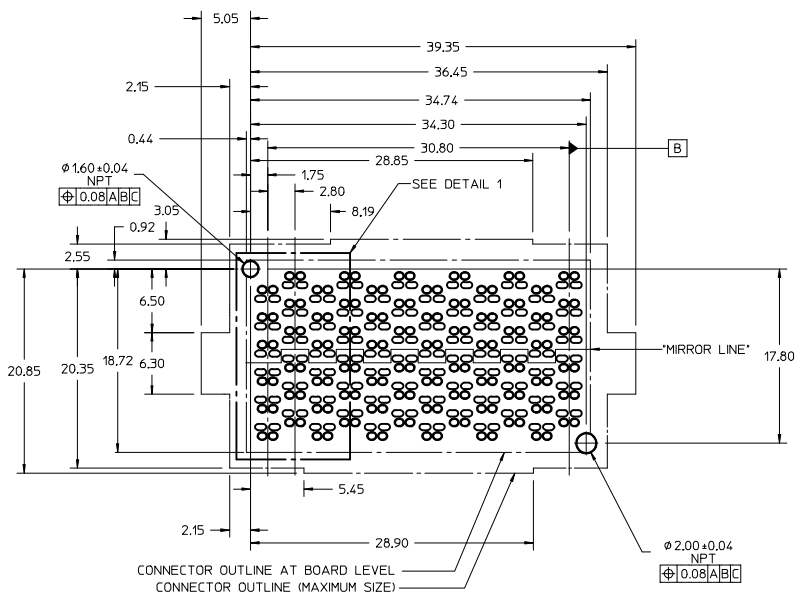
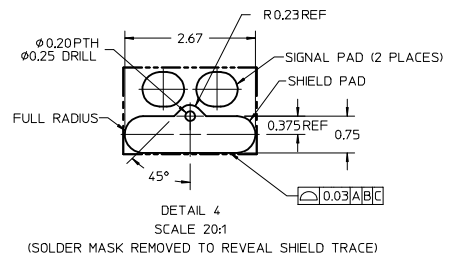
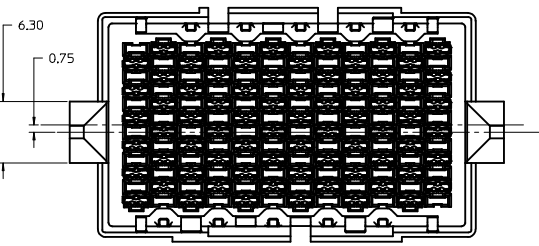
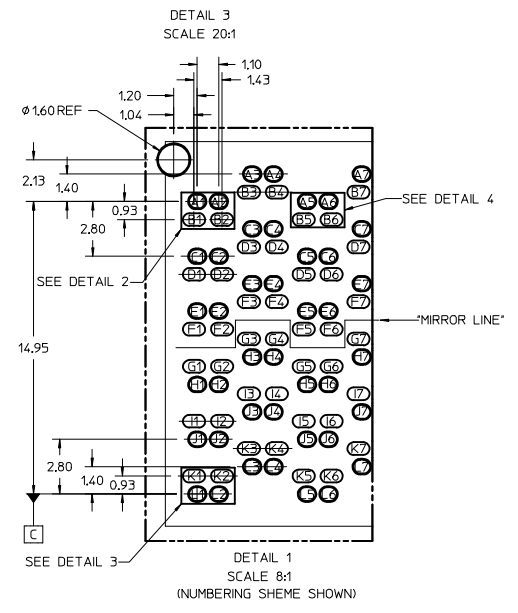
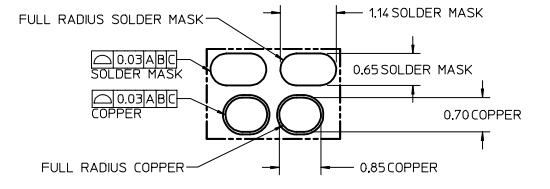
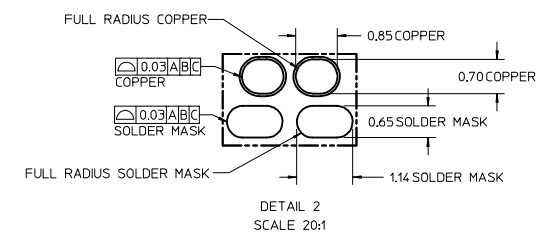
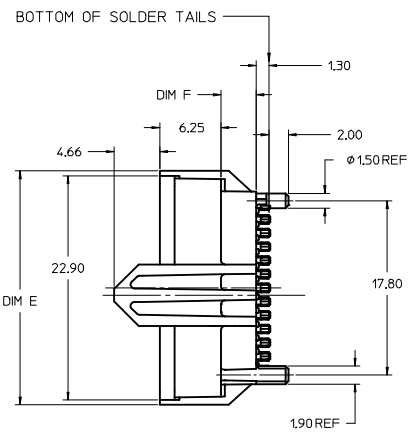
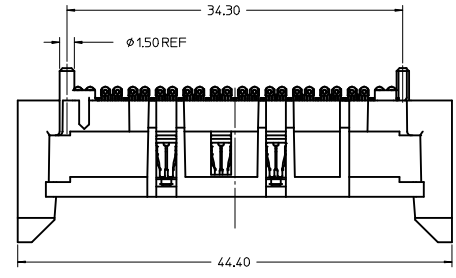


- NOTES:
- HOUSING MATERIAL: LCP, GLASS FILLED, UL 94V-0, BLACK  
CONTACT MATERIAL: HIGH PERFORMANCE COPPER ALLOY  
SOLDER CHARGE: LEAD FREE SOLDER ALLOY
  - FINISH:  
CONTACTS: SELECTIVE GOLD: 30 MNCHES MIN ON CONTACT AREA,  
SELECTIVE TIN: 100 MNCHES MIN ON SOLDERABLE PORTION  
OF SOLDER TAILS, OVER 50 MNCHES MIN NICKEL OVERALL.
  - PRODUCT SPECIFICATION: PS-170807-0001
  - PACKAGING SPECIFICATION: PK-170814-002
  - APPLICATION SPECIFICATION: AS-170807-0001



FOOT PRINT  
(SCALE 4:1)

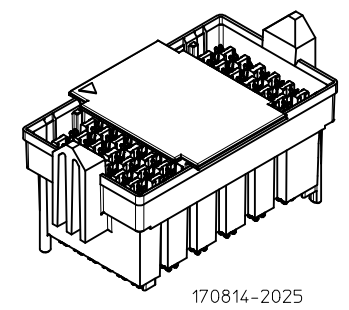
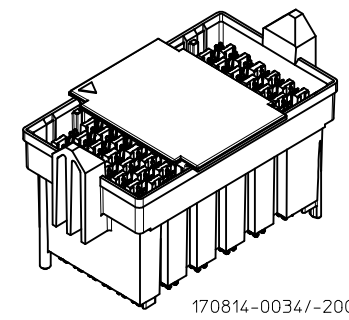
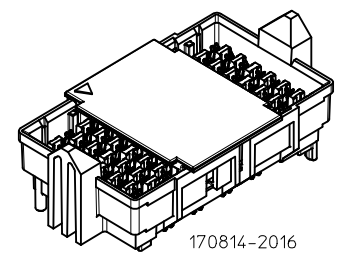
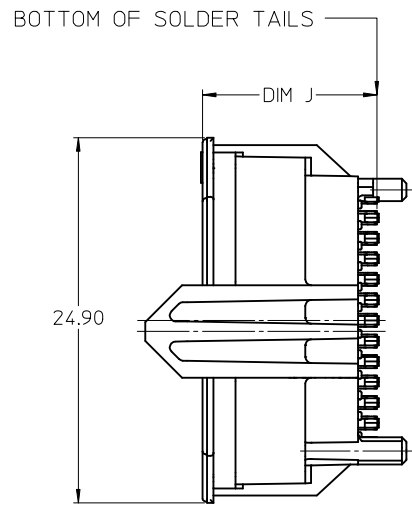
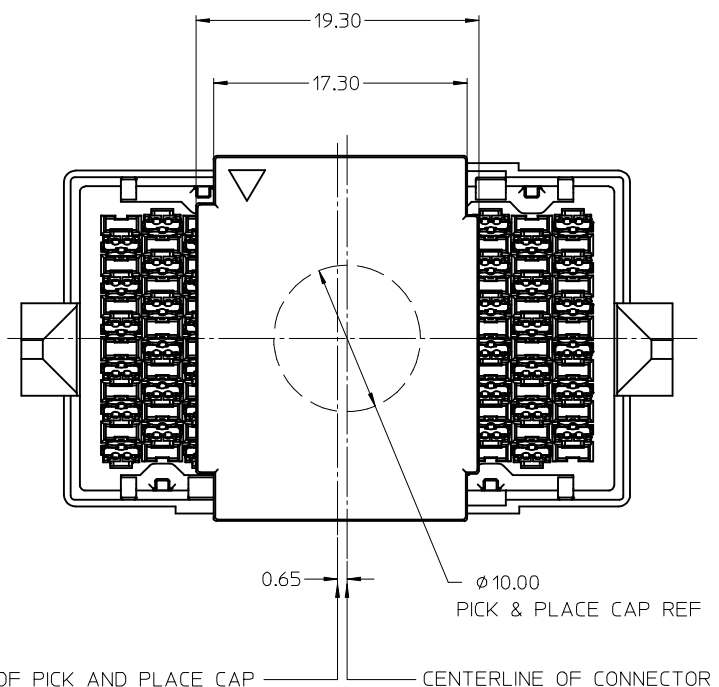
- FOOT PRINT NOTES:
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PART ILLUSTRATED IS 170814-2016

|  |  |  |                                  |                                       |                     |                        |
|--|--|--|----------------------------------|---------------------------------------|---------------------|------------------------|
| <b>ADD NEW MATING P/N</b><br>IEC NO. UICP2016-4880<br>DRAWN BY: CHYKDIK GOWAN<br>CHECKED BY: CHYKDIK GOWAN<br>APPROVED BY: CHYKDIK GOWAN<br>DATE: 2016/07/07<br>DATE: 2016/07/11<br>DATE: 2016/07/11 | QUALITY SYMBOLS  | GENERAL TOLERANCES (UNLESS SPECIFIED)  | DIMENSION STYLE                  | SCALE                                 | DESIGN UNITS        | THIRD ANGLE PROJECTION |
|  | $\nabla=0$<br>$\nabla=0$<br>$\nabla=0$                                   | mm INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± 0.15 ± ---<br>1 PLACE ± --- ± ---<br>0 PLACE ± --- ± --- | MM ONLY                          | 4:1                                   | METRIC              |                        |
|  | ANGULAR ±1/2°<br>DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS | DRAWN BY: HCGOH<br>CHECKED BY: KPELOZA<br>APPROVED BY: SHONG<br>DATE: 2013/12/30<br>DATE: 2013/12/30<br>DATE: 2014/01/27       | MATERIAL NO.<br><b>SEE CHART</b> | DOCUMENT NO.<br><b>SD-170814-2016</b> | SHEET NO.<br>1 OF 2 |                        |
|  | <b>RECEPTACLE 6X12 NEOSCALE</b><br>                                      |  |                                  |                                       |                     |                        |

| MATERIAL NUMBER | HEIGHT  | TRIAD TYPE AND COUNT |           |       | DIM E | DIM F | DIM J | MATE WITH   |
|-----------------|---------|----------------------|-----------|-------|-------|-------|-------|---|
|                 |         | 85 OHMS              | 100 OHMS  | POWER |       |       |       |   |
| 1708142016      | 8.00MM  | N/A                  | 72 PLACES | N/A   | 23.90 | 3.59  | 11.89 | 1708072016 (22MM) & 1708072008 (12MM) & 1708072020 (8MM)                      |
| 1708140034      | 18.00MM | 72 PLACES            | N/A       | N/A   | N/A   | 13.59 | 21.89 | 1708070034 (22MM)   |
| 1708142008      | 18.00MM | N/A                  | 72 PLACES | N/A   | N/A   | 13.59 | 21.89 | 1708072016 (22MM) & 1708072008 (12MM) & 1708072020 (8MM)<br>1708072027 (10MM) |
| 1708142025      | 15.00MM | N/A                  | 72 PLACES | N/A   | N/A   | 10.59 | 18.89 | 1708072016 (22MM) & 1708072008 (12MM) & 1708072020 (8MM)                      |



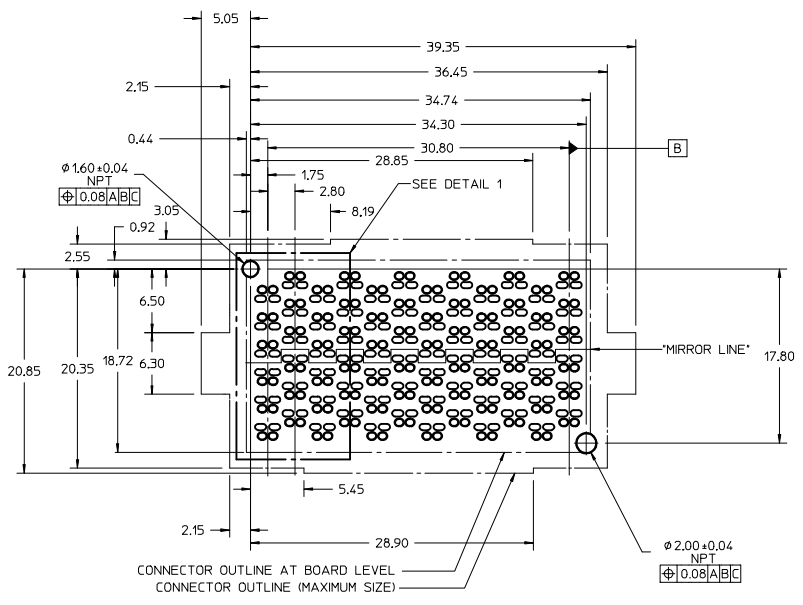
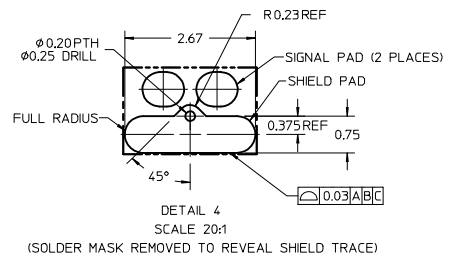
CENTERLINE OF PICK AND PLACE CAP      CENTERLINE OF CONNECTOR

PART ILLUSTRATED IS 170814-2016

|   |                 |  |  |  |                |                        |
|---|-----------------|--|--|--|----------------|------------------------|
| <b>SEE SHEET 1</b><br>IEC NO: UCP2016-4880<br>DRAWN: JESSIE CHUA 2016/07/07<br>CHECKED: MCGOWAN 2016/07/07<br>APPROVED: MCGOWAN 2016/07/11<br><b>A2</b> | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)                | DIMENSION STYLE                            | SCALE                                    | DESIGN UNITS   | THIRD ANGLE PROJECTION |
|   | ▽=0             | mm      INCH   | MM ONLY                                    | 6:1                                      | METRIC         | RECEPTACLE             |
|   | ▽=0             | 4 PLACES ± ---                                       | DRAWN BY: HCGOH      DATE: 2013/12/30      | TITLE                                    | RECEPTACLE     | 6X12                   |
|   | ▽=0             | 3 PLACES ± ---                                       | CHECKED BY: KPPELOZA      DATE: 2013/12/30 | APPROVED BY: SHONG      DATE: 2014/01/27 | NEOSCALE       | <b>molex</b>           |
|   | 2 PLACES ± 0.15 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SEE CHART                                  | MATERIAL NO.                             | DOCUMENT NO.   | SHEET NO.              |
|   | 1 PLACE ± ---   |  |  | SD-170814-2016                           | SD-170814-2016 | 2 OF 2                 |
|   | 0 PLACE ± ---   |  |  |  |                |                        |

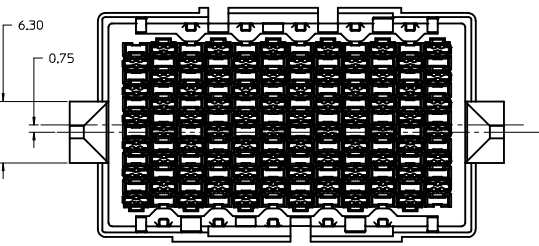
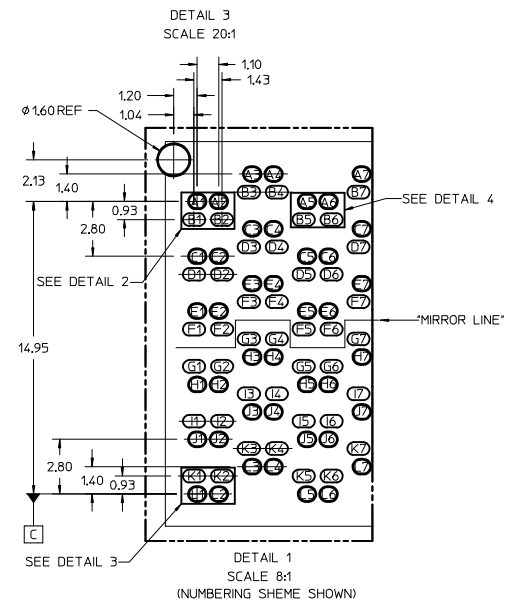
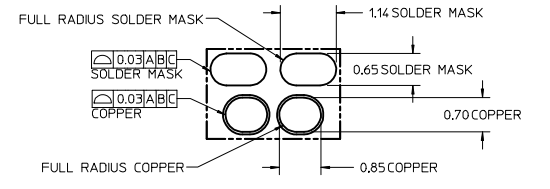
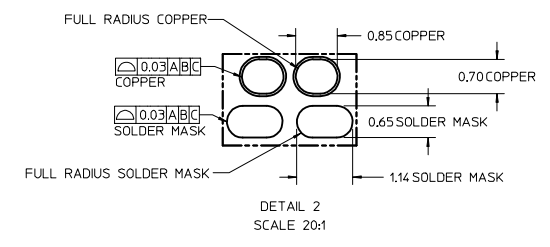
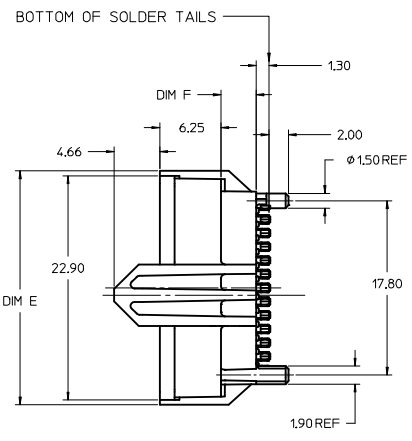
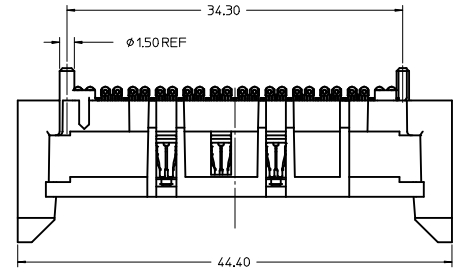
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

- NOTES:
- HOUSING MATERIAL: LCP, GLASS FILLED, UL 94V-0, BLACK  
CONTACT MATERIAL: HIGH PERFORMANCE COPPER ALLOY  
SOLDER CHARGE: LEAD FREE SOLDER ALLOY
  - FINISH:  
CONTACTS: SELECTIVE GOLD: 30 MNCHES MIN ON CONTACT AREA,  
SELECTIVE TIN: 100 MNCHES MIN ON SOLDERABLE PORTION  
OF SOLDER TAILS, OVER 50 MNCHES MIN NICKEL OVERALL.
  - PRODUCT SPECIFICATION: PS-170807-0001
  - PACKAGING SPECIFICATION: PK-170814-002
  - APPLICATION SPECIFICATION: AS-170807-0001



FOOT PRINT  
(SCALE 4:1)

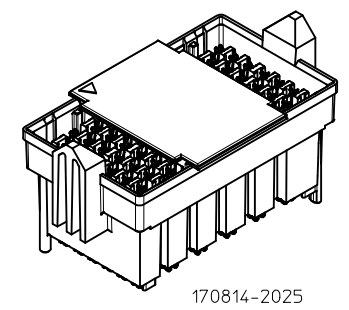
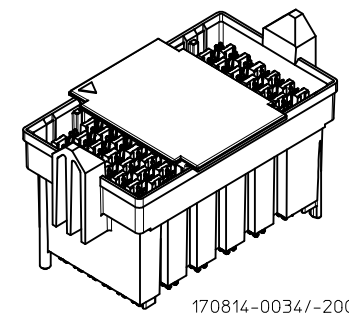
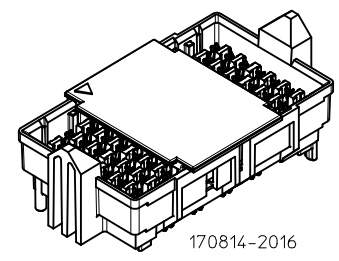
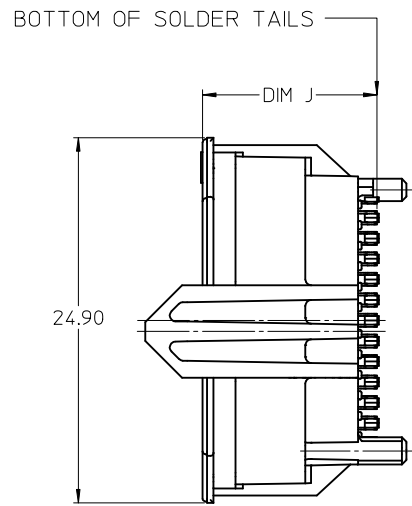
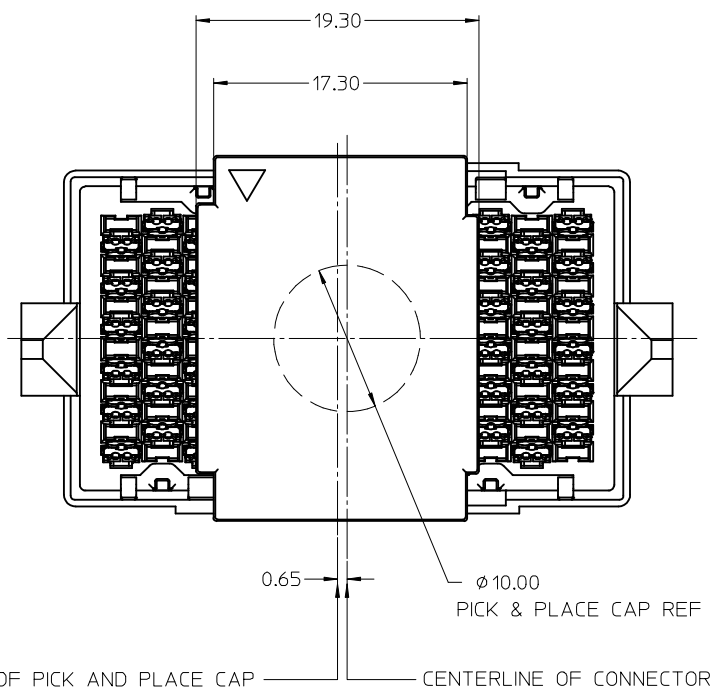
- FOOT PRINT NOTES:
- DATUM -A- IS THE TOP OF THE PCB.
  - ALL DIMENSIONS ARE BASICS.
  - SEE APPLICATION SPECIFICATION FOR ADDITIONAL INFORMATION.



PART ILLUSTRATED IS 170814-2016

| <b>ADD NEW MATING P/N</b><br>IEC NO. UICP2016-4880<br>DRAWN BY: CHYKDIK<br>CHECKED BY: CHYKDIK<br>APPROVED BY: CHYKDIK<br>DATE: 2016/07/07<br>APPR: DMCGOWAN 2016/07/11 | <b>QUALITY SYMBOLS</b><br>∇=0<br>∇=0<br>∇=0 | <b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>   |  | <b>DIMENSION STYLE</b><br>MM ONLY | <b>SCALE</b><br>4:1 | <b>DESIGN UNITS</b><br>METRIC | THIRD ANGLE PROJECTION |      |          |      |      |          |       |      |         |      |      |         |      |      |  |   |  |
|---|---|--|--|-----------------------------------|---------------------|-------------------------------|------------------------|------|----------|------|------|----------|-------|------|---------|------|------|---------|------|------|--|---|--|
|   |   | <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>±0.15</td> <td>±---</td> </tr> <tr> <td>1 PLACE</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>0 PLACE</td> <td>±---</td> <td>±---</td> </tr> </table> |  | mm                                | INCH                | 4 PLACES                      | ±---                   | ±--- | 3 PLACES | ±--- | ±--- | 2 PLACES | ±0.15 | ±--- | 1 PLACE | ±--- | ±--- | 0 PLACE | ±--- | ±--- | DRAWN BY: HCGOH<br>DATE: 2013/12/30<br>CHECKED BY: KPELOZA<br>DATE: 2013/12/30<br>APPROVED BY: SHONG<br>DATE: 2014/01/27 | <b>RECEPTACLE 6X12 NEOSCALE</b><br><b>molex</b> |  |
|   | mm  | INCH   |  |                                   |                     |                               |                        |      |          |      |      |          |       |      |         |      |      |         |      |      |  |   |  |
| 4 PLACES  | ±---  | ±---   |  |                                   |                     |                               |                        |      |          |      |      |          |       |      |         |      |      |         |      |      |  |   |  |
| 3 PLACES  | ±---  | ±---   |  |                                   |                     |                               |                        |      |          |      |      |          |       |      |         |      |      |         |      |      |  |   |  |
| 2 PLACES  | ±0.15                                       | ±---   |  |                                   |                     |                               |                        |      |          |      |      |          |       |      |         |      |      |         |      |      |  |   |  |
| 1 PLACE   | ±---  | ±---   |  |                                   |                     |                               |                        |      |          |      |      |          |       |      |         |      |      |         |      |      |  |   |  |
| 0 PLACE   | ±---  | ±---   |  |                                   |                     |                               |                        |      |          |      |      |          |       |      |         |      |      |         |      |      |  |   |  |

| MATERIAL NUMBER | HEIGHT  | TRIAD TYPE AND COUNT |           |       | DIM E | DIM F | DIM J | MATE WITH   |
|-----------------|---------|----------------------|-----------|-------|-------|-------|-------|---|
|                 |         | 85 OHMS              | 100 OHMS  | POWER |       |       |       |   |
| 1708142016      | 8.00MM  | N/A                  | 72 PLACES | N/A   | 23.90 | 3.59  | 11.89 | 1708072016 (22MM) & 1708072008 (12MM) & 1708072020 (8MM)                      |
| 1708140034      | 18.00MM | 72 PLACES            | N/A       | N/A   | N/A   | 13.59 | 21.89 | 1708070034 (22MM)   |
| 1708142008      | 18.00MM | N/A                  | 72 PLACES | N/A   | N/A   | 13.59 | 21.89 | 1708072016 (22MM) & 1708072008 (12MM) & 1708072020 (8MM)<br>1708072027 (10MM) |
| 1708142025      | 15.00MM | N/A                  | 72 PLACES | N/A   | N/A   | 10.59 | 18.89 | 1708072016 (22MM) & 1708072008 (12MM) & 1708072020 (8MM)                      |



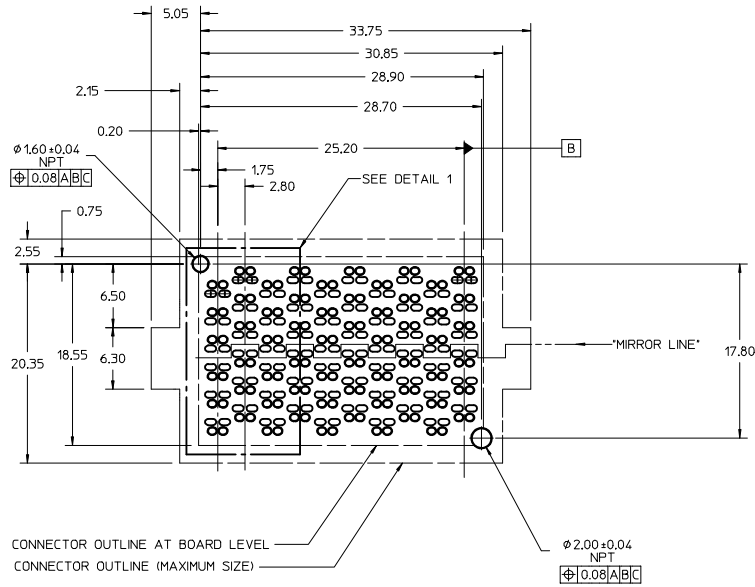
CENTERLINE OF PICK AND PLACE CAP ——— CENTERLINE OF CONNECTOR

BOTTOM OF SOLDER TAILS

PART ILLUSTRATED IS 170814-2016

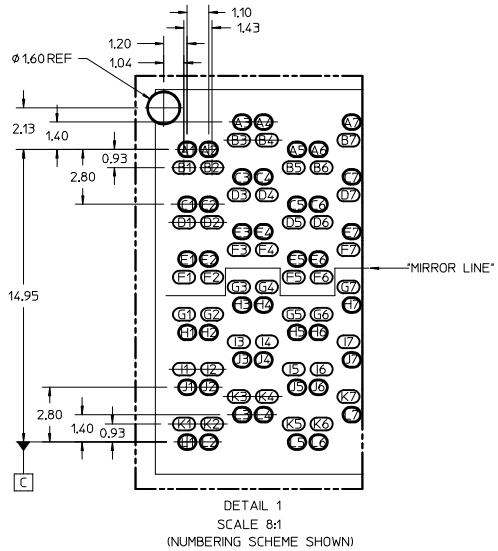
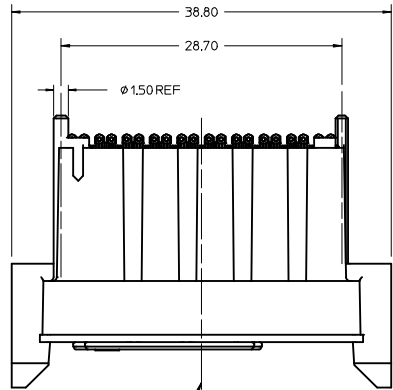
| <b>SEE SHEET 1</b><br>IEC NO: UCP2016-4880<br>DRAWN: JESSIE CHUA 2016/07/07<br>CHECKED: MCGOWAN 2016/07/07<br>APPROVED: MCGOWAN 2016/07/11<br><b>A2</b> | QUALITY SYMBOLS                        | GENERAL TOLERANCES (UNLESS SPECIFIED)  | DIMENSION STYLE                     | SCALE | DESIGN UNITS   | THIRD ANGLE PROJECTION |      |      |          |      |      |          |       |      |         |      |      |         |      |      |  |    |      |       |        |       |        |       |        |       |        |         |     |        |  |
|---|--|--|-------------------------------------|-------|--|------------------------|------|------|----------|------|------|----------|-------|------|---------|------|------|---------|------|------|--|----|------|-------|--------|-------|--------|-------|--------|-------|--------|---------|-----|--------|--|
|   | $\nabla=0$<br>$\nabla=0$<br>$\nabla=0$ | <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>±0.15</td> <td>±---</td> </tr> <tr> <td>1 PLACE</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>0 PLACE</td> <td>±---</td> <td>±---</td> </tr> </tbody> </table> |                                     | mm    | INCH   | 4 PLACES               | ±--- | ±--- | 3 PLACES | ±--- | ±--- | 2 PLACES | ±0.15 | ±--- | 1 PLACE | ±--- | ±--- | 0 PLACE | ±--- | ±--- | <table border="1"> <thead> <tr> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>±0.15</td> <td>±0.005</td> </tr> <tr> <td>±0.30</td> <td>±0.012</td> </tr> <tr> <td>±0.60</td> <td>±0.024</td> </tr> <tr> <td>±1.20</td> <td>±0.048</td> </tr> </tbody> </table> | mm | INCH | ±0.15 | ±0.005 | ±0.30 | ±0.012 | ±0.60 | ±0.024 | ±1.20 | ±0.048 | MM ONLY | 6:1 | METRIC |  |
|   |  | mm   | INCH                                |       |  |                        |      |      |          |      |      |          |       |      |         |      |      |         |      |      |  |    |      |       |        |       |        |       |        |       |        |         |     |        |  |
|   | 4 PLACES                               | ±---   | ±---                                |       |  |                        |      |      |          |      |      |          |       |      |         |      |      |         |      |      |  |    |      |       |        |       |        |       |        |       |        |         |     |        |  |
| 3 PLACES  | ±---                                   | ±---   |                                     |       |  |                        |      |      |          |      |      |          |       |      |         |      |      |         |      |      |  |    |      |       |        |       |        |       |        |       |        |         |     |        |  |
| 2 PLACES  | ±0.15                                  | ±---   |                                     |       |  |                        |      |      |          |      |      |          |       |      |         |      |      |         |      |      |  |    |      |       |        |       |        |       |        |       |        |         |     |        |  |
| 1 PLACE   | ±---                                   | ±---   |                                     |       |  |                        |      |      |          |      |      |          |       |      |         |      |      |         |      |      |  |    |      |       |        |       |        |       |        |       |        |         |     |        |  |
| 0 PLACE   | ±---                                   | ±---   |                                     |       |  |                        |      |      |          |      |      |          |       |      |         |      |      |         |      |      |  |    |      |       |        |       |        |       |        |       |        |         |     |        |  |
| mm  | INCH                                   |  |                                     |       |  |                        |      |      |          |      |      |          |       |      |         |      |      |         |      |      |  |    |      |       |        |       |        |       |        |       |        |         |     |        |  |
| ±0.15   | ±0.005                                 |  |                                     |       |  |                        |      |      |          |      |      |          |       |      |         |      |      |         |      |      |  |    |      |       |        |       |        |       |        |       |        |         |     |        |  |
| ±0.30   | ±0.012                                 |  |                                     |       |  |                        |      |      |          |      |      |          |       |      |         |      |      |         |      |      |  |    |      |       |        |       |        |       |        |       |        |         |     |        |  |
| ±0.60   | ±0.024                                 |  |                                     |       |  |                        |      |      |          |      |      |          |       |      |         |      |      |         |      |      |  |    |      |       |        |       |        |       |        |       |        |         |     |        |  |
| ±1.20   | ±0.048                                 |  |                                     |       |  |                        |      |      |          |      |      |          |       |      |         |      |      |         |      |      |  |    |      |       |        |       |        |       |        |       |        |         |     |        |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS   | ANGULAR ±1/2°<br>SEE CHART             | DRAWN BY: HCGOH<br>CHECKED BY: KPULOZA<br>APPROVED BY: SHONG<br>DATE: 2013/12/30<br>DATE: 2013/12/30<br>DATE: 2014/01/27   | TITLE: RECEPTACLE 6X12 NEOSCALE<br> |       | MATERIAL NO: SD-170814-2016<br>DOCUMENT NO: SD-170814-2016 | SHEET NO: 2 OF 2       |      |      |          |      |      |          |       |      |         |      |      |         |      |      |  |    |      |       |        |       |        |       |        |       |        |         |     |        |  |

- NOTES:
- HOUSING MATERIAL: LCP, GLASS FILLED, UL 94V-0, BLACK  
CONTACT MATERIAL: HIGH PERFORMANCE COPPER ALLOY  
SOLDER CHARGE: LEAD FREE SOLDER ALLOY
  - FINISH:  
CONTACTS: SELECTIVE GOLD: 30 HNCES MIN ON CONTACT AREA,  
SELECTIVE TIN: 100 HNCES MIN ON SOLDERABLE PORTION  
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  - PACKAGING SPECIFICATION: PK-170814-002
  - APPLICATION SPECIFICATION: AS-170807-0001

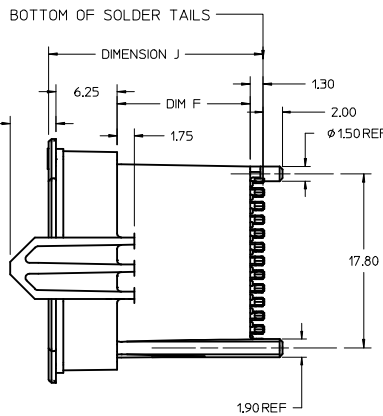
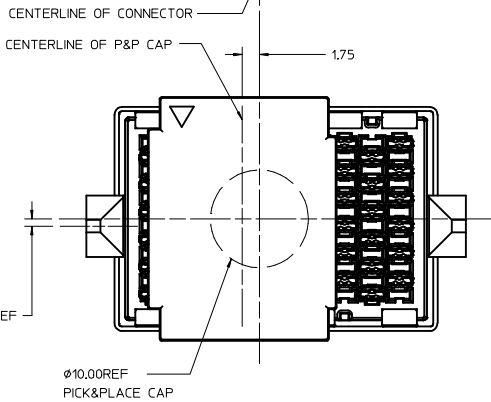


FOOT PRINT  
(SCALE 4:1)

- FOOT PRINT NOTES:
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  - ALL DIMENSIONS ARE BASICS.
  - SEE APPLICATION SPECIFICATION FOR ADDITIONAL INFORMATION.



DETAIL 1  
SCALE 8:1  
(NUMBERING SCHEME SHOWN)



PART SHOWN IS 170814-2026

|   |   |  |                 |           |              |   |  |
|---|---|--|-----------------|-----------|--------------|---|--|
| PROPOSAL<br>IEC NO. UCP2016-4775<br>DRAWN BY JESSIECHUA 2016/06/14<br>CHECKED BY CHYKHCGOH 2016/06/14<br>APPR:DMCGOWAN 2016/07/11 | QUALITY SYMBOLS   | GENERAL TOLERANCES (UNLESS SPECIFIED)  | DIMENSION STYLE | SCALE     | DESIGN UNITS | THIRD ANGLE PROJECTION  |  |
|   | $\nabla=0$<br>$\nabla=0$<br>$\nabla=0$  | mm INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± 0.15 ± ---<br>1 PLACE ± --- ± ---<br>0 PLACE ± --- ± --- | MM ONLY         | 4:1       | METRIC       | DATE TITLE<br>DRAWN BY JESSIECHUA 2016/06/14<br>CHECKED BY DATE<br>DMCOWAN 2016/06/14<br>APPROVED BY DATE<br>DMCOWAN 2016/07/11 | RECEPTACLE<br>6X10<br>NEOSCALE<br><b>molex</b> |
|   | ANGULAR ±1/2°<br>DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS   | MATERIAL NO.   | DOCUMENT NO.    | SHEET NO. |              |   |  |
|   | SEE CHART<br>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | SD-170814-2026   | SD-170814-2026  | 1 OF 2    |              |   |  |

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

| MATERIAL NUMBER | HEIGHT  | TRIAD TYPE AND COUNT |           |       | DIM F | DIM J | MATE WITH         |
|-----------------|---------|----------------------|-----------|-------|-------|-------|-------------------|
|                 |         | 85 OHMS              | 100 OHMS  | POWER |       |       |                   |
| 1708142026      | 18.00MM | N/A                  | 60 PLACES | N/A   | 13.59 | 21.89 | 1708072026 (10MM) |

|   |                 |  |   |       |              |                          |
|---|-----------------|--|---|-------|--------------|--------------------------|
| <b>SEE SHEET 1</b><br>IEC NO: UCP2016-4775<br>DRAWN: JESSIECHUA 2016/06/14<br>CHYKHCHGH 2016/06/14<br>APPR: DMCGOWAN 2016/07/11 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)                | DIMENSION STYLE   | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION   |
|   | ▽=0             | 4 PLACES ± mm ± INCH                                 | MM ONLY   |       | METRIC       | ☉                        |
|   | ▽=0             | 3 PLACES ± 0.15                                      |   |       |              |                          |
|   | ▽=0             | 2 PLACES ± 0.15                                      |   |       |              |                          |
|   |                 | ANGULAR ±1/2°  |   |       |              |                          |
|   |                 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |   |       |              |                          |
|   |                 |  | DRAWN BY DATE   |       |              | TITLE                    |
|   |                 |  | JESSIECHUA 2016/06/14   |       |              | RECEPTACLE 6X10 NEOSCALE |
|   |                 |  | CHECKED BY DATE   |       |              |                          |
|   |                 |  | DMCGOWAN 2016/06/14   |       |              |                          |
|   |                 |  | APPROVED BY DATE  |       |              |                          |
|   |                 |  | DMCGOWAN 2016/07/11   |       |              |                          |
|   |                 |  | MATERIAL NO.  |       |              | DOCUMENT NO.             |
|   |                 |  | SEE CHART   |       |              | SD-170814-2026           |
|   |                 |  | SIZE D  |       |              | SHEET NO. 2 OF 2         |
|   |                 |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |       |              |                          |

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1