------------|-------|--------|--------|--|----------------|-------------|
| 1.60±0.16 | YES | 2.30 | 2.48 | NO | YES | 74337-0911 |
| 1.60±0.16 | YES | 2.08 | | NO | YES | 74337-0912 |
| 1.60±0.16 | NO | 2.30 | 2.48 | NO | YES | 74337-0915 |
| 1.60±0.16 | NO | 2.08 | | NO | YES | |
| 1.60±0.16 | YES | 2.30 | 2.48 | YES | YES | |
| 1.60±0.16 | YES | 2.08 | | YES | YES | |
| 1.60±0.16 | NO | 2.30 | 2.48 | YES | YES | |
| 1.60±0.16 | NO | 2.08 | | YES | YES | |
| 2.36±0.16 | YES | 3.44 | 3.62 | NO | YES | |
| 2.36±0.16 | NO | 3.44 | 3.62 | NO | YES | |
| 2.36±0.16 | YES | 3.44 | 3.62 | YES | YES | 74337-0972 |
| 2.36±0.16 | NO | 3.44 | 3.62 | YES | YES | |
| 1.60±0.16 | YES | 2.08 | | INSTALLED ON PART | YES | |

VERSION 4 PART NUMBERS



DETAIL 1
(BACKGROUND OMITTED FOR CLARITY)

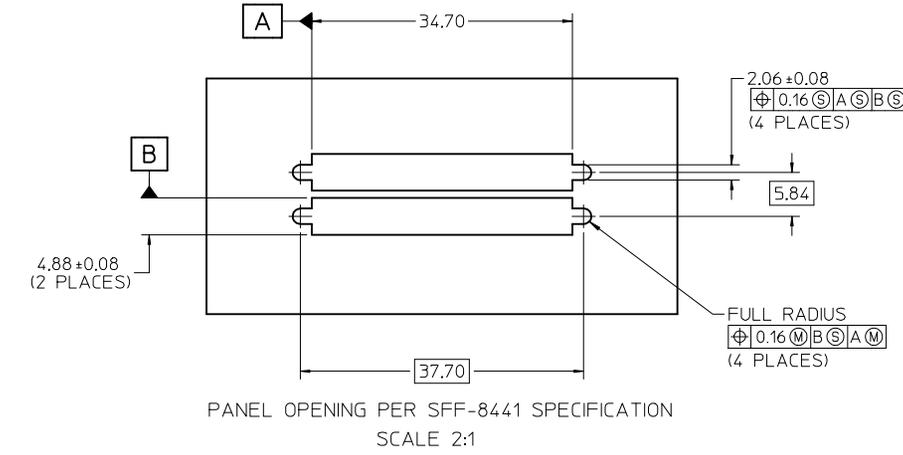
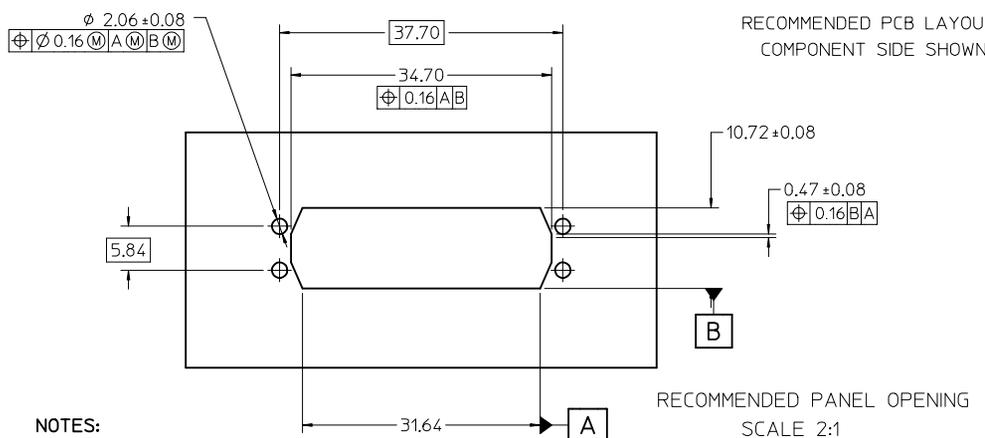
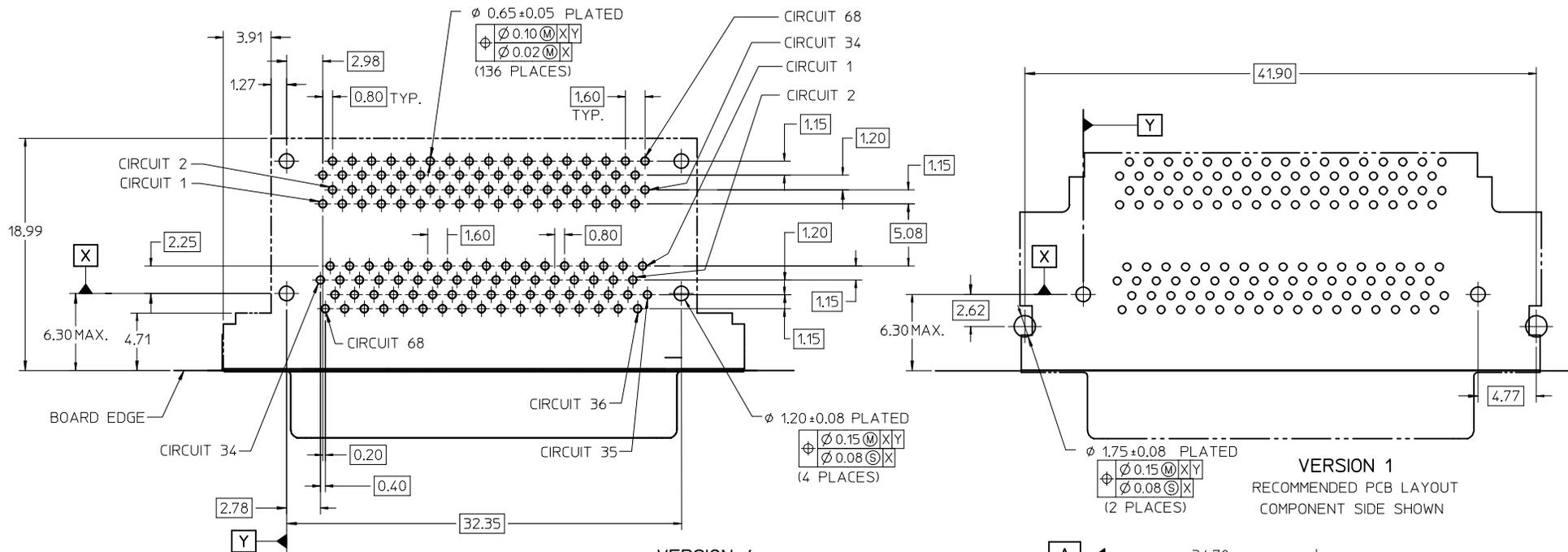
BOARD RETENTION: PRESS FIT

| PCB THICKNESS | COVER | R DIM. | T DIM. | INCLUDES LOOSE PACKED SCREWLOCKS 71433-0002 SEE DRAWING SD-71433-005 | GROUNDING TABS | PART NUMBER |
|---------------|-------|--------|--------|--|----------------|-------------|
| 1.60±0.16 | YES | 2.30 | 2.48 | NO | YES | |
| 1.60±0.16 | YES | 2.08 | | NO | NO | 74337-0951 |
| 1.60±0.16 | NO | 2.30 | 2.48 | NO | YES | |
| 1.60±0.16 | NO | 2.08 | | NO | YES | |
| 1.60±0.16 | YES | 2.08 | | NO | YES | |
| 1.60±0.16 | YES | 2.30 | 2.48 | YES | YES | |
| 1.60±0.16 | YES | 2.08 | | YES | YES | |
| 1.60±0.16 | NO | 2.30 | 2.48 | YES | YES | |
| 1.60±0.16 | NO | 2.08 | | YES | YES | |
| 2.36±0.16 | YES | 3.44 | 3.62 | NO | YES | 74337-0952 |
| 2.36±0.16 | NO | 3.44 | 3.62 | NO | YES | |
| 2.36±0.16 | YES | 3.44 | 3.62 | YES | YES | |
| 2.36±0.16 | NO | 3.44 | 3.62 | YES | YES | |
| 1.60±0.16 | YES | 2.08 | | INSTALLED ON PART | YES | |



OPTIONAL SCREWLOCK
71433-0002

| | | | | | | |
|---|----------------------|---------------------------------------|---|--|-------------------------------|------------------------|
| SEE SHEET 1 EC NO: UCP2016-0077 DRWNSYANG01 2015/07/08 CHKD:BBARKER 2015/07/08 APPR:SMILLER 2015/08/13 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE MM ONLY | SCALE 3:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
| | ▽=0 | mm INCH | DRAWN BY DATE RKADAMS 04/8/27 | SALES ASSEMBLY VHDCI STACKED | | |
| | ▽=0 | 4 PLACES ± --- ± --- | CHECKED BY DATE BBARKER 04/8/27 | | | |
| | ▽=0 | 3 PLACES ± --- ± --- | APPROVED BY DATE SMILLER 04/8/27 | molex DOCUMENT NO. SD-74337-004 SHEET NO. 3 OF 4 | | |
| | ▽=0 | 2 PLACES ± 0.13 ± --- | MATERIAL NO. | | | |
| | 1 PLACE ± 0.25 ± --- | ANGULAR ± 1 ° | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | |
| | 0 PLACE ± ± | SIZE C | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |



NOTES:

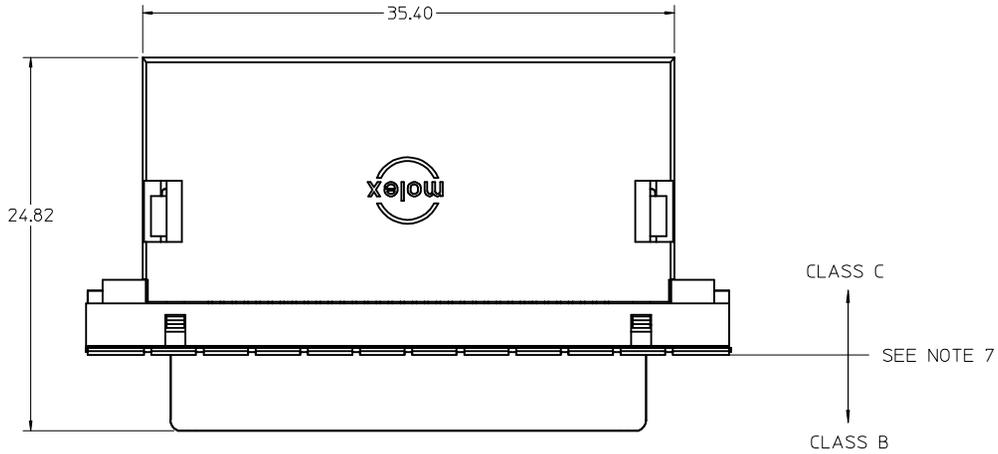
1. FOR FULL MATE WITH PLUG, PANEL THICKNESS SHOULD NOT EXCEED 1.0mm.

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:

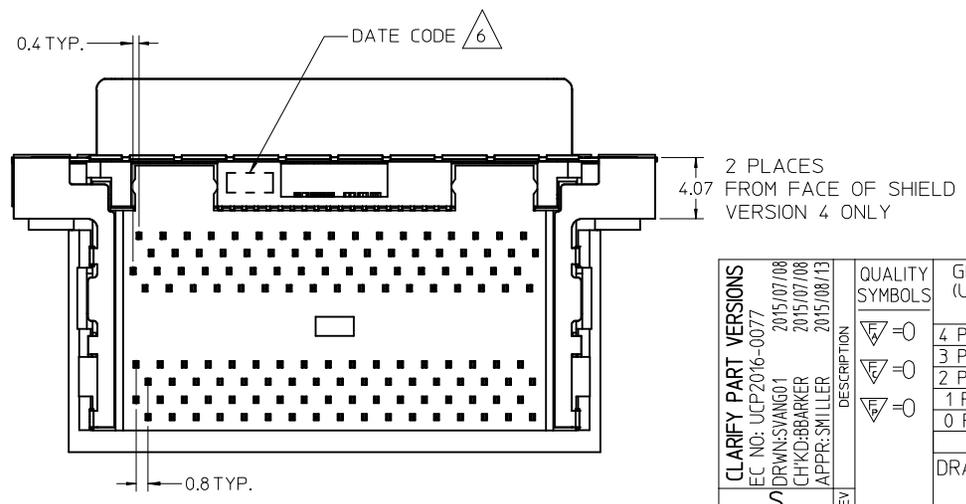
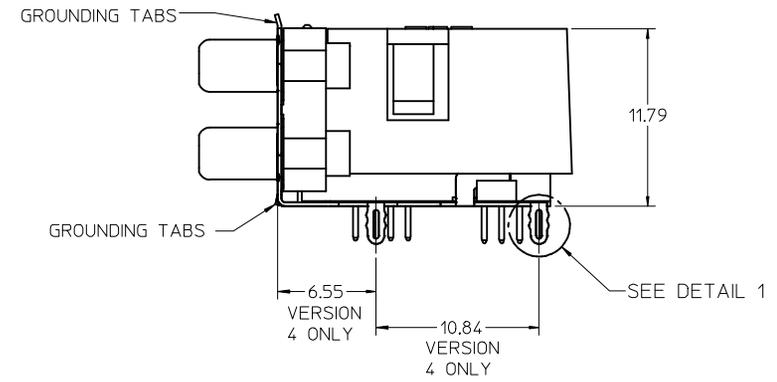
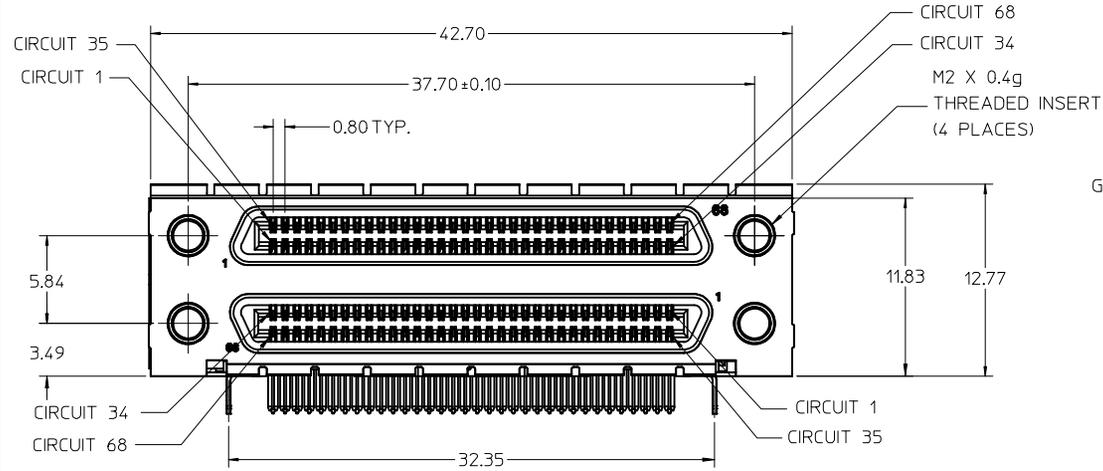
| PANEL THICKNESS | RECOMMENDED SCREWLOCK |
|-------------------------------|-----------------------|
| LESS THAN OR EQUAL TO 1.00 MM | 71433-0002 |
| 1.01 TO 2.15 MM | 71433-0010 |

| SEE SHEET 1 EC NO: UCP2016-0077 DRWNSVANG01 2015/07/08 CHKD:BBARKER 2015/07/08 APPR:SMILLER 2015/08/13 REV: | QUALITY SYMBOLS $\nabla = 0$ $\nabla = 0$ $\nabla = 0$ | GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </table> | | mm | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.13 | ± --- | 1 PLACE | ± 0.25 | ± --- | 0 PLACE | ± | ± | DIMENSION STYLE MM ONLY DRAWN BY: RKADAMS DATE: 04/8/27 CHECKED BY: BBARKER DATE: 04/8/27 APPROVED BY: SMILLER DATE: 04/8/27 | SCALE: 3:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION | SALES ASSEMBLY VHDCI STACKED molex DOCUMENT NO. SD-74337-004 SHEET NO. 4 OF 4 |
|---|---|--|---|----|------|----------|-------|-------|----------|-------|-------|----------|--------|-------|---------|--------|-------|---------|---|---|--|--|--|
| | | mm | INCH | | | | | | | | | | | | | | | | | | | | |
| | 4 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | |
| | 3 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | |
| | 2 PLACES | ± 0.13 | ± --- | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± 0.25 | ± --- | | | | | | | | | | | | | | | | | | | | | |
| 0 PLACE | ± | ± | | | | | | | | | | | | | | | | | | | | | |
| ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | MATERIAL NO. SEE TABLE | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | |

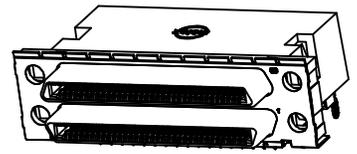


NOTES:

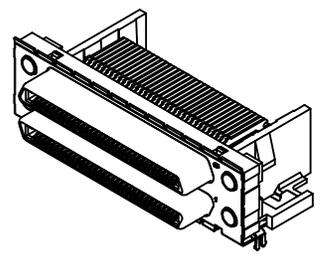
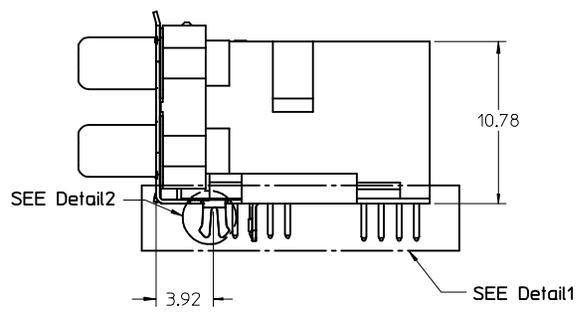
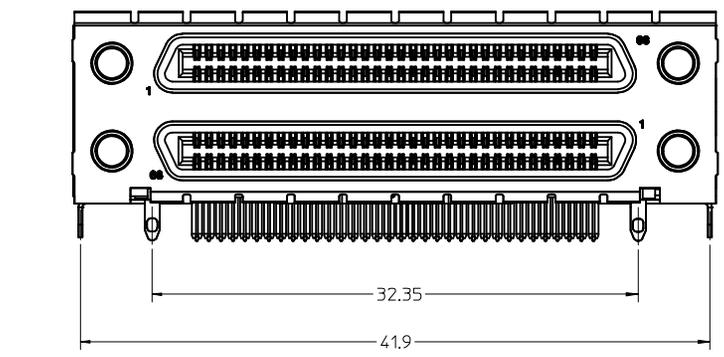
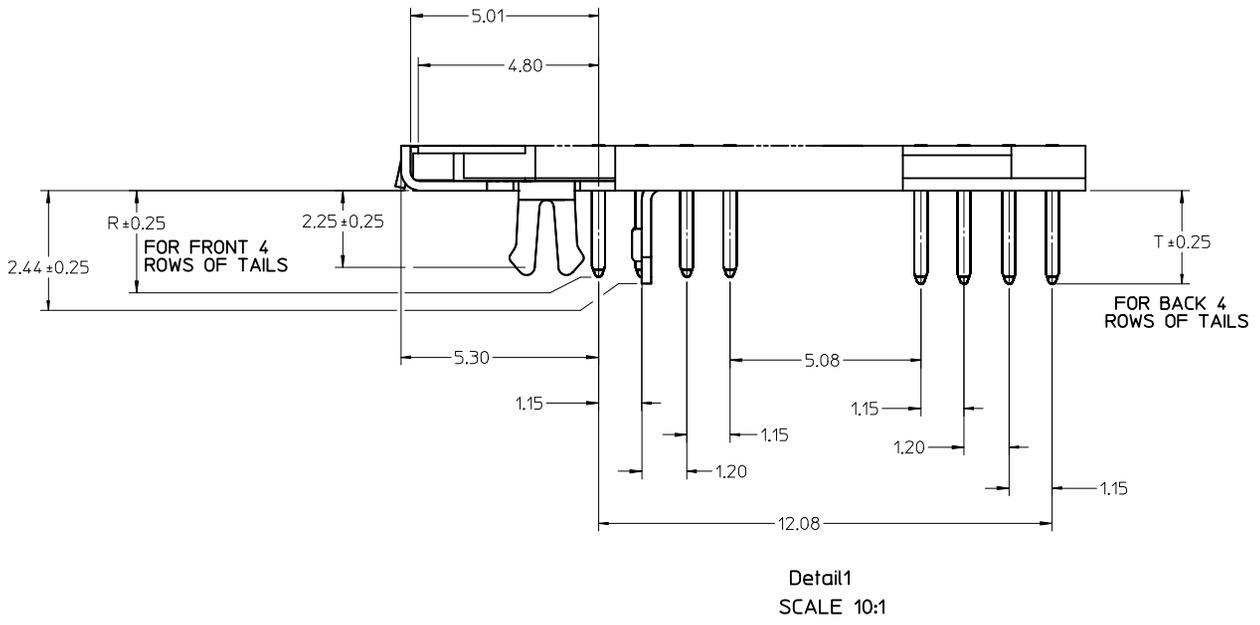
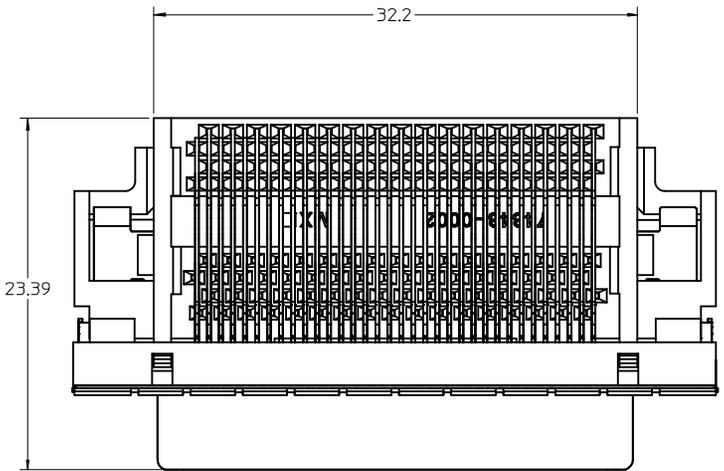
1. MATERIALS:
HOUSING, COVER, AND TAIL ALIGNER: HIGH TEMPERATURE THERMOPLASTIC, UL94, V-0 RATED, COLOR: BLACK
TERMINAL: PHOSPHOR BRONZE ALLOY
BRACKET: BRASS
SHELL: STEEL
INSERT: BRASS
2. FINISHES:
TERMINAL: 0.05-0.25 MICROMETERS GOLD FLASH IN CRITICAL AREA OVER 0.75 MICROMETERS MINIMUM PALLADIUM NICKEL IN CRITICAL AREA, 1.87 MICROMETERS MINIMUM TIN IN SOLDER TAIL AREA, ALL OVER NICKEL.
BRACKET: 5.0 MICROMETERS MINIMUM BRIGHT TIN.
SHIELD: 3.81 MICROMETERS MINIMUM BRIGHT TIN OVER 1.27 MICROMETERS MINIMUM NICKEL OVER COPPER FLASH (OPTIONAL).
INSERT: 2.54 MICROMETERS MINIMUM NICKEL.
3. PRODUCT SPECIFICATION: PS-71425-9999.
4. PACKAGING SPECIFICATION: TRAY PACK PER PK-74337-001.
5. APPLICABLE STANDARDS: EIA-700A0AF AND SFF-8441.
6. DATE CODE: YR/WK PER EIA-476-A.
7. PRODUCT COMPLIES WITH COSMETIC SPECIFICATION PS-45499-002. SEE FIGURE AT LEFT FOR SURFACE CLASSIFICATIONS.
8. TORQUE TO INSTALL SCREWLOCKS INTO THREADED INSERTS: 0.34 Nm MAXIMUM.



VERSION 4, WITH COVER SHOWN ON THIS SHEET



| CLARIFY PART VERSIONS EC NO: UCP2016-0077 DRWNS:VANG01 2015/07/08 CHKD:BBARKER 2015/07/08 APPR:SMILLER 2015/08/13 REV S | QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </tbody> </table> | | mm | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.13 | ± --- | 1 PLACE | ± 0.25 | ± --- | 0 PLACE | ± | ± | DIMENSION STYLE MM ONLY DRAWN BY DATE SSAMPSON 05.08.2001 CHECKED BY DATE MBANAK IS 05.08.2001 APPROVED BY DATE MBANAK IS 05.08.2001 | SCALE 3:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | TITLE VHDCI STACKED ASSEMBLY |
|---|--------------------------------------|--|-------------------------------------|----------------------------|------|----------|-------|-------|----------|-------|-------|----------|--------|-------|---------|--------|-------|---------|---|---|--|---------------------|-------------------------------|----------------------------|--|
| | | mm | INCH | | | | | | | | | | | | | | | | | | | | | | |
| | 4 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | |
| | 3 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | |
| | 2 PLACES | ± 0.13 | ± --- | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± 0.25 | ± --- | | | | | | | | | | | | | | | | | | | | | | | |
| 0 PLACE | ± | ± | | | | | | | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | ANGULAR ± 1 ° | MATERIAL NO. SEE TABLE | DOCUMENT NO. SD-74337-014 | SHEET NO. 1 OF 4 | | | | | | | | | | | | | | | | | | | | | |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | | | | | | |

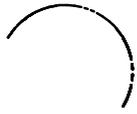


VERSION 1 WITHOUT COVER
SHOWN ON THIS SHEET

NOTE: DIMENSION SHOWN ON SHEET 1
APPLY EXCEPT AS NOTED.

| SEE SHEET 1 EC NO: UCP2016-0077 DRWNS:VANG01 2015/07/08 CHKD:BBARKER 2015/07/08 APPR:SMILLER 2015/08/13 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </table> | | mm | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.13 | ± --- | 1 PLACE | ± 0.25 | ± --- | 0 PLACE | ± | ± | DIMENSION STYLE MM ONLY DRAWN BY: SSAMPSON DATE: 05.08.2001 CHECKED BY: MBANAKIS DATE: 05.08.2001 APPROVED BY: MBANAKIS DATE: 05.08.2001 | SCALE 4:1 TITLE VHDCI STACKED ASSEMBLY | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
|--|-------------------------------------|--|---|----|------|----------|-------|-------|----------|-------|-------|----------|--------|-------|---------|--------|-------|---------|---|---|--|---|-----------------------------------|------------------------|
| | | mm | INCH | | | | | | | | | | | | | | | | | | | | | |
| | 4 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | |
| | 3 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.13 | ± --- | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± 0.25 | ± --- | | | | | | | | | | | | | | | | | | | | | | |
| 0 PLACE | ± | ± | | | | | | | | | | | | | | | | | | | | | | |
| MATERIAL NO. SEE TABLE | DOCUMENT NO. SD-74337-014 | SHEET NO. 2 OF 4 | | | | | | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | | |
| | | | molex | | | | | | | | | | | | | | | | | | | | | |

VERSION 1 PART NUMBERS



BOARD RETENTION: SNAP FIT

| PCB THICKNESS | COVER | R DIM. | T DIM. | INCLUDES LOOSE PACKED SCREWLOCKS 71433-0002 SEE DRAWING SD-71433-005 | GROUNDING TABS | PART NUMBER |
|---------------|-------|--------|--------|--|----------------|-------------|
| 1.60±0.16 | YES | 2.30 | 2.48 | NO | YES | 74337-0011 |
| 1.60±0.16 | YES | 2.08 | | NO | YES | 74337-0012 |
| 1.60±0.16 | NO | 2.30 | 2.48 | NO | YES | 74337-0015 |
| 1.60±0.16 | NO | 2.08 | | NO | YES | 74337-0016 |
| 1.60±0.16 | YES | 2.30 | 2.48 | YES | YES | 74337-0037 |
| 1.60±0.16 | YES | 2.08 | | YES | YES | 74337-0038 |
| 1.60±0.16 | NO | 2.30 | 2.48 | YES | YES | 74337-0039 |
| 1.60±0.16 | NO | 2.08 | | YES | YES | 74337-0040 |
| 2.36±0.16 | YES | 3.44 | 3.62 | NO | YES | 74337-0070 |
| 2.36±0.16 | NO | 3.44 | 3.62 | NO | YES | 74337-0071 |
| 2.36±0.16 | YES | 3.44 | 3.62 | YES | YES | 74337-0072 |
| 2.36±0.16 | NO | 3.44 | 3.62 | YES | YES | 74337-0073 |
| 1.60±0.16 | YES | 2.08 | | INSTALLED ON PART | YES | 74337-1038 |

VERSION 4 PART NUMBERS

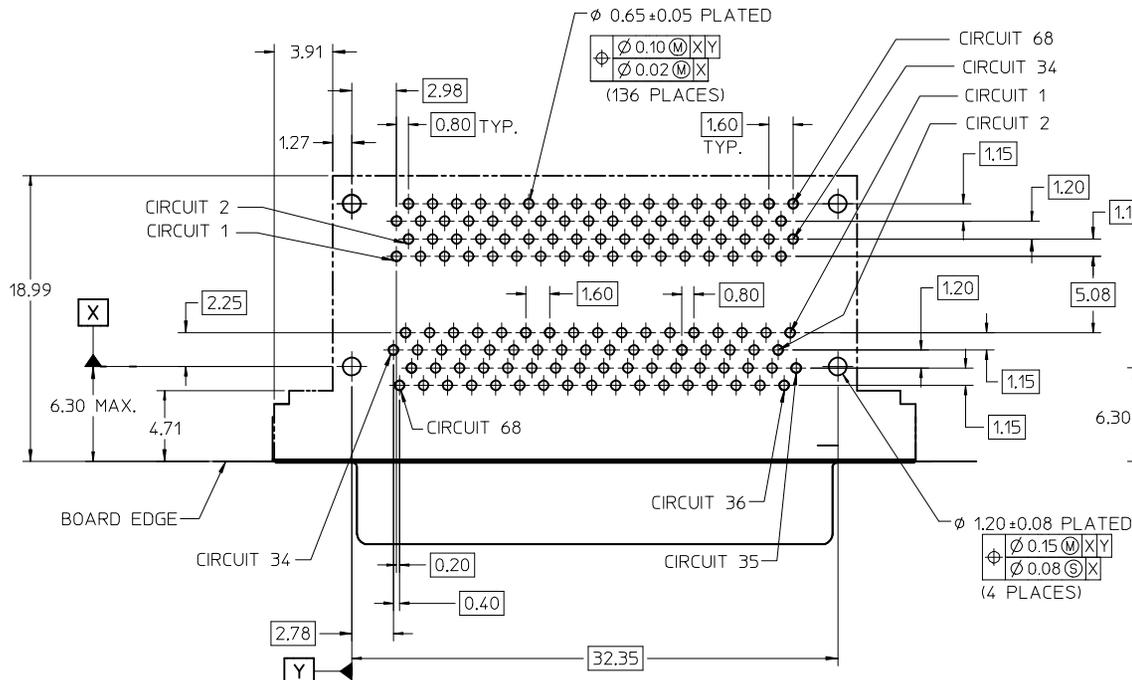


BOARD RETENTION: PRESS FIT

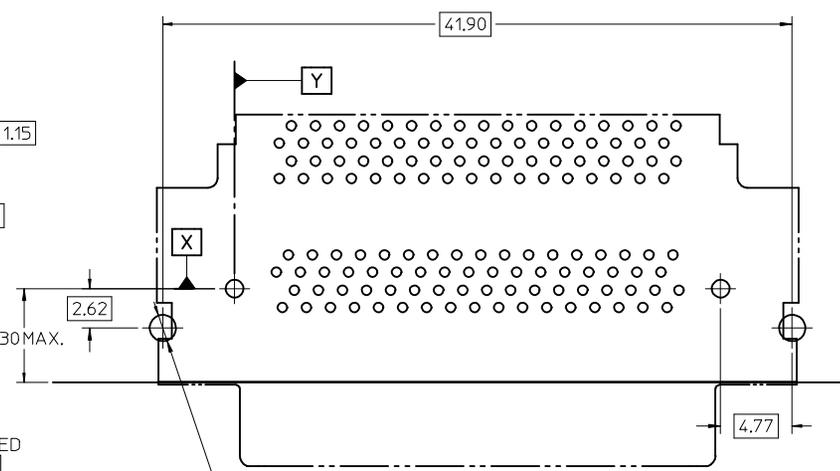
| PCB THICKNESS | COVER | R DIM. | T DIM. | INCLUDES LOOSE PACKED SCREWLOCKS 71433-0002 SEE DRAWING SD-71433-005 | GROUNDING TABS | PART NUMBER |
|---------------|-------|--------|--------|--|----------------|-------------|
| 1.60±0.16 | YES | 2.30 | 2.48 | NO | | |
| 1.60±0.16 | YES | 2.08 | | NO | | |
| 1.60±0.16 | NO | 2.30 | 2.48 | NO | | |
| 1.60±0.16 | NO | 2.08 | | NO | | |
| 1.60±0.16 | YES | 2.08 | | NO | | |
| 1.60±0.16 | YES | 2.30 | 2.48 | YES | | |
| 1.60±0.16 | YES | 2.08 | | YES | | |
| 1.60±0.16 | NO | 2.30 | 2.48 | YES | | |
| 1.60±0.16 | NO | 2.08 | | YES | | |
| 2.36±0.16 | YES | 3.44 | 3.62 | NO | | |
| 2.36±0.16 | NO | 3.44 | 3.62 | NO | | |
| 2.36±0.16 | YES | 3.44 | 3. | YES | | |
| 2.36±0.16 | NO | | | YES | | |

OPTIONAL SCREWLOCK
71433-0002

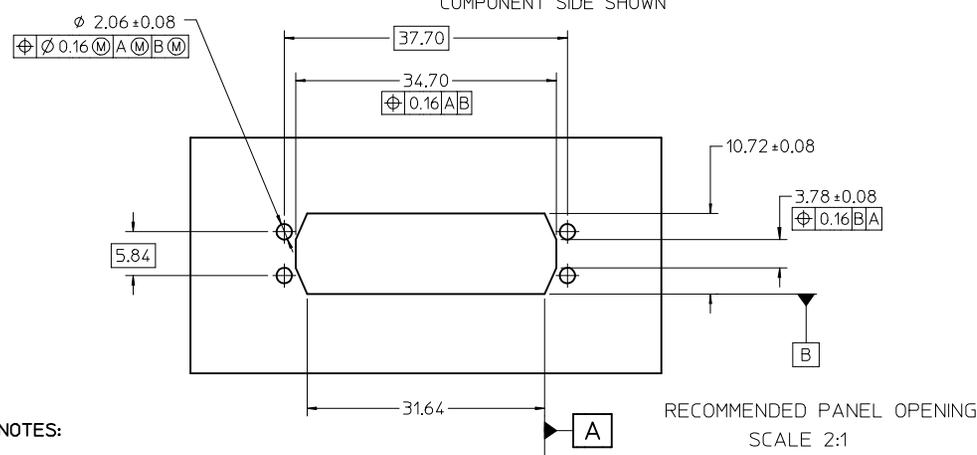
| | | | | | | |
|--|----------------------|--|---|--|-------------------------------|------------------------|
| SEE SHEET 1 EC NO: UCP2016-0077 DRWNSVANG01 2015/07/08 CHKD:BBARKER 2015/07/08 APPR:SMILLER 2015/08/13 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE MM ONLY | SCALE 3:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
| | ▽=0 | mm INCH | DRAWN BY DATE | TITLE VHDCI STACKED ASSEMBLY | | |
| | ▽=0 | 4 PLACES ± --- ± --- | SSAMPSON 05.08.2001 | CHECKED BY DATE | | |
| | ▽=0 | 3 PLACES ± --- ± --- | MBANAKIS 05.08.2001 | APPROVED BY DATE | | |
| | ▽=0 | 2 PLACES ± 0.13 ± --- | MBANAKIS 05.08.2001 | MATERIAL NO. | | |
| | 1 PLACE ± 0.25 ± --- | | DOCUMENT NO. | | | |
| | 0 PLACE ± ± | | SHEET NO. | | | |
| | ANGULAR ± 1 ° | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SEE TABLE SD-74337-014 3 OF 4 | | | |
| | | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |



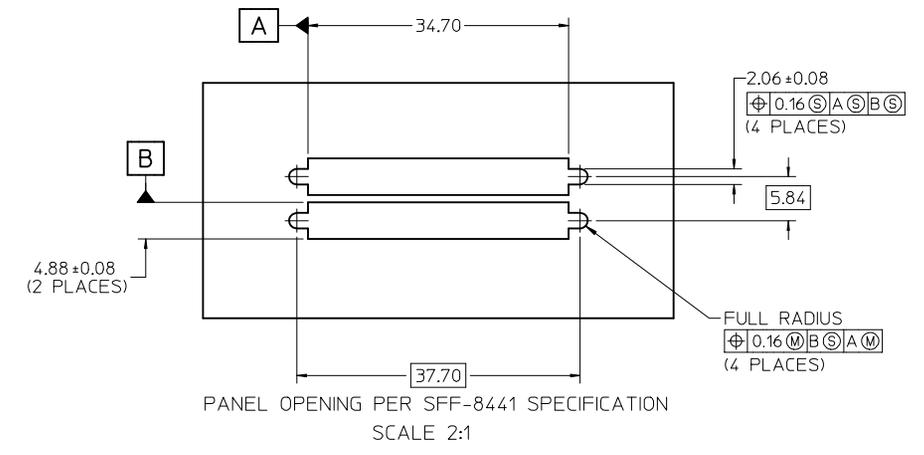
VERSION 4
RECOMMENDED PCB LAYOUT
COMPONENT SIDE SHOWN



VERSION 1
RECOMMENDED PCB LAYOUT
COMPONENT SIDE SHOWN
SAME AS VERSION 4 EXCEPT AS SHOWN



RECOMMENDED PANEL OPENING
SCALE 2:1



PANEL OPENING PER SFF-8441 SPECIFICATION
SCALE 2:1

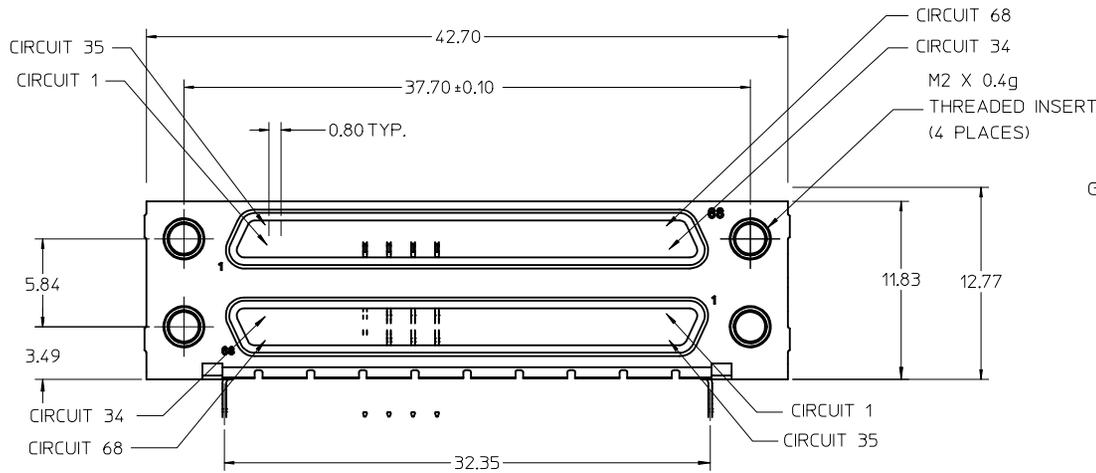
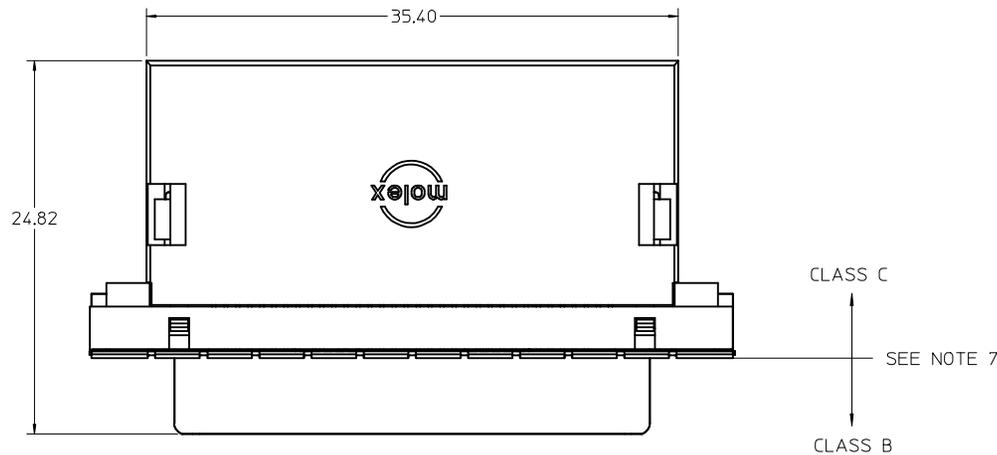
NOTES:

- 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).

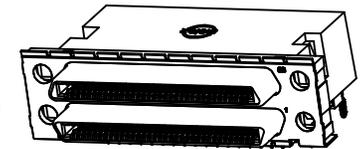
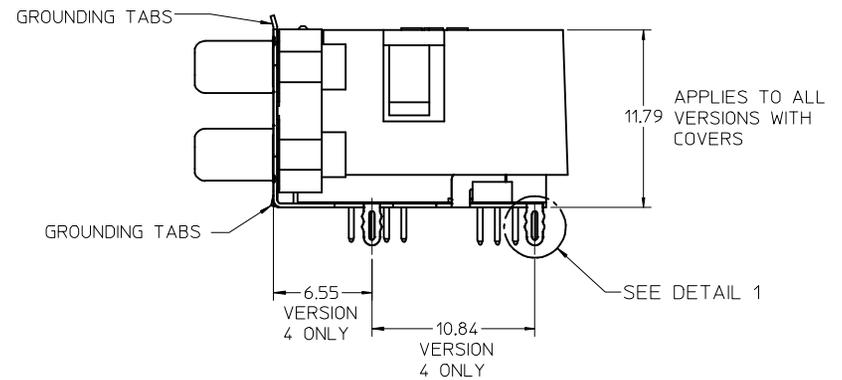
2. GUIDELINES FOR CHOOSING A MOLEX SCREWLOCK:

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

| SEE SHEET 1 EC NO: UCP2016-0077 DRWNS:VANG01 2015/07/08 CHKD:BBARKER 2015/07/08 APPR:SMILLER 2015/08/13 | QUALITY SYMBOLS $\nabla = 0$ $\nabla = 0$ $\nabla = 0$ | GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± 0.13</td> <td>± 0.005</td> </tr> <tr> <td>3 PLACES</td> <td>± 0.13</td> <td>± 0.005</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± 0.010</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± 0.010</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </tbody> </table> | | mm | INCH | 4 PLACES | ± 0.13 | ± 0.005 | 3 PLACES | ± 0.13 | ± 0.005 | 2 PLACES | ± 0.25 | ± 0.010 | 1 PLACE | ± 0.25 | ± 0.010 | 0 PLACE | ± | ± | DIMENSION STYLE MM ONLY DRAWN BY DATE SSAMPSON 05.08.2001 CHECKED BY DATE MBANAK IS 05.08.2001 APPROVED BY DATE MBANAK IS 05.08.2001 | SCALE 3:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION | TITLE VHDCI STACKED ASSEMBLY |
|--|---|--|---|----------------------------|------|----------|--------|---------|----------|--------|---------|----------|--------|---------|---------|--------|---------|---------|---|---|--|--|--|
| | | mm | INCH | | | | | | | | | | | | | | | | | | | | |
| | 4 PLACES | ± 0.13 | ± 0.005 | | | | | | | | | | | | | | | | | | | | |
| | 3 PLACES | ± 0.13 | ± 0.005 | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.25 | ± 0.010 | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± 0.25 | ± 0.010 | | | | | | | | | | | | | | | | | | | | | |
| 0 PLACE | ± | ± | | | | | | | | | | | | | | | | | | | | | |
| | | MATERIAL NO. SEE TABLE | DOCUMENT NO. SD-74337-014 | SHEET NO. 4 OF 4 | | | | | | | | | | | | | | | | | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | |



- NOTES:
- MATERIALS:
 - HOUSING, COVER, AND TAIL ALIGNER: GLASS FILLED LIQUID CRYSTAL POLYMER (LCP), UL94V-0 RATED, COLOR: BLACK
 - TERMINAL: PHOSPHOR BRONZE ALLOY
 - BRACKET: BRASS
 - SHELL: STEEL
 - INSERT: BRASS
 - FINISHES:
 - TERMINAL: 0.76 MICROMETER MINIMUM GOLD IN THE CRITICAL CONTACT AREA, 2.54 MICROMETERS MINIMUM MATTE TIN IN THE SOLDER TAIL AREA, ALL OVER A 1.27 MICROMETER MINIMUM NICKEL UNDERPLATE
 - BRACKET: 1.01 TO 2.54 MICROMETER MATTE TIN
 - SHIELD: 2.54 MICROMETERS MINIMUM NICKEL
 - INSERT: 2.54 MICROMETERS MINIMUM NICKEL
 - PRODUCT SPECIFICATION: PS-71425-9999.
 - PACKAGING SPECIFICATION: TRAY PACK PER PK-74337-001.
 - APPLICABLE STANDARDS: EIA-700ADAF AND SFF-8441.
 - DATE CODE: YR/WK PER EIA-476-A.
 - PRODUCT COMPLIES WITH COSMETIC SPECIFICATION PS-45499-002. SEE FIGURE AT LEFT FOR SURFACE CLASSIFICATIONS.
 - TORQUE TO INSTALL SCREWLOCKS INTO THREADED INSERTS: 0.34 Nm MAXIMUM.



VERSION 4, WITH COVER SHOWN ON THIS SHEET

□ □

| | | | | | | | | | | |
|--|---------------------|--|-------|---|--------------------|--|-------------------------------|------------------------|--|--|
| CLARIFY PART VERSIONS EC NO: UCP2016-0077 DRWNS:VANG01 2015/07/08 CHKD:BBARKER 2015/07/08 APPR:SMILLER 2015/08/13 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE 3:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | |
| | | mm | INCH | DRAWN BY BBARKER | DATE 6/19/2009 | VHDCI DUAL STACK RECEPTACLE ASSEMBLY NO BRIGHT TIN SD-74337-017 SHEET NO. 1 OF 4 | | | | |
| | | 4 PLACES ± --- | ± --- | CHECKED BY MIBARRA | DATE 6/19/2009 | | | | | |
| | | 3 PLACES ± --- | ± --- | APPROVED BY SMILLER | DATE 2010/03/31 | | | | | |
| 2 PLACES ± 0.13 | ± --- | MATERIAL NO. SEE TABLE | | | | | | | | |
| 1 PLACE ± 0.25 | ± --- | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SIZE C | | DOCUMENT NO. SD-74337-017 | | | | |
| 0 PLACE ± --- | ± --- | ANGULAR ± 1 ° | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | |