

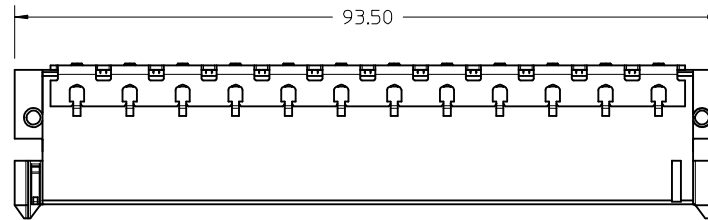
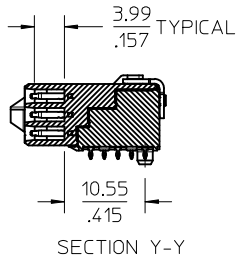
NOTES:

- 1) MATERIALS:
 HOUSING - LIQUID CRYSTAL POLYMER, UL94 V-0
 WAFER DIELECTRIC - LIQUID CRYSTAL POLYMER, UL94 V-0
 CONTACT - COPPER ALLOY
 CLIPS - STAINLESS STEEL
- 2) FINISHES: SEE SHEET 2
- 3) PRODUCT SPECIFICATION: THIS PART CONFORMS TO MOLEX SPECIFICATION PS-74148-0000.
- 4) PACKAGING SPECIFICATION: THIS PART TO BE PACKAGED PER SPECIFICATION PK-75020-030.
- 5) APPLICATION SPECIFICATION: THIS PART TO BE APPLIED PER SPECIFICATION AS-74148-0000. APPLICATION TOOL AND INSTRUCTIONS PER AS-74148-0000.
- 6) MATING INFORMATION
 THIS PART MATES WITH 74148-XXXX (108 CIRCUIT).
 WILL MATE WITH MAXIMUM OF 1.27mm MIS-ALIGNMENT
 WILL MATE WITH MAXIMUM 0.75° MIS-ALIGNMENT
- 7) ORIENTATION
 THIS PART CAN BE USED IN A STANDARD OR INVERTED ORIENTATION (I.E. ROTATED 180°)
- 8) SEE SHEET 3 FOR PCB LAYOUT INFORMATION
- 9) SEE SHEET 4 FOR CIRCUIT DESIGNATION
- 10) CIRCUITS IN THIS ZONE HAVE BEEN OMITTED TO SIMPLIFY THE MODEL. ACTUAL PRODUCT IS FULLY LOADED WITH TERMINALS
- 11) APPLICATION TOOLING KEEP OUT AREA. NO COMPONENTS ALLOWED IN THIS AREA.
- 12) CONFORMS TO MOLEX COSMETIC SPECIFICATION PS-45499-002 AND PS-45499-003.
- 13) MARKING: PART NUMBER, MX, DDDY
- 14) RECOMMENDED DRILL SIZE 0.48±0.03 TO YIELD FINISHED PLATED THROUGH HOLE 0.39±0.05
- 15) HOLD DOWN SCREWS ARE RECOMMENDED FOR THIS CONNECTOR.
 REFERENCE MOLEX DOCUMENT AS-74148-0000 SECTION 4.5.

| | | | | | | | | | |
|--|---------------------|--|--|---|--|---|------------------------|------------------------|--|
| ADD NOTE 15 / MOD VIEWS EC NO: UCP2015-2894 DRWN: MPOFF 2013/08/29 CHKD: BBARKER 2015/01/19 APPR: SMILLER 2015/01/29 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM/IN | | SCALE 2:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | |
| | | | | DRAWN BY DATE MPOFF 2012/09/19 | | TITLE HS DOCK+ FLOATING CONNECTOR | | | |
| | | | | CHECKED BY DATE TIBARRA 2012/09/19 | | | | | |
| | | | | APPROVED BY DATE SMILLER 2012/10/01 | | MATERIAL NO. | | DOCUMENT NO. | |
| | | ANGULAR ±1/2° | | SEE TABLE | | SD-74149-0001 | | 1 OF 5 | |
| | | 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 | | | | | |

| ITEM NUMBER | CIRCUIT SIZE | NO. OF COLUMNS 'N' | 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 SIGNAL DIMENSION 'E' mm(in) | FIRST-LAST GROUND DIMENSION 'F' mm(in) | PLATING FINISH | HOUSING FINISH | GROUND OPTION |
|-------------|--------------|--------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--|--|----------------|----------------|---------------|
| 74149-1001 | 144 | 24 | 4.74 (.187) | 9.98 (.393) | 93.50 (3.681) | 86.51 (3.406) | 82.00 (3.228) | 77.00 (3.031) | OPTION 1 | NICKEL | 2 TAIL |
| 74149-1101 | 144 | 24 | 4.74 (.187) | 9.98 (.393) | 93.50 (3.681) | 86.51 (3.406) | 82.00 (3.228) | 77.00 (3.031) | OPTION 1 | NICKEL | 3 TAIL |
| 74149-3001 | 144 | 24 | 4.74 (.187) | 9.98 (.393) | 93.50 (3.681) | 86.51 (3.406) | 82.00 (3.228) | 77.00 (3.031) | OPTION 2 | GOLD | 2 TAIL |
| 74149-3101 | 144 | 24 | 4.74 (.187) | 9.98 (.393) | 93.50 (3.681) | 86.51 (3.406) | 82.00 (3.228) | 77.00 (3.031) | OPTION 2 | GOLD | 3 TAIL |
| 74149-4002 | 108 | 18 | 4.74 (.187) | 9.98 (.393) | 72.50 (2.854) | 65.51 (2.579) | 61.00 (2.402) | 56.00 (2.205) | OPTION 1 | NICKEL | 2 TAIL |
| 74149-4102 | 108 | 18 | 4.74 (.187) | 9.98 (.393) | 72.50 (2.854) | 65.51 (2.579) | 61.00 (2.402) | 56.00 (2.205) | OPTION 1 | NICKEL | 3 TAIL |
| 74149-5002 | 108 | 18 | 4.74 (.187) | 9.98 (.393) | 72.50 (2.854) | 65.51 (2.579) | 61.00 (2.402) | 56.00 (2.205) | OPTION 2 | GOLD | 2 TAIL |
| 74149-5102 | 108 | 18 | 4.74 (.187) | 9.98 (.393) | 72.50 (2.854) | 65.51 (2.579) | 61.00 (2.402) | 56.00 (2.205) | OPTION 2 | GOLD | 3 TAIL |

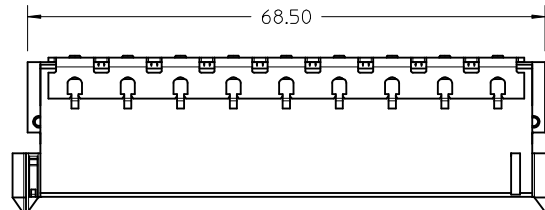
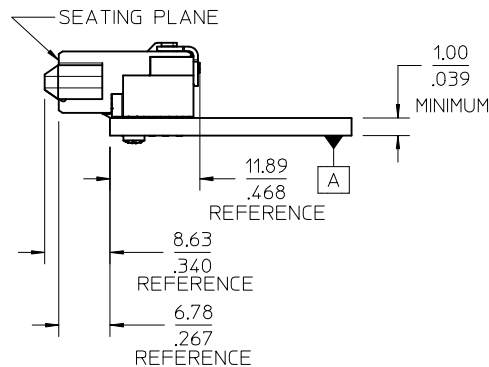
144 CKT



FINISHES:

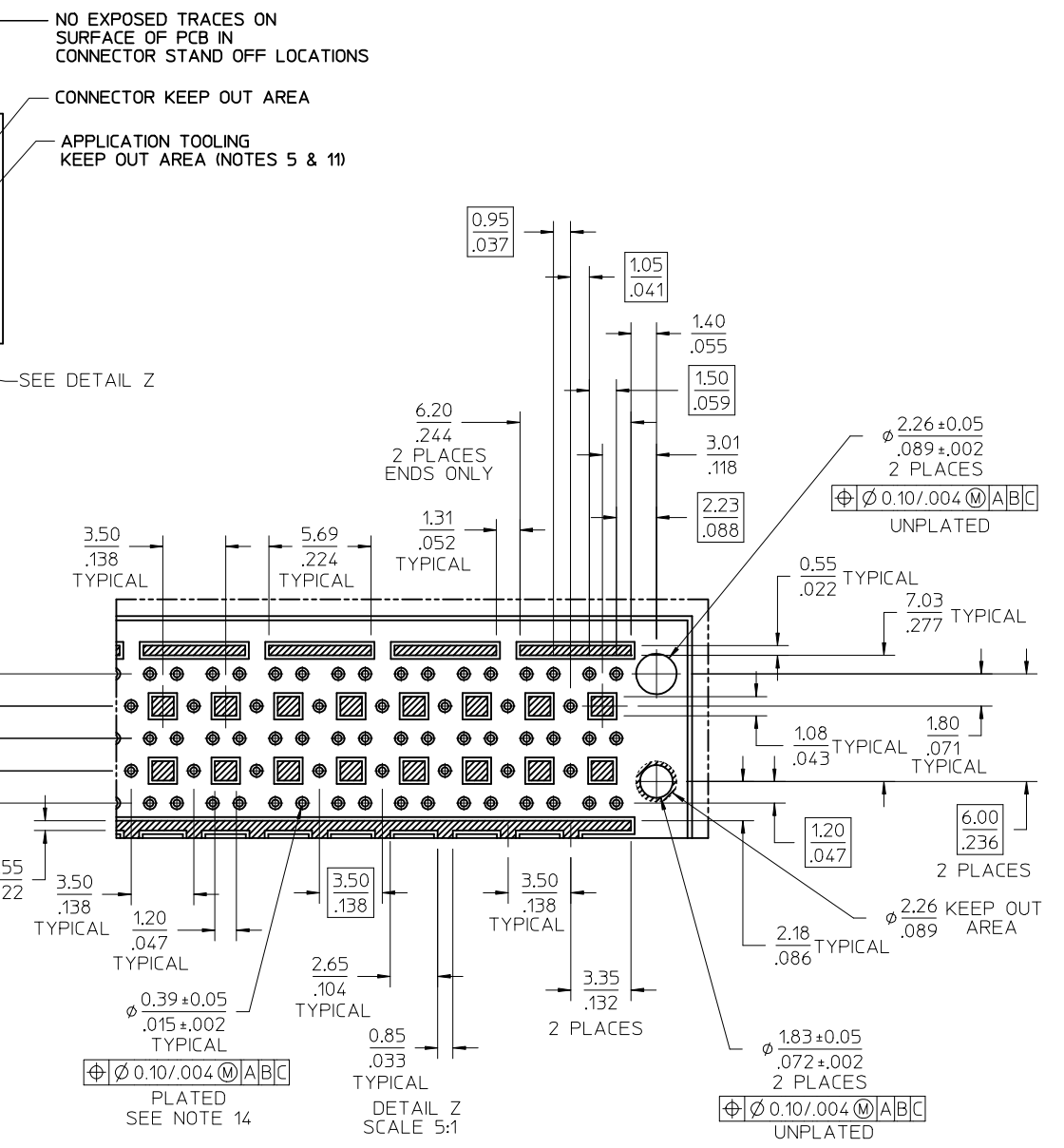
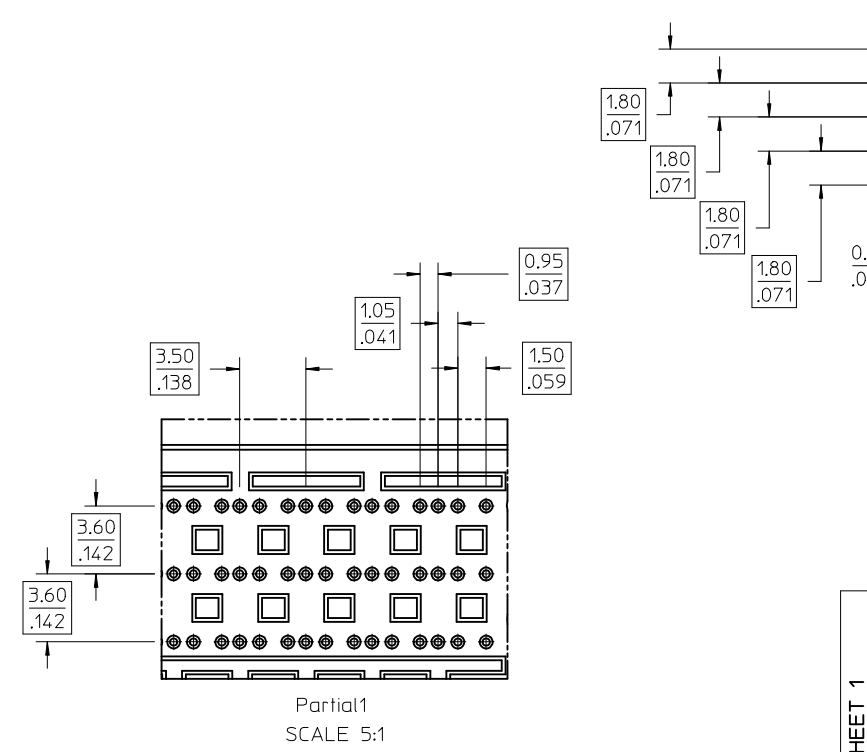
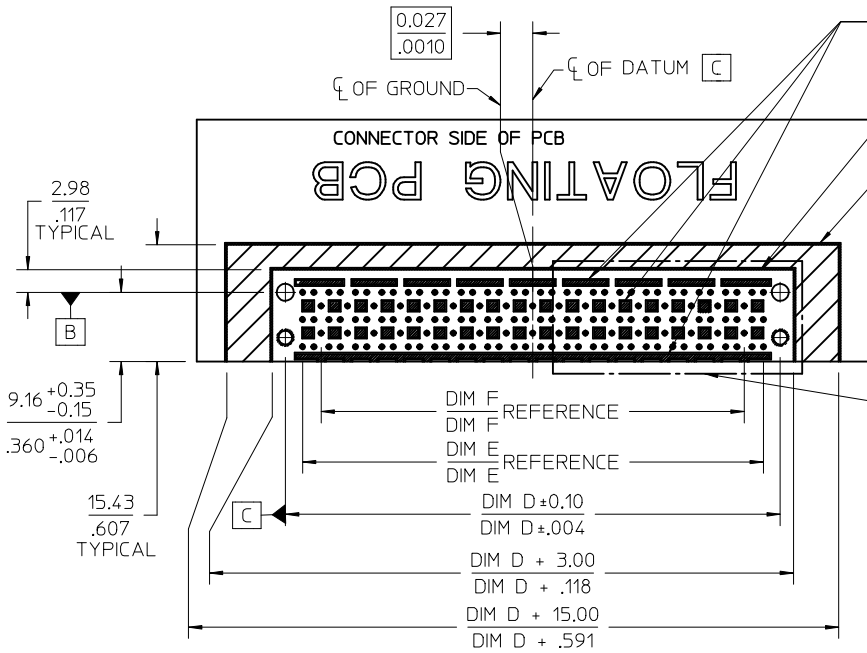
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 1.27 MICROMETER MINIMUM NICKEL OVERALL
 COMPLIANT INTERFACE
 0.76 MICROMETER MINIMUM SELECT TIN OVER
 1.27 MICROMETER MINIMUM NICKEL OVERALL
 HOUSING
 3.81 MICROMETER MINIMUM HIGH PHOS NICKEL OVER
 3.81 MICROMETER MINIMUM COPPER OVERALL

108 CKT



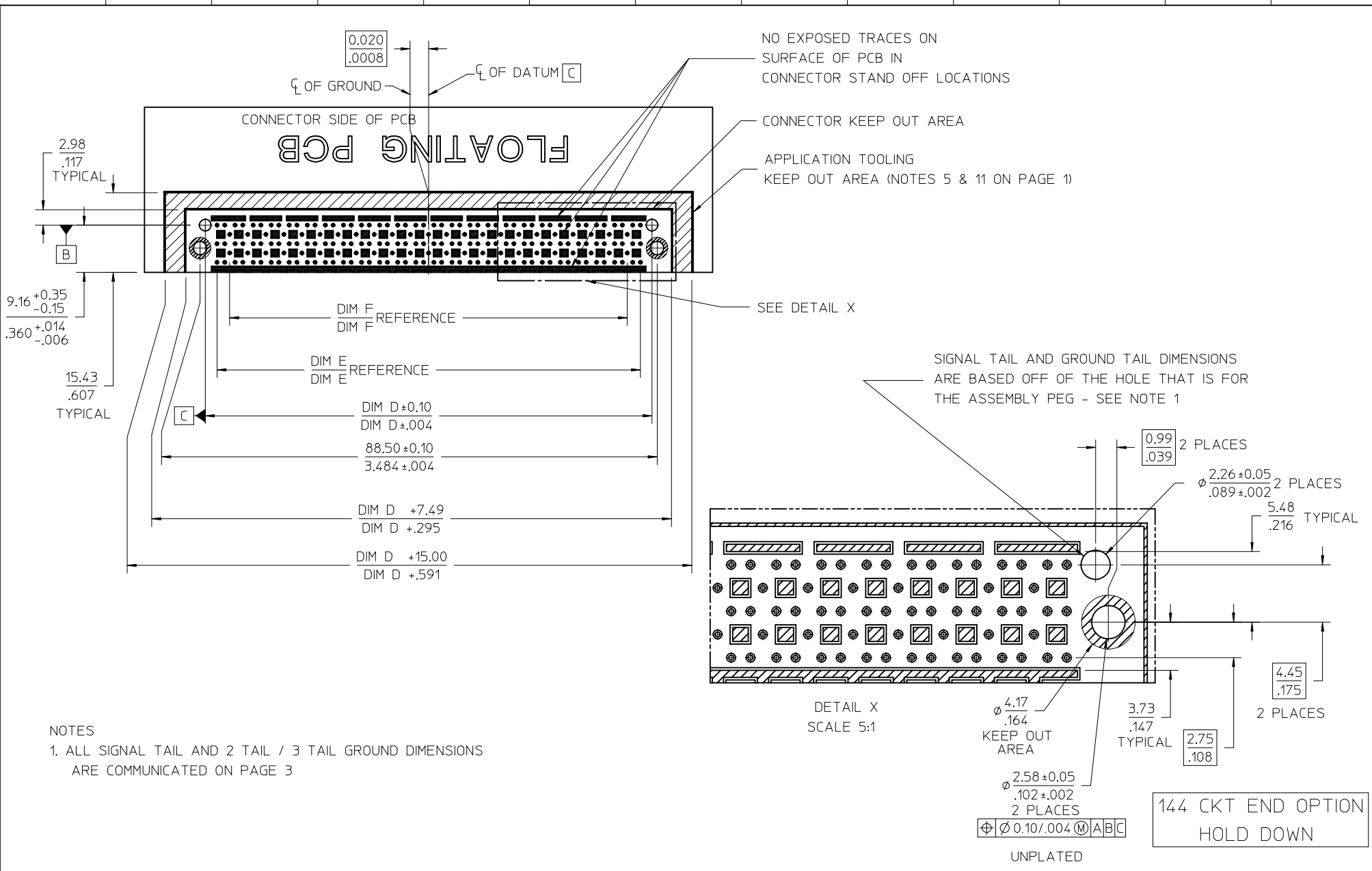
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 COMPLIANT INTERFACE
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 1.27 MICROMETER MINIMUM NICKEL OVERALL
 HOUSING
 0.10 MICROMETER MAXIMUM IMMERSION GOLD
 3.81 MICROMETER MINIMUM HIGH PHOS NICKEL OVER
 3.81 MICROMETER MINIMUM COPPER OVERALL

| | | | | | | | | | | | |
|---|--------------------------------------|--|-------|-----------------|------------|---|--------------|--------------------------------|--|--|--|
| SEE SHEET 1 EC NO: UCP2015-2894 DRWN:MPOFF 2013/08/29 CHKD:BBARKER 2015/01/19 APPR:SMILLER 2015/01/29 | QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE | | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | | | |
| | | | | MM/IN | | 2:1 | METRIC | | | | |
| | | | | mm | INCH | DRAWN BY | DATE | HS DOCK+ FLOATING CONNECTOR | | | |
| | | | | 4 PLACES ± .005 | ± .005 | MPOFF | 2012/09/19 | | | | |
| | | 3 PLACES ± .01 | ± .01 | CHECKED BY | DATE | molex | | | | | |
| | | 2 PLACES ± 0.13 | ± .01 | TIBARRA | 2012/09/19 | | | | | | |
| | | 1 PLACE ± 0.25 | ± .01 | APPROVED BY | DATE | DOCUMENT NO. | | SD-74149-0001 | | | |
| | | 0 PLACE ± | ± | SMILLER | 2012/10/01 | SHEET NO. | | | | | |
| | | ANGULAR ±1/2° | | MATERIAL NO. | | 2 OF 5 | | | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SEE TABLE | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | |



2 TAIL GROUND OPTION - 108 CKT END OPTION

| | | | | | | | | | | |
|---|--------------------------------------|---------------------------------------|--|--|--|--------------|---|-----------------------------|--|--|
| SEE SHEET 1 EC NO: UCP2015-2894 DRWN:MPOFF 2013/08/29 CHKD:BBARKER 2015/01/19 APPR:SMILLER 2015/01/29 | QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE | | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | | |
| | | | | MM/IN | | 2:1 | METRIC | | | |
| | | | | | | DRAWN BY | DATE | TITLE | | |
| | | | | | | MPOFF | 2012/09/19 | HS DOCK+ FLOATING CONNECTOR | | |
| | | | | CHECKED BY | | DATE | molex DOCUMENT NO. SD-74149-0001 SHEET NO. 3 OF 5 | | | |
| | | | | TIBARRA | | 2012/09/19 | | | | |
| | | | | APPROVED BY | | DATE | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |
| | | | | SMILLER | | 2012/10/01 | | | | |
| | | | | ANGULAR ±1/2° | | MATERIAL NO. | | | | |
| | | | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SEE TABLE | | | | |

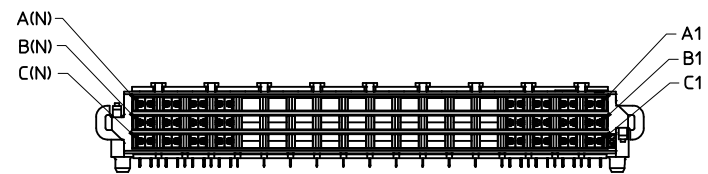
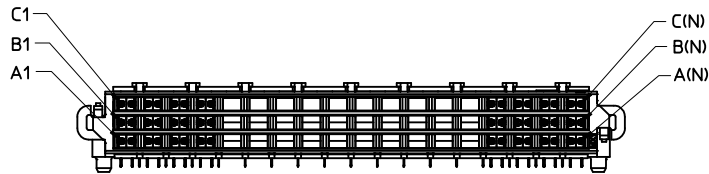
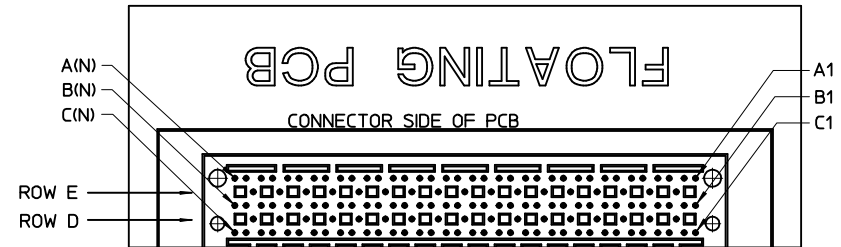
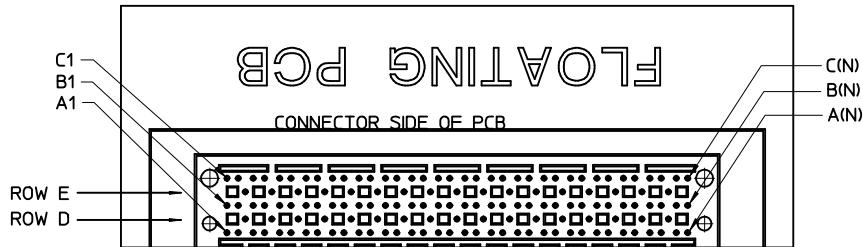
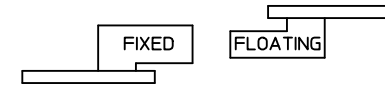
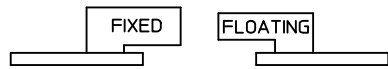


NOTES
 1. ALL SIGNAL TAIL AND 2 TAIL / 3 TAIL GROUND DIMENSIONS ARE COMMUNICATED ON PAGE 3

| | | | | | | | | | | | |
|---|--------------------------------------|---|-------------------------------|--------------------------|--------------------|-----------------------------|------------------------|------------------------|--|--|--|
| SEE SHEET 1 EC NO: UCP2015-2894 DRWN:MPOFF 2013/08/29 CHKD:BBARKER 2015/01/19 APPR:SMILLER 2015/01/29 | QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM/IN | | SCALE 2:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | | |
| | | 4 PLACES ± --- ± --- | 3 PLACES ± --- ±.005 | DRAWN BY MPOFF | DATE 2012/09/19 | HS DOCK+ FLOATING CONNECTOR | | | | | |
| | | 2 PLACES ±0.13 ±.01 | 1 PLACE ±0.25 ± --- | CHECKED BY TIBARRA | DATE 2012/09/19 | | | | | | |
| | | 0 PLACE ± ± | APPROVED BY SMILLER | DATE 2012/10/01 | molex | | | | | | |
| ANGULAR ±1/2° | | MATERIAL NO. SEE TABLE | DOCUMENT NO. SD-74149-0001 | SHEET NO. 4 OF 5 | | | | | | | |
| 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 | | | | | | | | | |

STANDARD APPLICATION CIRCUIT DESIGNATIONS

INVERTED APPLICATION CIRCUIT DESIGNATIONS



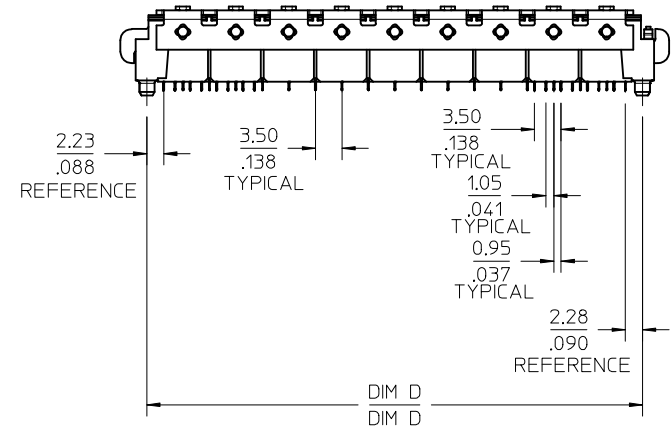
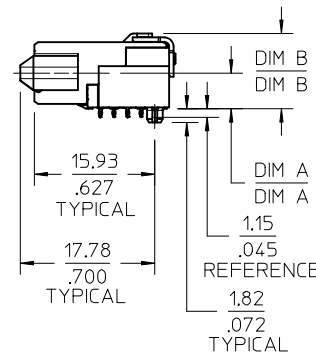
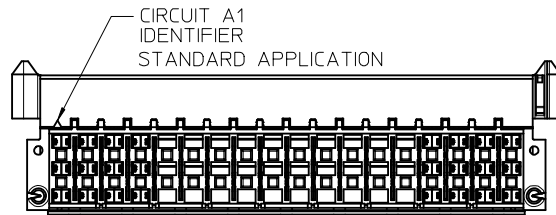
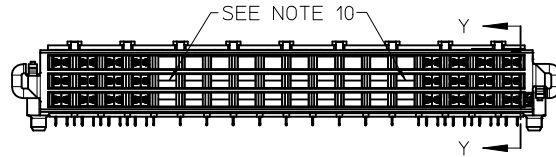
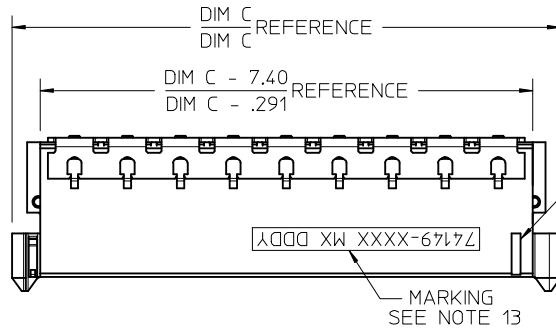
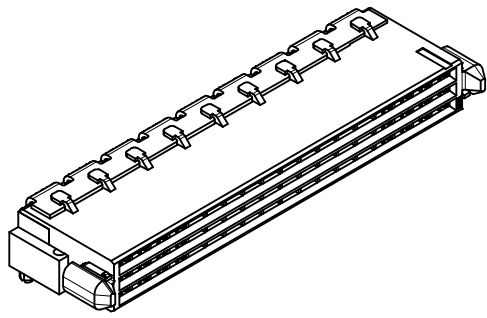
CIRCUIT DESIGNATION

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 FOR 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

| | | | | | | | | |
|---|--------------------------------------|---------------------------------------|---|--------------------------|--------------------|--|------------------------|--|
| SEE SHEET 1 EC NO: UCP2015-2894 DRWN:MPOFF 2013/08/29 CHKD:BBARKER 2015/01/19 APPR:SMILLER 2015/01/29 | QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM/IN | SCALE 2:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | |
| | | 4 PLACES ± --- ± --- | INCH | DRAWN BY MPOFF | DATE 2012/09/19 | HS DOCK+ FLOATING CONNECTOR molex DOCUMENT NO. SD-74149-0001 SHEET NO. 5 OF 5 | | |
| | | 3 PLACES ± --- ± .005 | CHECKED BY TIBARRA | DATE 2012/09/19 | | | | |
| | | 2 PLACES ± 0.13 ± .01 | APPROVED BY SMILLER | DATE 2012/10/01 | | | | |
| 1 PLACE ± 0.25 ± --- | MATERIAL NO. SEE TABLE | | | | | | | |
| 0 PLACE ± ± | ANGULAR ±1/2° | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SIZE C | | | | | | |



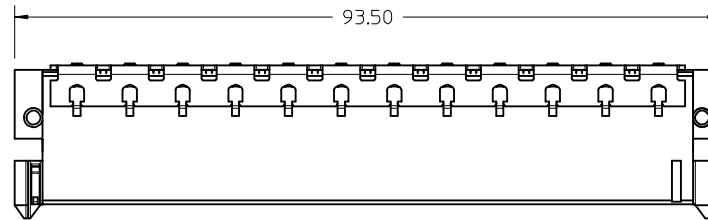
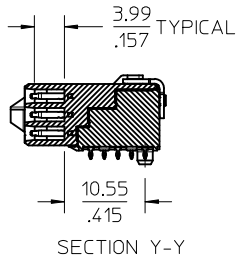
NOTES:

- 1) MATERIALS:
 HOUSING - LIQUID CRYSTAL POLYMER, UL94 V-0
 WAFER DIELECTRIC - LIQUID CRYSTAL POLYMER, UL94 V-0
 CONTACT - COPPER ALLOY
 CLIPS - STAINLESS STEEL
- 2) FINISHES: SEE SHEET 2
- 3) PRODUCT SPECIFICATION: THIS PART CONFORMS TO MOLEX SPECIFICATION PS-74148-0000.
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- 6) MATING INFORMATION
 THIS PART MATES WITH 74148-XXXX (108 CIRCUIT).
 WILL MATE WITH MAXIMUM OF 1.27mm MIS-ALIGNMENT
 WILL MATE WITH MAXIMUM 0.75° MIS-ALIGNMENT
- 7) ORIENTATION
 THIS PART CAN BE USED IN A STANDARD OR INVERTED ORIENTATION (I.E. ROTATED 180°)
- 8) SEE SHEET 3 FOR PCB LAYOUT INFORMATION
- 9) SEE SHEET 4 FOR CIRCUIT DESIGNATION
- 10) CIRCUITS IN THIS ZONE HAVE BEEN OMITTED TO SIMPLIFY THE MODEL. ACTUAL PRODUCT IS FULLY LOADED WITH TERMINALS
- 11) APPLICATION TOOLING KEEP OUT AREA. NO COMPONENTS ALLOWED IN THIS AREA.
- 12) CONFORMS TO MOLEX COSMETIC SPECIFICATION PS-45499-002 AND PS-45499-003.
- 13) MARKING: PART NUMBER, MX, DDDY
- 14) RECOMMENDED DRILL SIZE 0.48±0.03 TO YIELD FINISHED PLATED THROUGH HOLE 0.39±0.05
- 15) HOLD DOWN SCREWS ARE RECOMMENDED FOR THIS CONNECTOR.
 REFERENCE MOLEX DOCUMENT AS-74148-0000 SECTION 4.5.

| | | | | | | | | | |
|---|---------------------|--|--|---|--|--------------------------------|--------------|------------------------|--|
| ADD NOTE 15 / MOD VIEWS EC NO: UCP2015-2894 DRWN:MPOFF 2013/08/29 CHKD:BBARKER 2015/01/19 APPR:SMILLER 2015/01/29 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE | | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | |
| | | | | MM/IN | | 2:1 | METRIC | | |
| | | | | DRAWN BY DATE | | TITLE | | | |
| | | | | MPOFF 2012/09/19 | | HS DOCK+ FLOATING CONNECTOR | | | |
| | | CHECKED BY DATE | | TIBARRA 2012/09/19 | | | | | |
| | | APPROVED BY DATE | | SMILLER 2012/10/01 | | | | | |
| | | ANGULAR ±1/2° | | MATERIAL NO. | | DOCUMENT NO. | | SHEET NO. | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SEE TABLE | | SD-74149-0001 | | 1 OF 5 | |
| | | | | 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' | 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 SIGNAL DIMENSION 'E' mm(in) | FIRST-LAST GROUND DIMENSION 'F' mm(in) | PLATING FINISH | HOUSING FINISH | GROUND OPTION |
|-------------|--------------|--------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--|--|----------------|----------------|---------------|
| 74149-1001 | 144 | 24 | 4.74 (.187) | 9.98 (.393) | 93.50 (3.681) | 86.51 (3.406) | 82.00 (3.228) | 77.00 (3.031) | OPTION 1 | NICKEL | 2 TAIL |
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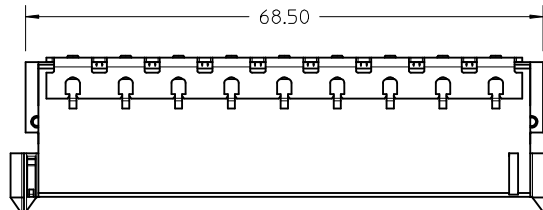
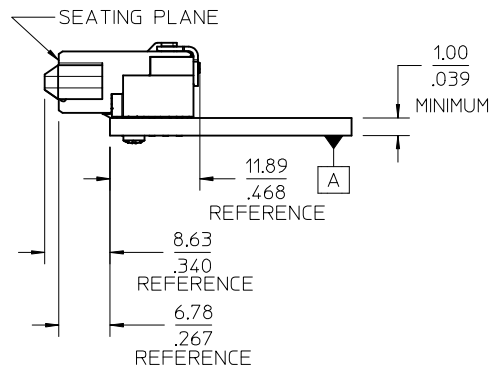
144 CKT



FINISHES:

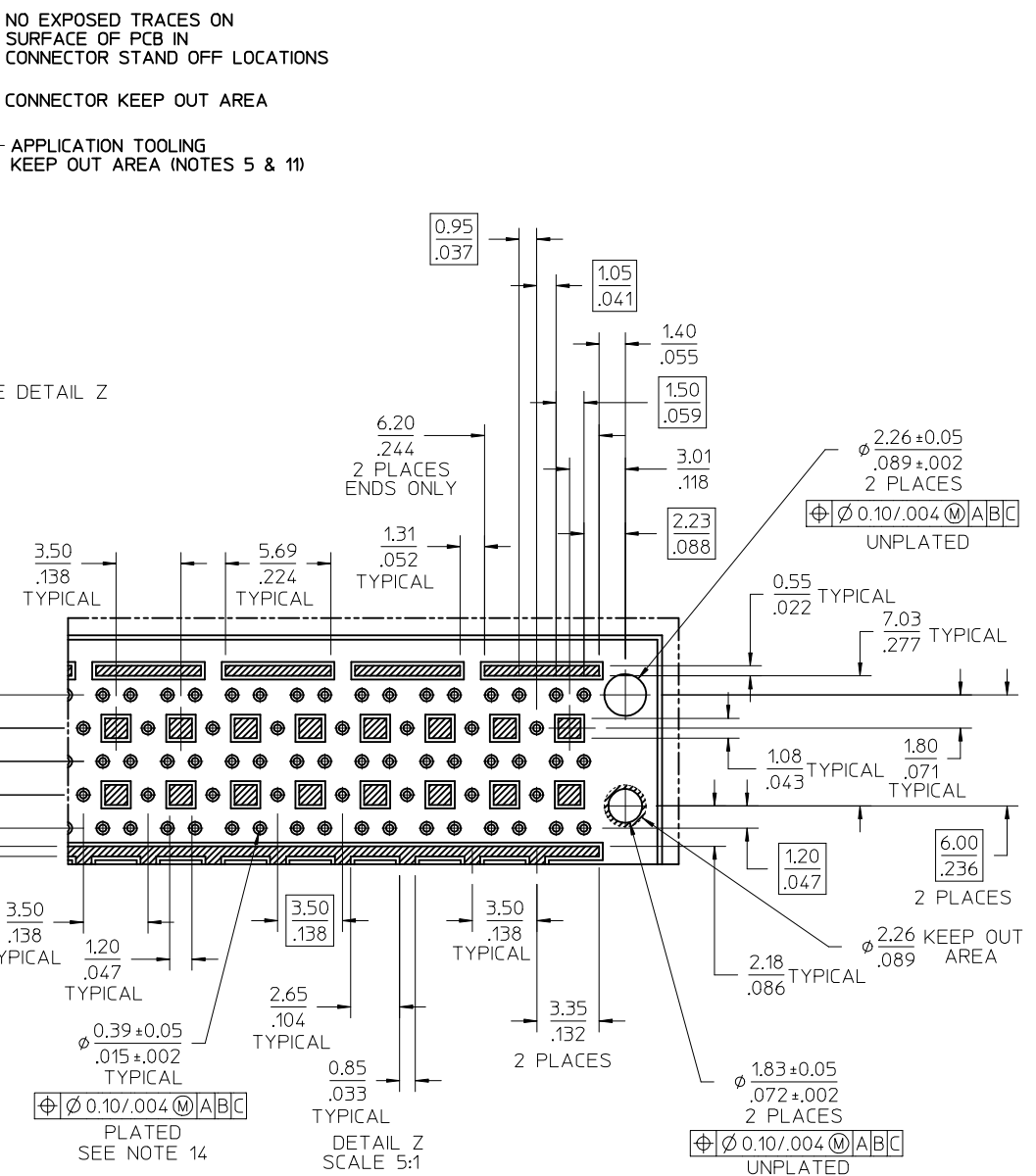
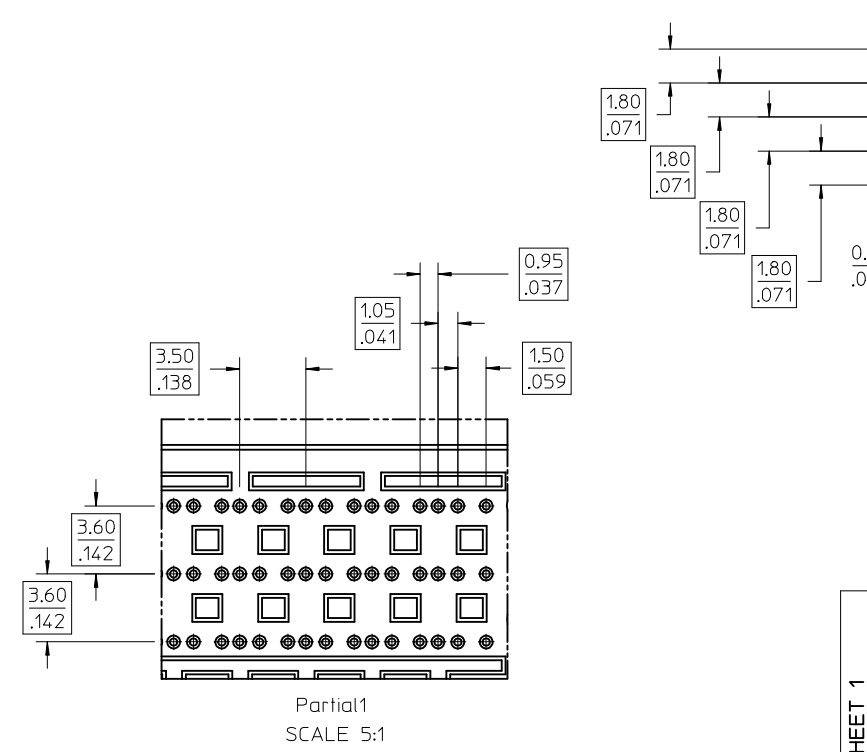
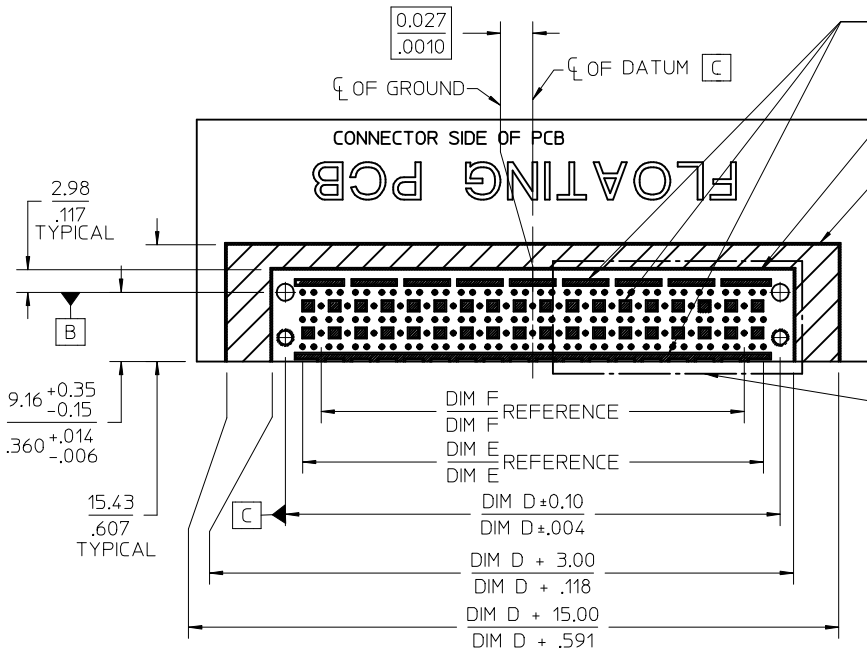
OPTION 1
 CONTACT INTERFACE
 0.76 MICROMETER MINIMUM SELECT GOLD
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 COMPLIANT INTERFACE
 0.76 MICROMETER MINIMUM SELECT TIN OVER
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 3.81 MICROMETER MINIMUM COPPER OVERALL

108 CKT



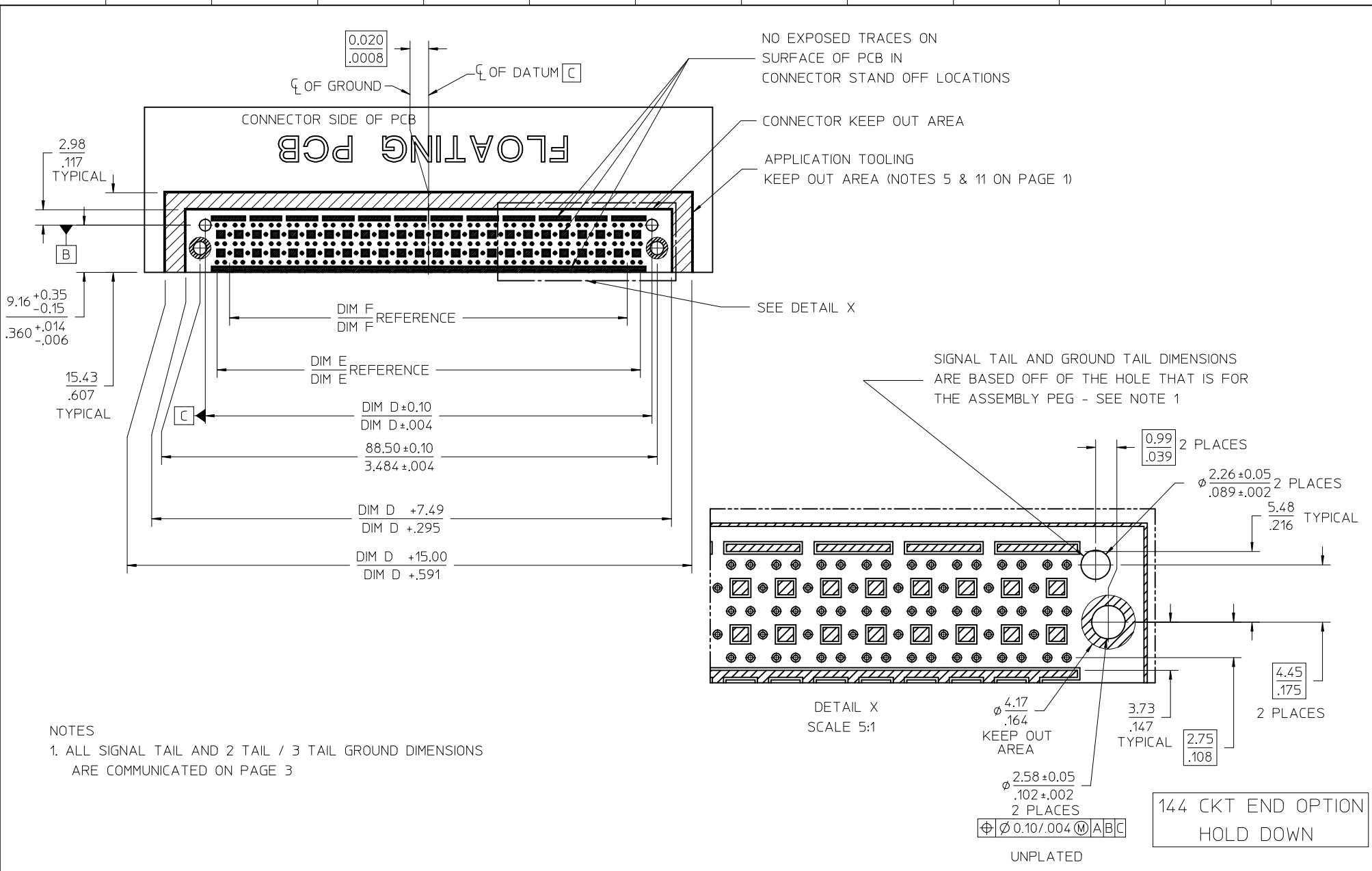
OPTION 2
 CONTACT INTERFACE
 0.76 MICROMETER MINIMUM SELECT GOLD
 1.27 MICROMETER MINIMUM NICKEL OVERALL
 COMPLIANT INTERFACE
 0.76 MICROMETER MINIMUM SELECT TIN OVER
 1.27 MICROMETER MINIMUM NICKEL OVERALL
 HOUSING
 0.10 MICROMETER MAXIMUM IMMERSION GOLD
 3.81 MICROMETER MINIMUM HIGH PHOS NICKEL OVER
 3.81 MICROMETER MINIMUM COPPER OVERALL

| | | | | | | | | | | | |
|---|--------------------------------------|---------------------------------------|--|--|--------|--------------|--------------|---|--|--|--|
| SEE SHEET 1 EC NO: UCP2015-2894 DRWN:MPOFF 2013/08/29 CHKD:BBARKER 2015/01/19 APPR:SMILLER 2015/01/29 | QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE | | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | | | |
| | | | | MM/IN | | 2:1 | METRIC | | | | |
| | | | | mm | INCH | DRAWN BY | DATE | TITLE HS DOCK+ FLOATING CONNECTOR | | | |
| | | | | 4 PLACES ± .005 | ± .005 | MPOFF | 2012/09/19 | | | | |
| | | | | 3 PLACES ± .01 | ± .01 | CHECKED BY | DATE | DOCUMENT NO. SD-74149-0001 | | | |
| | | | | 2 PLACES ± 0.13 | ± .01 | TIBARRA | 2012/09/19 | | | | |
| | | | | 1 PLACE ± 0.25 | ± .01 | APPROVED BY | DATE | SHEET NO. 2 OF 5 | | | |
| | | | | 0 PLACE ± | ± | SMILLER | 2012/10/01 | | | | |
| | | | | ANGULAR ±1/2° | | MATERIAL NO. | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |
| | | | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SEE TABLE | | | | | |



2 TAIL GROUND OPTION - 108 CKT END OPTION

| | | | | | | | | | |
|---|--------------------------------------|--|--|--------------------|--|---|--------------|------------------------|--|
| SEE SHEET 1 EC NO: UCP2015-2894 DRWN:MPOFF 2013/08/29 CHKD:BBARKER 2015/01/19 APPR:SMILLER 2015/01/29 | QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE | | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | |
| | | | | MM/IN | | 2:1 | METRIC | | |
| | | | | DRAWN BY DATE | | TITLE | | | |
| | | | | MPOFF 2012/09/19 | | HS DOCK+ FLOATING CONNECTOR | | | |
| | | 4 PLACES ± --- ± --- | | CHECKED BY DATE | | molex | | SHEET NO. | |
| | | 3 PLACES ± --- ±.005 | | TIBARRA 2012/09/19 | | SD-74149-0001 | | 3 OF 5 | |
| | | 2 PLACES ±.013 ±.01 | | APPROVED BY DATE | | | | | |
| | | 1 PLACE ±.025 ± --- | | SMILLER 2012/10/01 | | | | | |
| | | 0 PLACE ± ± | | | | | | | |
| | | ANGULAR ±1/2° | | MATERIAL NO. | | DOCUMENT NO. | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SEE TABLE | | | | | |
| | | | | SIZE C | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |

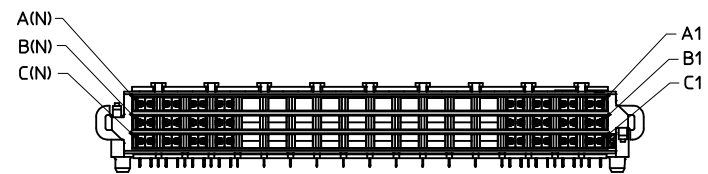
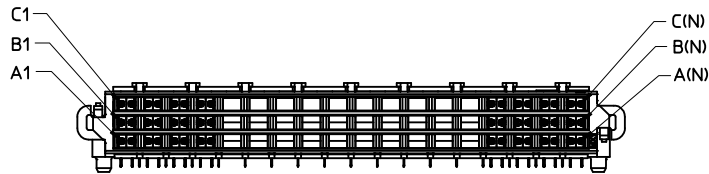
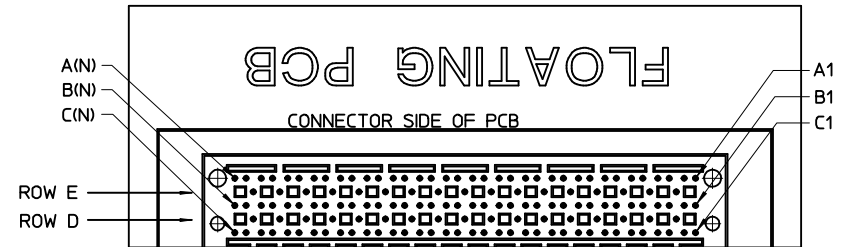
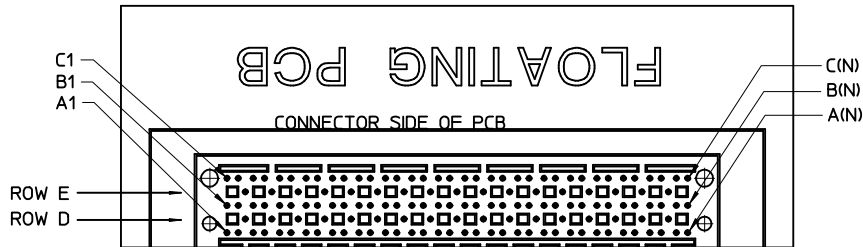
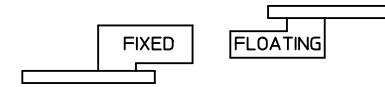
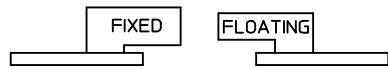


NOTES
 1. ALL SIGNAL TAIL AND 2 TAIL / 3 TAIL GROUND DIMENSIONS ARE COMMUNICATED ON PAGE 3

| | | | | | | | | | | | |
|---|--------------------------------------|---------------------------------------|-------------------------------|--------------------------|--------------------|--------------------------------|------------------------|------------------------|--|--|--|
| SEE SHEET 1 EC NO: UCP2015-2894 DRWN:MPOFF 2013/08/29 CHKD:BBARKER 2015/01/19 APPR:SMILLER 2015/01/29 | QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM/IN | | SCALE 2:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | | |
| | | 4 PLACES ± --- ± --- | 3 PLACES ± --- ±.005 | DRAWN BY MPOFF | DATE 2012/09/19 | HS DOCK+ FLOATING CONNECTOR | | | | | |
| | | 2 PLACES ±0.13 ±.01 | 1 PLACE ±0.25 ± --- | CHECKED BY TIBARRA | DATE 2012/09/19 | | | | | | |
| | | 0 PLACE ± ± | ANGULAR ±1/2° | APPROVED BY SMILLER | DATE 2012/10/01 | molex SD-74149-0001 | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | MATERIAL NO. SEE TABLE | DOCUMENT NO. SD-74149-0001 | SHEET NO. 4 OF 5 | | | | | | | |

STANDARD APPLICATION CIRCUIT DESIGNATIONS

INVERTED APPLICATION CIRCUIT DESIGNATIONS



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 FOR 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

| | | | | | | | | | |
|---|--------------------------------------|---------------------------------------|-----------------------|--|----------------------|------------------------|------------------------|------------------------|---|
| SEE SHEET 1 EC NO: UCP2015-2894 DRWN:MPOFF 2013/08/29 CHKD:BBARKER 2015/01/19 APPR:SMILLER 2015/01/29 | QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM/IN | SCALE 2:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | |
| | | 4 PLACES ± --- ± --- | 3 PLACES ± --- ± .005 | 2 PLACES ± 0.13 ± .01 | 1 PLACE ± 0.25 ± --- | 0 PLACE ± ± | DRAWN BY MPOFF | DATE 2012/09/19 | TITLE HS DOCK+ FLOATING CONNECTOR |
| | | ANGULAR ±1/2° | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | CHECKED BY TIBARRA | DATE 2012/09/19 | APPROVED BY SMILLER | |
| | | MATERIAL NO. SEE TABLE | | DOCUMENT NO. SD-74149-0001 | | SHEET NO. 5 OF 5 | | | |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | |