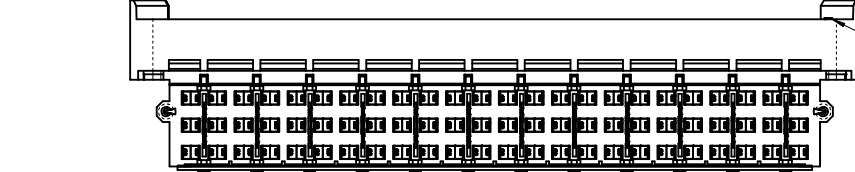
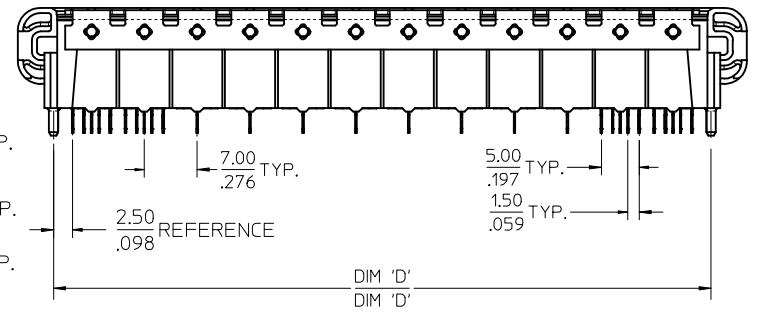
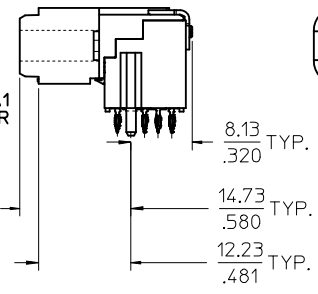
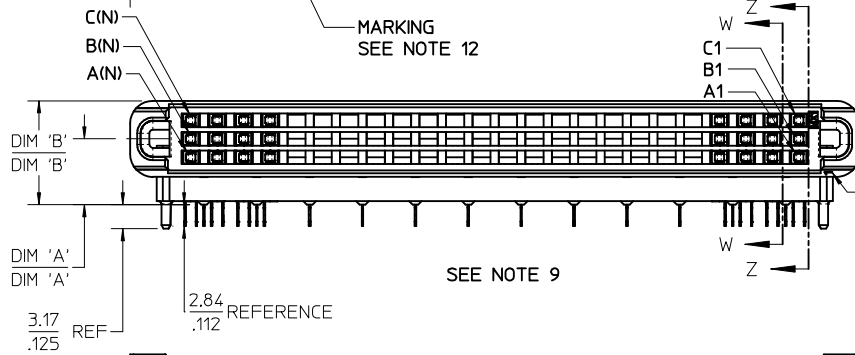
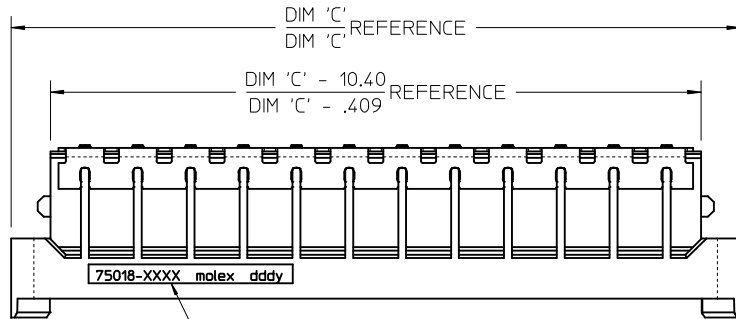


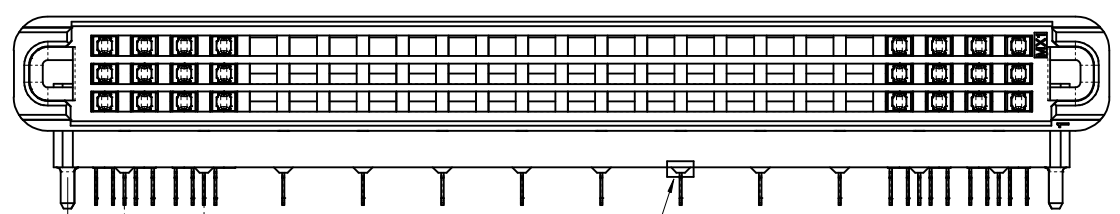
NOTES:

- 1) MATERIALS:
HOUSING - LIQUID CRYSTAL POLYMER, UL94 V-0
WAFER DIELECTRIC - LIQUID CRYSTAL POLYMER, UL94 V-0
CONTACT - COPPER ALLOY
- 2) FINISHES: SEE SHEET 2
- 3) PRODUCT SPECIFICATION: THIS PART CONFORMS TO MOLEX SPECIFICATION PS-75018-001.
- 4) PACKAGING SPECIFICATION: THIS PART TO BE PACKAGED PER SPECIFICATION PK-75020-030.
- 5) APPLICATION SPECIFICATION: THIS PART TO BE APPLIED PER SPECIFICATION PS-75018-001. APPLICATION TOOL AND INSTRUCTIONS PER AS-75018-001.
- 6) MATING INFORMATION
THIS PART MATES WITH 75019-XXXX.
WILL MATE WITH MAXIMUM 1.27mm MIS-ALIGNMENT.
WILL MATE WITH MAXIMUM 0.5° MIS-ALIGNMENT.
- 7) FOR CIRCUIT DESIGNATION SEE SHEET 3
- 8) FOR PCB INFORMATION SEE SHEET 3
- 9) CIRCUITS IN THIS ZONE HAVE BEEN OMITTED TO SIMPLIFY THE MODEL. ACTUAL PRODUCT IS FULLY LOADED WITH TERMINALS.
- 10) APPLICATION TOOLING KEEP OUT AREA. NO COMPONENTS ALLOWED IN THIS AREA.
- 11) CONFORMS TO MOLEX COSMETIC SPECIFICATION PS-45499-002 & PS-45499-003, CLASS C.
- 12) MARKING: PART NUMBER, MOLEX LOGO, DATE CODE
- 13) RECOMMENDED DRILL SIZE 0.66±0.03 TO YIELD FINISHED PLATED THROUGH HOLE OF 0.55±0.05



| CLARIFY DIMENSIONS EC NO: UCP2016-2525 DRWN: TIBARRA 2015/12/18 CHK: MCAIN 2015/12/18 APPR: MILLER 2015/12/22 | QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .15</td> <td>± .005</td> </tr> <tr> <td>3 PLACES</td> <td>± .10</td> <td>± .005</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .01</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .01</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </table> | | mm | INCH | 4 PLACES | ± .15 | ± .005 | 3 PLACES | ± .10 | ± .005 | 2 PLACES | ± 0.13 | ± .01 | 1 PLACE | ± 0.25 | ± .01 | 0 PLACE | ± | ± | DIMENSION STYLE MM/IN DRAWN BY: RWHIPPLE DATE: 2013/11/05 CHECKED BY: [] DATE: [] APPROVED BY: SMILLER DATE: 2013/11/19 | SCALE 2:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION | TITLE PLATEAU HS DOCK FIXED CONNECTOR NO GROUND FINGER molex | SHEET NO. 1 OF 3 |
|---|--------------------------------------|--|--------|----|------|----------|-------|--------|----------|-------|--------|----------|--------|-------|---------|--------|-------|---------|---|---|--|--|--|---------------------|
| | | mm | INCH | | | | | | | | | | | | | | | | | | | | | |
| | 4 PLACES | ± .15 | ± .005 | | | | | | | | | | | | | | | | | | | | | |
| | 3 PLACES | ± .10 | ± .005 | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.13 | ± .01 | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± 0.25 | ± .01 | | | | | | | | | | | | | | | | | | | | | | |
| 0 PLACE | ± | ± | | | | | | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | MATERIAL NO. SEE TABLE | DOCUMENT NO. SD-75018-5000 | | | | | | | | | | | | | | | | | | | | | | |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX. INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | | | | | |

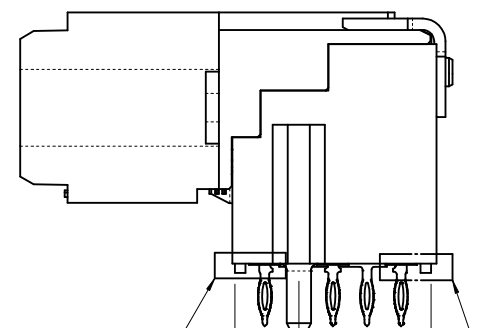
| ITEM NUMBER | CIRCUIT SIZE | NO. OF COLUMNS 'N' | PLATING FINISH | CENTERLINE DIMENSION 'A' mm(in) | O/A HEIGHT DIMENSION 'B' mm(in) | O/A LENGTH DIMENSION 'C' mm(in) | PEG TO PEG DIMENSION 'D' mm(in) | FIRST-LAST DIMENSION 'E' mm(in) |
|-------------|--------------|--------------------|----------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| 75018-5021 | 144 | 24 | FINISH 1 | 4.74 (.187) | 9.78 (.385) | 96.50 (3.799) | 87.00 (3.425) | 82.00 (3.228) |
| 75018-5022 | 144 | 24 | FINISH 1 | 5.74 (.226) | 10.78 (.424) | 96.50 (3.799) | 87.00 (3.425) | 82.00 (3.228) |
| 75018-5023 | 144 | 24 | FINISH 1 | 8.74 (.344) | 13.78 (.543) | 96.50 (3.799) | 87.00 (3.425) | 82.00 (3.228) |
| 75018-5024 | 108 | 18 | FINISH 1 | 4.74 (.187) | 9.78 (.385) | 75.50 (2.972) | 66.00 (2.598) | 61.00 (2.402) |
| 75018-5025 | 108 | 18 | FINISH 1 | 8.74 (.344) | 13.78 (.543) | 75.50 (2.972) | 66.00 (2.598) | 61.00 (2.402) |
| 75018-5026 | 120 | 20 | FINISH 1 | 4.74 (.187) | 9.78 (.385) | 82.50 (3.248) | 73.00 (2.874) | 68.00 (2.677) |
| 75018-5027 | 108 | 18 | FINISH 1 | 5.74 (.226) | 10.78 (.424) | 75.50 (2.972) | 66.00 (2.598) | 61.00 (2.402) |
| 75018-5029 | 120 | 20 | FINISH 1 | 5.74 (.226) | 10.78 (.424) | 82.50 (3.248) | 73.00 (2.874) | 68.00 (2.677) |
| 75018-5221 | 144 | 24 | FINISH 2 | 4.74 (.187) | 9.78 (.385) | 96.50 (3.799) | 87.00 (3.425) | 82.00 (3.228) |
| 75018-5224 | 108 | 18 | FINISH 2 | 4.74 (.187) | 9.78 (.385) | 75.50 (2.972) | 66.00 (2.598) | 61.00 (2.402) |



5.00
.197 REFERENCE

7.00
.276 REFERENCE TYPICAL

SEE DETAIL A



3.38
.133 REFERENCE TYPICAL

6.98
.275 REFERENCE TYPICAL

SEE DETAIL B

SEE DETAIL C

1) PLATING FINISHES:

FINISH 1:

CONTACT INTERFACE

0.76 MICROMETERS/30 MICROINCHES MINIMUM SELECT GOLD
NICKEL UNDERPLATE OVERALL

COMPLIANT INTERFACE

0.76 MICROMETERS/30 MICROINCHES MINIMUM SELECT MATTE-TIN OVER
NICKEL UNDERPLATE OVERALL

HOUSING

3.81 MICROMETERS/150 MICROINCHES MINIMUM NICKEL OVER
COPPER UNDERPLATE OVERALL

FINISH 2:

CONTACT INTERFACE

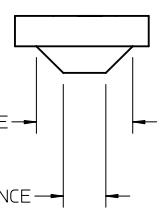
0.76 MICROMETERS/30 MICROINCHES MINIMUM SELECT GOLD
NICKEL UNDERPLATE OVERALL

COMPLIANT INTERFACE

0.76 MICROMETERS/30 MICROINCHES MINIMUM SELECT MATTE-TIN OVER
NICKEL UNDERPLATE OVERALL

HOUSING

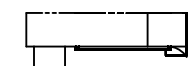
0.10 MICROMETERS/4 MICROINCHES MAXIMUM GOLD OVER
3.81 MICROMETERS/150 MICROINCHES MINIMUM NICKEL OVER
COPPER UNDERPLATE OVERALL



1.70
.067 REFERENCE TYPICAL

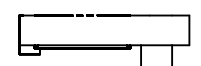
0.75
.030 REFERENCE TYPICAL

DETAIL A
SCALE 15:1



0.55
.022 REFERENCE TYPICAL

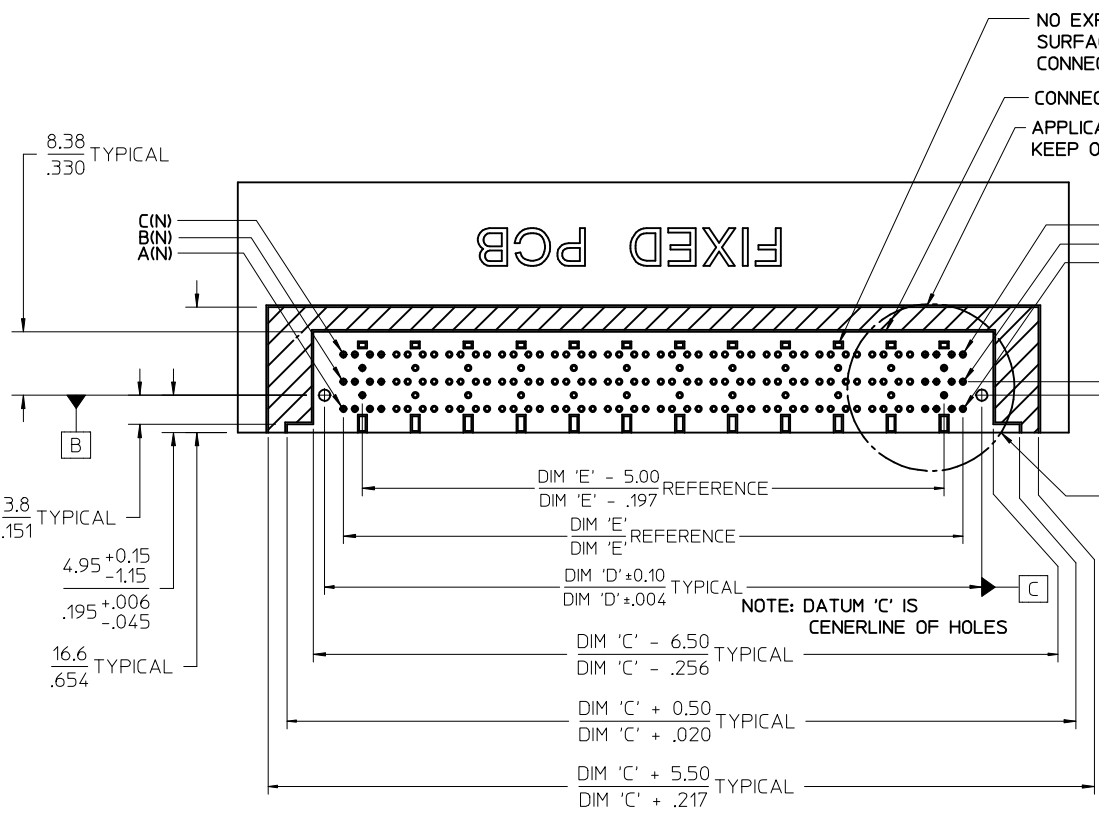
DETAIL B
SCALE 15:1



0.55
.022 REFERENCE TYPICAL

DETAIL C
SCALE 15:1

| SEE SHEET 1 EC NO: UCP2016-2525 DRWN: TIBARRA 2015/12/18 CHK: MCAN 2015/12/18 APPR: MILLER 2015/12/22 REV: | 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>± .005</td> <td>± .0005</td> </tr> <tr> <td>3 PLACES</td> <td>± .01</td> <td>± .001</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .01</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .01</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </tbody> </table> | | mm | INCH | 4 PLACES | ± .005 | ± .0005 | 3 PLACES | ± .01 | ± .001 | 2 PLACES | ± 0.13 | ± .01 | 1 PLACE | ± 0.25 | ± .01 | 0 PLACE | ± | ± | DIMENSION STYLE MM/IN | SCALE 3:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
|--|--------------------------------------|--|---------|---|------|----------|--------|---------|----------|-------|--------|----------|--------|-------|---------|--------|-------|---------|---|---|---------------------------------|---------------------|-------------------------------|------------------------|
| | | mm | INCH | | | | | | | | | | | | | | | | | | | | | |
| | 4 PLACES | ± .005 | ± .0005 | | | | | | | | | | | | | | | | | | | | | |
| | 3 PLACES | ± .01 | ± .001 | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.13 | ± .01 | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± 0.25 | ± .01 | | | | | | | | | | | | | | | | | | | | | | |
| 0 PLACE | ± | ± | | | | | | | | | | | | | | | | | | | | | | |
| DRAWN BY: RWHIPPLE DATE: 2013/11/05 CHECKED BY: _____ DATE: _____ | | APPROVED BY: SMILLER DATE: 2013/11/19 | | PLATEAU HS DOCK FIXED CONNECTOR NO GROUND FINGER | | | | | | | | | | | | | | | | | | | | |
| MATERIAL NO. SEE TABLE | | DOCUMENT NO. SD-75018-5000 | | SHEET NO. 2 OF 3 | | | | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | | | | | | | | | | | | | | | | | | | |

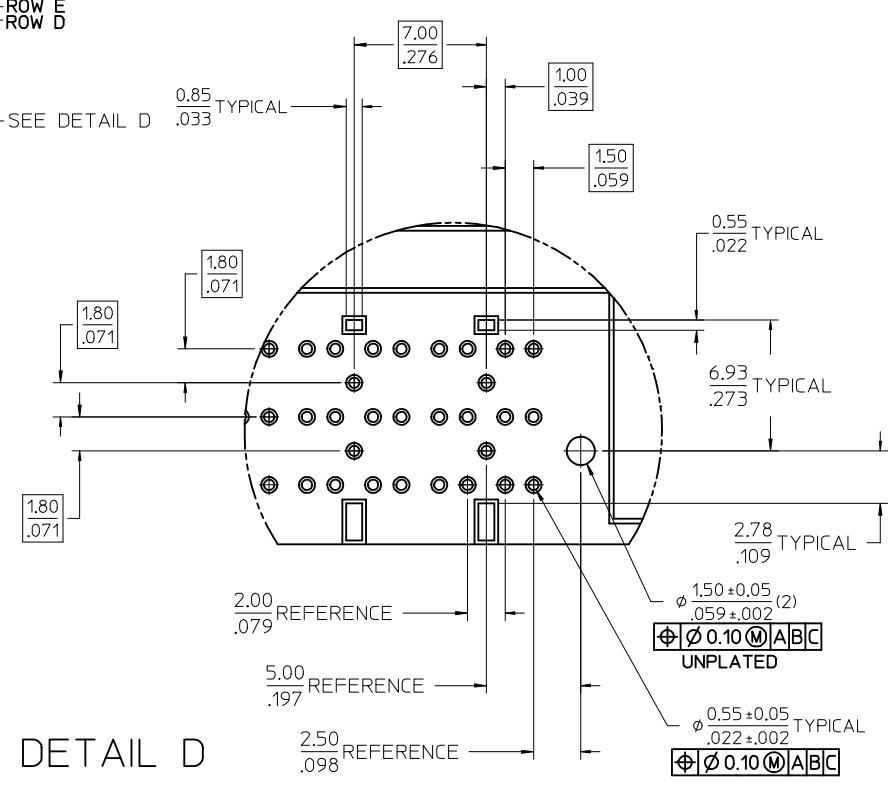


CIRCUIT DESIGNATION

FIRST MATE: HOUSING - SIGNAL GROUND
 SECOND MATE: A1, C1, A(N), C(N) (FOR POWER RETURN)
 THIRD MATE: A2, B2, C2, A(N-1), B(N-1), C(N-1) & ALL OTHERS (A2, C2, A(N-1) & C(N-1) FOR POWER) (ALL OTHERS SIGNAL)
 LAST MATE: B1, B(N) (FOR CARD DETECT)

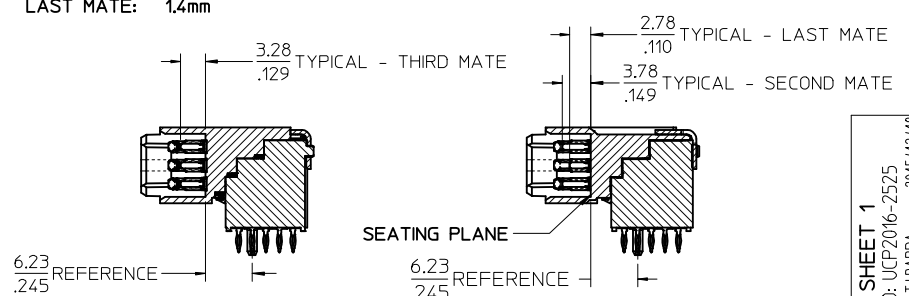
ALL COLUMNS FROM 3 THROUGH (N-2) ARE SUITABLE FOR DIFFERENTIAL PAIRS
 EG: A3-A4, B3-B4, C3-C4, A(N-2)-A(N-3), B(N-2)-B(N-3)

SIGNAL GROUND: ROWS D & E



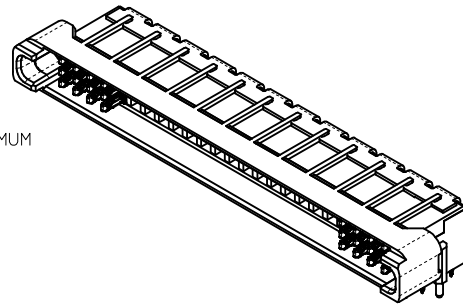
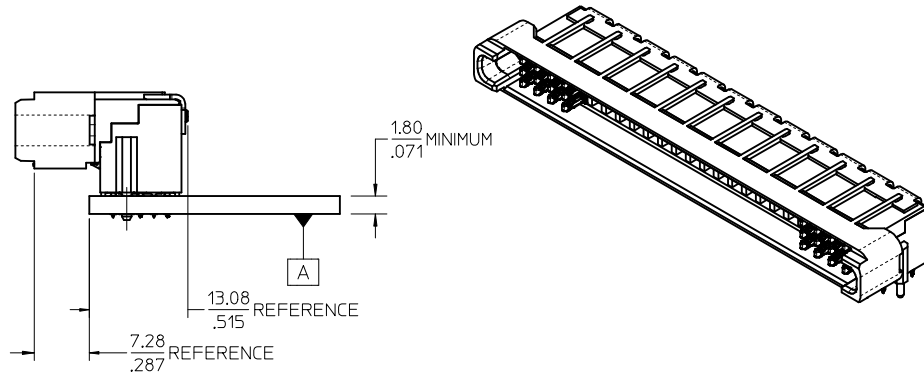
NOMINAL WIPE - FULL SEATED

FIRST MATE: 7.2mm
 SECOND MATE: 2.4mm
 THIRD MATE: 1.9mm
 LAST MATE: 1.4mm



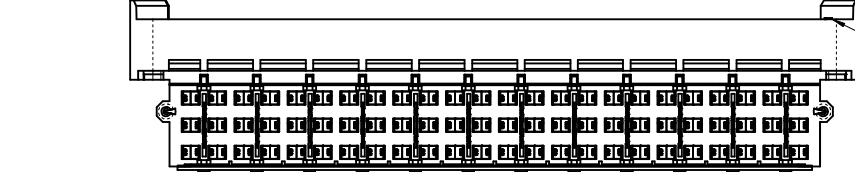
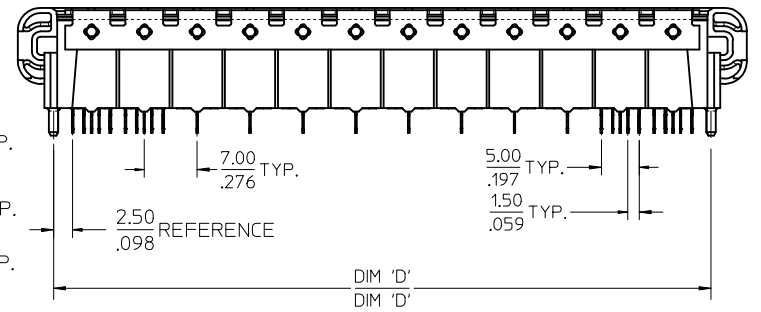
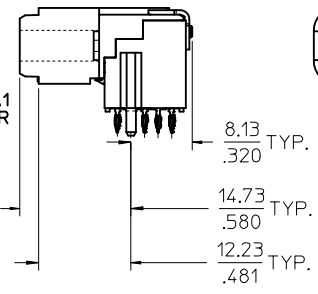
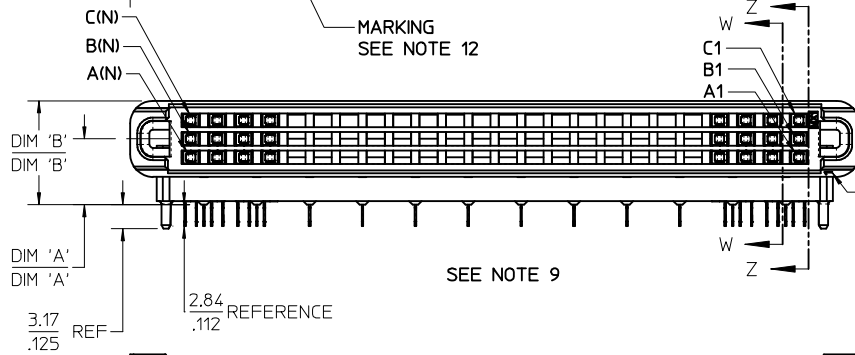
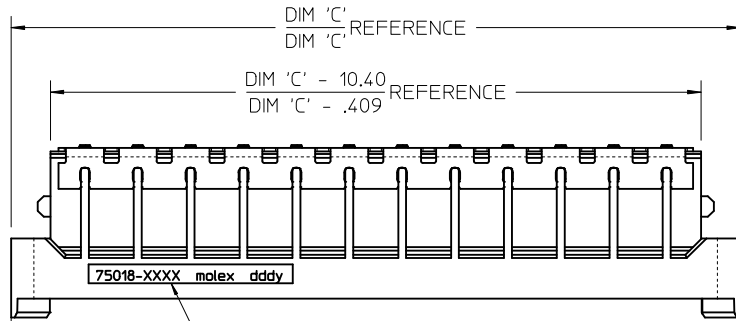
DETAIL D
 SCALE 5:1

| | | | | | | | |
|--|--------------------------------------|---------------------------------------|------|---|--|--------------|------------------------|
| SEE SHEET 1 EC NO: UCP2016-2525 DRWN: TIBARRA 2015/12/18 CHKD: MCAN 2015/12/18 APPR: MILLER 2015/12/17 | QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | | mm | INCH | MM/IN | 2:1 | METRIC | |
| 4 PLACES ± --- ± --- | | DRAWN BY | | DATE | TITLE | | |
| 3 PLACES ± --- ± .005 | | RWHIPPLE | | 2013/11/05 | PLATEAU HS DOCK FIXED CONNECTOR NO GROUND FINGER | | |
| 2 PLACES ± 0.13 ± .01 | | CHECKED BY | | DATE | molex | | |
| 1 PLACE ± 0.25 ± --- | | APPROVED BY | | DATE | | | |
| 0 PLACE ± ± | | SMILLER | | 2013/11/19 | DOCUMENT NO. | | SHEET NO. |
| ANGULAR ±1/2° | | MATERIAL NO. | | SEE TABLE | SD-75018-5000 | | 3 OF 3 |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SIZE | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |



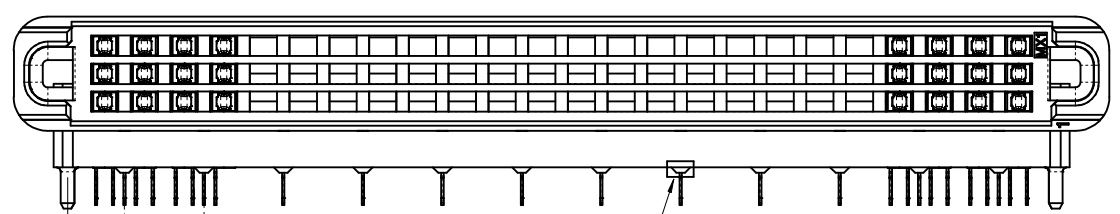
NOTES:

- 1) MATERIALS:
HOUSING - LIQUID CRYSTAL POLYMER, UL94 V-0
WAFER DIELECTRIC - LIQUID CRYSTAL POLYMER, UL94 V-0
CONTACT - COPPER ALLOY
- 2) FINISHES: SEE SHEET 2
- 3) PRODUCT SPECIFICATION: THIS PART CONFORMS TO MOLEX SPECIFICATION PS-75018-001.
- 4) PACKAGING SPECIFICATION: THIS PART TO BE PACKAGED PER SPECIFICATION PK-75020-030.
- 5) APPLICATION SPECIFICATION: THIS PART TO BE APPLIED PER SPECIFICATION PS-75018-001. APPLICATION TOOL AND INSTRUCTIONS PER AS-75018-001.
- 6) MATING INFORMATION
THIS PART MATES WITH 75019-XXXX.
WILL MATE WITH MAXIMUM 1.27mm MIS-ALIGNMENT.
WILL MATE WITH MAXIMUM 0.5° MIS-ALIGNMENT.
- 7) FOR CIRCUIT DESIGNATION SEE SHEET 3
- 8) FOR PCB INFORMATION SEE SHEET 3
- 9) CIRCUITS IN THIS ZONE HAVE BEEN OMITTED TO SIMPLIFY THE MODEL. ACTUAL PRODUCT IS FULLY LOADED WITH TERMINALS.
- 10) APPLICATION TOOLING KEEP OUT AREA. NO COMPONENTS ALLOWED IN THIS AREA.
- 11) CONFORMS TO MOLEX COSMETIC SPECIFICATION PS-45499-002 & PS-45499-003, CLASS C.
- 12) MARKING: PART NUMBER, MOLEX LOGO, DATE CODE
- 13) RECOMMENDED DRILL SIZE 0.66±0.03 TO YIELD FINISHED PLATED THROUGH HOLE OF 0.55±0.05



| CLARIFY DIMENSIONS EC NO: UCP2016-2525 DRWN: TIBARRA 2015/12/18 CHK: MCAIN 2015/12/18 APPR: MILLER 2015/12/22 | 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>± .15</td> <td>± .005</td> </tr> <tr> <td>3 PLACES</td> <td>± .10</td> <td>± .005</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .01</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .01</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </tbody> </table> | | mm | INCH | 4 PLACES | ± .15 | ± .005 | 3 PLACES | ± .10 | ± .005 | 2 PLACES | ± 0.13 | ± .01 | 1 PLACE | ± 0.25 | ± .01 | 0 PLACE | ± | ± | DIMENSION STYLE MM/IN DRAWN BY: RWHIPPLE DATE: 2013/11/05 CHECKED BY: [] DATE: [] APPROVED BY: SMILLER DATE: 2013/11/19 | SCALE 2:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION | TITLE PLATEAU HS DOCK FIXED CONNECTOR NO GROUND FINGER molex | SHEET NO. 1 OF 3 |
|---|--------------------------------------|--|--------------------------------------|----|------|----------|-------|--------|----------|-------|--------|----------|--------|-------|---------|--------|-------|---------|---|---|--|--|--|---------------------|
| | | mm | INCH | | | | | | | | | | | | | | | | | | | | | |
| | 4 PLACES | ± .15 | ± .005 | | | | | | | | | | | | | | | | | | | | | |
| | 3 PLACES | ± .10 | ± .005 | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.13 | ± .01 | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± 0.25 | ± .01 | | | | | | | | | | | | | | | | | | | | | | |
| 0 PLACE | ± | ± | | | | | | | | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | ANGULAR ±1/2° | MATERIAL NO. SEE TABLE | DOCUMENT NO. SD-75018-5000 | | | | | | | | | | | | | | | | | | | | | |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX. INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | | | | | |

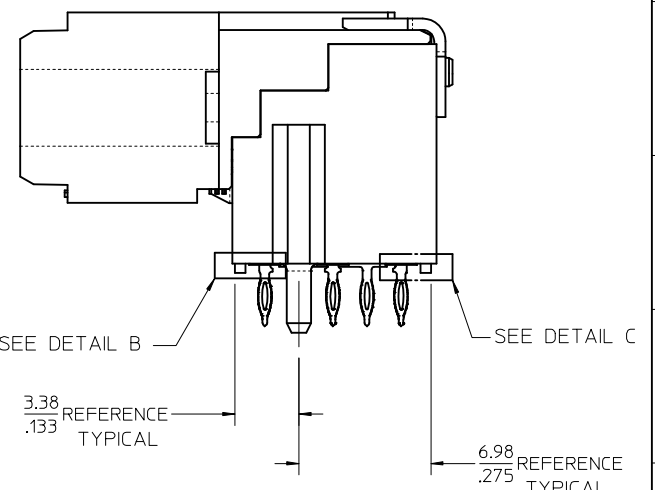
| ITEM NUMBER | CIRCUIT SIZE | NO. OF COLUMNS 'N' | PLATING FINISH | CENTERLINE DIMENSION 'A' mm(in) | O/A HEIGHT DIMENSION 'B' mm(in) | O/A LENGTH DIMENSION 'C' mm(in) | PEG TO PEG DIMENSION 'D' mm(in) | FIRST-LAST DIMENSION 'E' mm(in) |
|-------------|--------------|--------------------|----------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| 75018-5021 | 144 | 24 | FINISH 1 | 4.74 (.187) | 9.78 (.385) | 96.50 (3.799) | 87.00 (3.425) | 82.00 (3.228) |
| 75018-5022 | 144 | 24 | FINISH 1 | 5.74 (.226) | 10.78 (.424) | 96.50 (3.799) | 87.00 (3.425) | 82.00 (3.228) |
| 75018-5023 | 144 | 24 | FINISH 1 | 8.74 (.344) | 13.78 (.543) | 96.50 (3.799) | 87.00 (3.425) | 82.00 (3.228) |
| 75018-5024 | 108 | 18 | FINISH 1 | 4.74 (.187) | 9.78 (.385) | 75.50 (2.972) | 66.00 (2.598) | 61.00 (2.402) |
| 75018-5025 | 108 | 18 | FINISH 1 | 8.74 (.344) | 13.78 (.543) | 75.50 (2.972) | 66.00 (2.598) | 61.00 (2.402) |
| 75018-5026 | 120 | 20 | FINISH 1 | 4.74 (.187) | 9.78 (.385) | 82.50 (3.248) | 73.00 (2.874) | 68.00 (2.677) |
| 75018-5027 | 108 | 18 | FINISH 1 | 5.74 (.226) | 10.78 (.424) | 75.50 (2.972) | 66.00 (2.598) | 61.00 (2.402) |
| 75018-5029 | 120 | 20 | FINISH 1 | 5.74 (.226) | 10.78 (.424) | 82.50 (3.248) | 73.00 (2.874) | 68.00 (2.677) |
| 75018-5221 | 144 | 24 | FINISH 2 | 4.74 (.187) | 9.78 (.385) | 96.50 (3.799) | 87.00 (3.425) | 82.00 (3.228) |
| 75018-5224 | 108 | 18 | FINISH 2 | 4.74 (.187) | 9.78 (.385) | 75.50 (2.972) | 66.00 (2.598) | 61.00 (2.402) |



5.00
.197 REFERENCE

7.00
.276 REFERENCE
TYPICAL

SEE DETAIL A

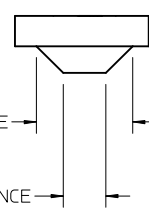


3.38
.133 REFERENCE
TYPICAL

6.98
.275 REFERENCE
TYPICAL

0.55
.022 REFERENCE
TYPICAL

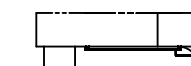
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.022 REFERENCE
TYPICAL



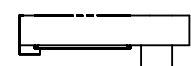
1.70
.067 REFERENCE
TYPICAL

0.75
.030 REFERENCE
TYPICAL

DETAIL A
SCALE 15:1



DETAIL B
SCALE 15:1



DETAIL C
SCALE 15:1

1) PLATING FINISHES:

FINISH 1:

CONTACT INTERFACE

0.76 MICROMETERS/30 MICROINCHES MINIMUM SELECT GOLD
NICKEL UNDERPLATE OVERALL

COMPLIANT INTERFACE

0.76 MICROMETERS/30 MICROINCHES MINIMUM SELECT MATTE-TIN OVER
NICKEL UNDERPLATE OVERALL

HOUSING

3.81 MICROMETERS/150 MICROINCHES MINIMUM NICKEL OVER
COPPER UNDERPLATE OVERALL

FINISH 2:

CONTACT INTERFACE

0.76 MICROMETERS/30 MICROINCHES MINIMUM SELECT GOLD
NICKEL UNDERPLATE OVERALL

COMPLIANT INTERFACE

0.76 MICROMETERS/30 MICROINCHES MINIMUM SELECT MATTE-TIN OVER
NICKEL UNDERPLATE OVERALL

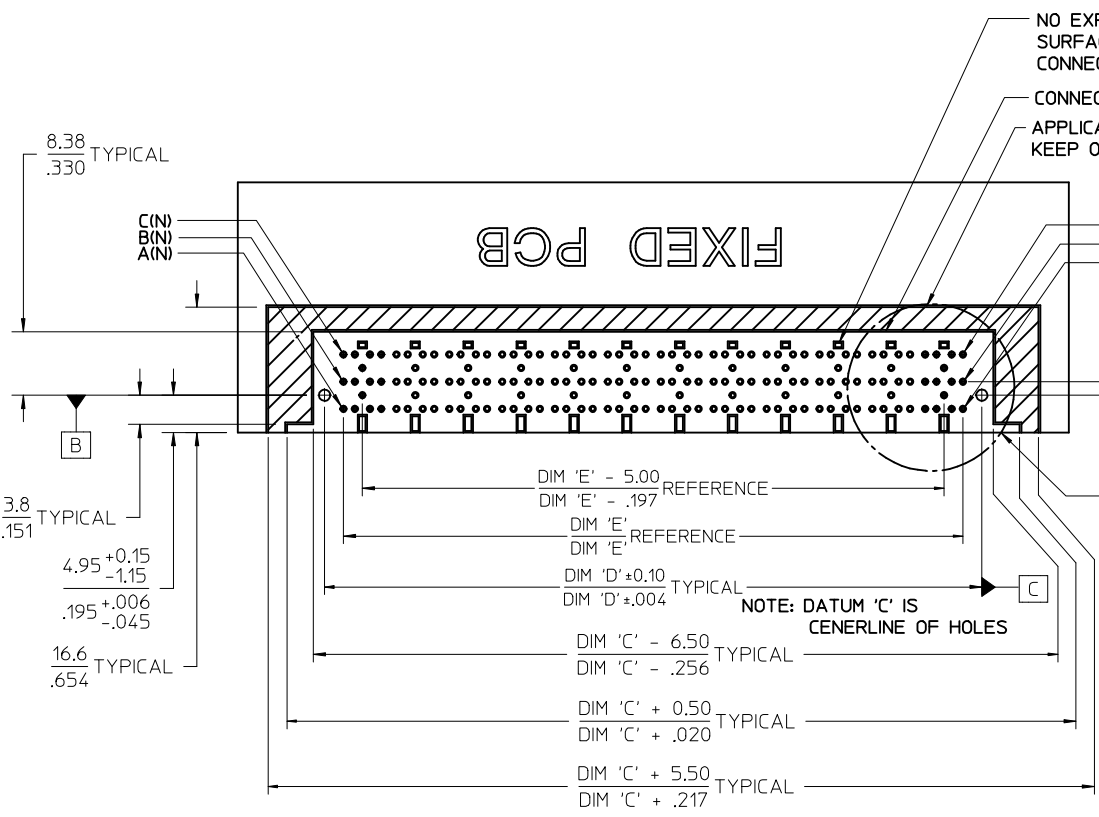
HOUSING

0.10 MICROMETERS/4 MICROINCHES MAXIMUM GOLD OVER
3.81 MICROMETERS/150 MICROINCHES MINIMUM NICKEL OVER
COPPER UNDERPLATE OVERALL

| SEE SHEET 1 EC NO: UCP2016-2525 DRWN: TIBARRA 2015/12/18 CHK: MCAN 2015/12/18 APPR: MILLER 2015/12/22 REV: | 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>± .005</td> <td>± .0005</td> </tr> <tr> <td>3 PLACES</td> <td>± .01</td> <td>± .001</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .01</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .01</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </tbody> </table> | | mm | INCH | 4 PLACES | ± .005 | ± .0005 | 3 PLACES | ± .01 | ± .001 | 2 PLACES | ± 0.13 | ± .01 | 1 PLACE | ± 0.25 | ± .01 | 0 PLACE | ± | ± | DIMENSION STYLE MM/IN | SCALE 3:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
|--|--------------------------------------|--|--------------------|---|--------------------------------------|----------------------------|--------|---------|----------|-------|--------|----------|--------|-------|---------|--------|-------|---------|---|---|---------------------------------|---------------------|-------------------------------|------------------------|
| | | mm | INCH | | | | | | | | | | | | | | | | | | | | | |
| | 4 PLACES | ± .005 | ± .0005 | | | | | | | | | | | | | | | | | | | | | |
| | 3 PLACES | ± .01 | ± .001 | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.13 | ± .01 | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± 0.25 | ± .01 | | | | | | | | | | | | | | | | | | | | | | |
| 0 PLACE | ± | ± | | | | | | | | | | | | | | | | | | | | | | |
| | | DRAWN BY RWHIPPLE | DATE 2013/11/05 | PLATEAU HS DOCK FIXED CONNECTOR NO GROUND FINGER | | | | | | | | | | | | | | | | | | | | |
| | | CHECKED BY MILLER | DATE 2013/11/19 | molex | | | | | | | | | | | | | | | | | | | | |
| | | APPROVED BY MILLER | | DATE 2013/11/19 | DOCUMENT NO. SD-75018-5000 | SHEET NO. 2 OF 3 | | | | | | | | | | | | | | | | | | |

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

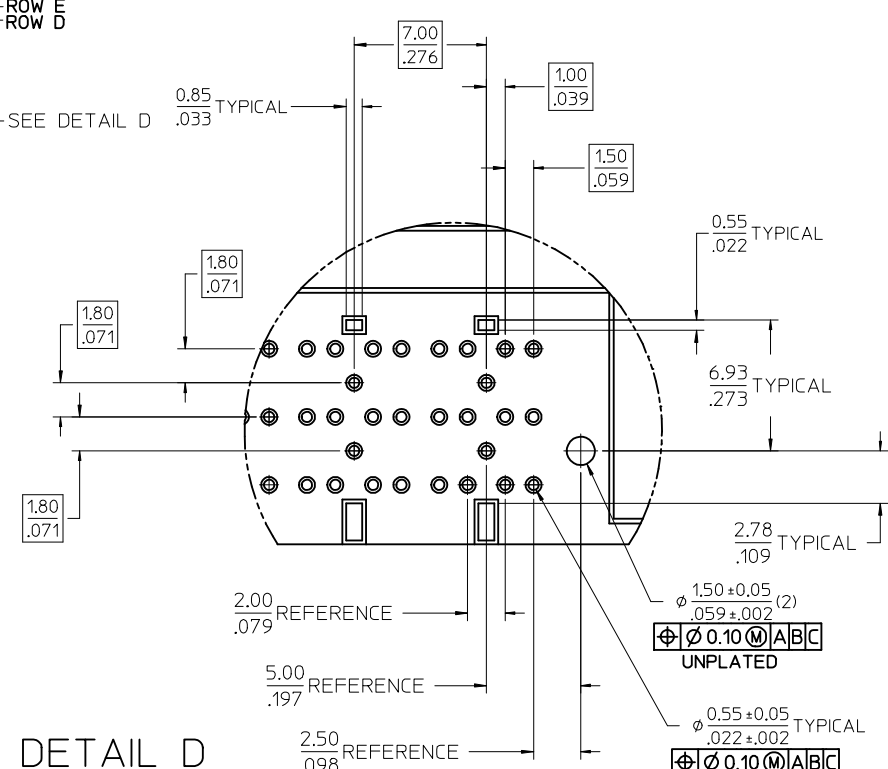


CIRCUIT DESIGNATION

FIRST MATE: HOUSING - SIGNAL GROUND
 SECOND MATE: A1, C1, A(N), C(N) (FOR POWER RETURN)
 THIRD MATE: A2, B2, C2, A(N-1), B(N-1), C(N-1) & ALL OTHERS (A2, C2, A(N-1) & C(N-1) FOR POWER) (ALL OTHERS SIGNAL)
 LAST MATE: B1, B(N) (FOR CARD DETECT)

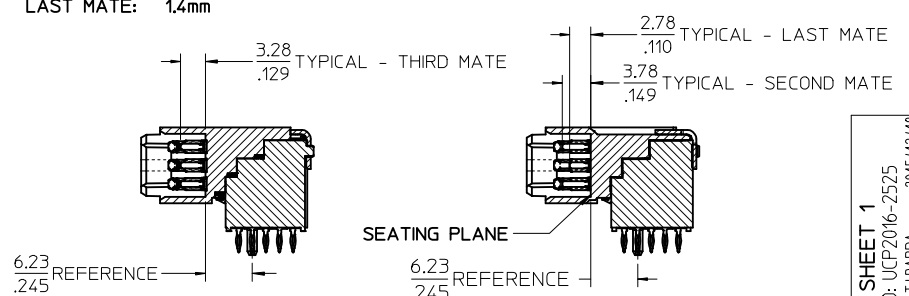
ALL COLUMNS FROM 3 THROUGH (N-2) ARE SUITABLE FOR DIFFERENTIAL PAIRS
 EG: A3-A4, B3-B4, C3-C4, A(N-2)-A(N-3), B(N-2)-B(N-3)

SIGNAL GROUND: ROWS D & E



NOMINAL WIPE - FULL SEATED

FIRST MATE: 7.2mm
 SECOND MATE: 2.4mm
 THIRD MATE: 1.9mm
 LAST MATE: 1.4mm



DETAIL D
 SCALE 5:1

| | | | | | | | |
|---|--------------------------------------|---------------------------------------|------|---|--------------------|---|------------------------|
| SEE SHEET 1 EC NO: UCP2016-2525 DRAWN: TIBARRA 2015/12/18 CHKD: MCAN 2015/12/18 APPR: MILLER 2015/12/17 | QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM/IN | SCALE 2:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
| | | mm | INCH | DRAWN BY RWHIPPLE | DATE 2013/11/05 | TITLE PLATEAU HS DOCK FIXED CONNECTOR NO GROUND FINGER | SHEET NO. 3 OF 3 |
| 4 PLACES ± --- ± --- | | 3 PLACES ± --- ± .005 | | APPROVED BY SMILLER | | DATE 2013/11/19 | |
| 2 PLACES ± 0.13 ± .01 | | 1 PLACE ± 0.25 ± --- | | MATERIAL NO. SEE TABLE | | DOCUMENT NO. SD-75018-5000 | |
| 0 PLACE ± ± | | ANGULAR ±1/2° | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |