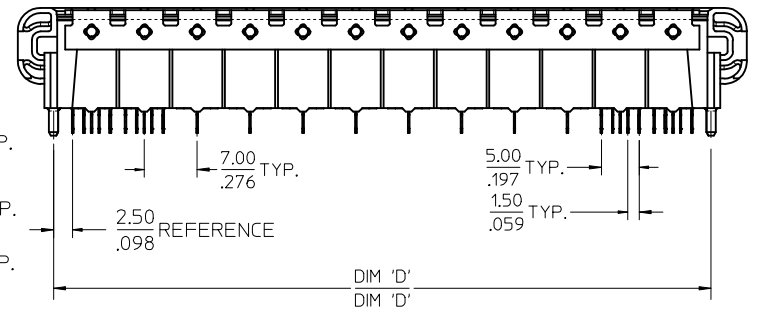
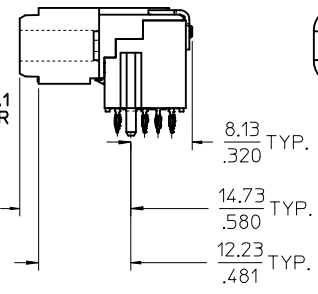
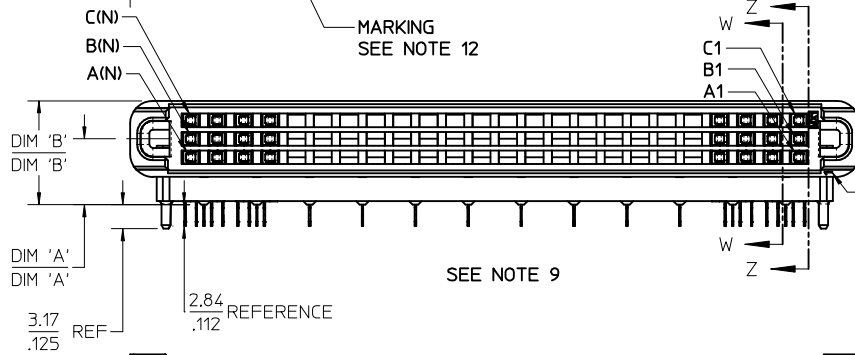
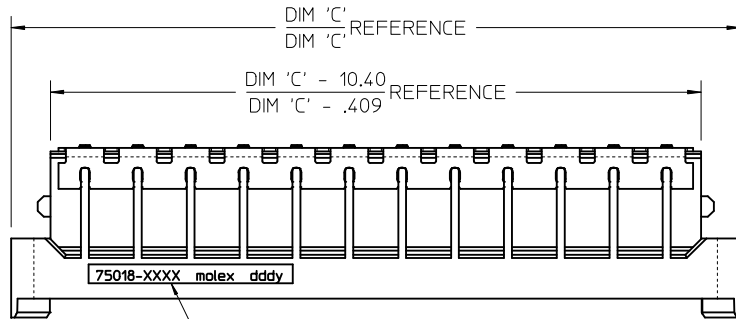


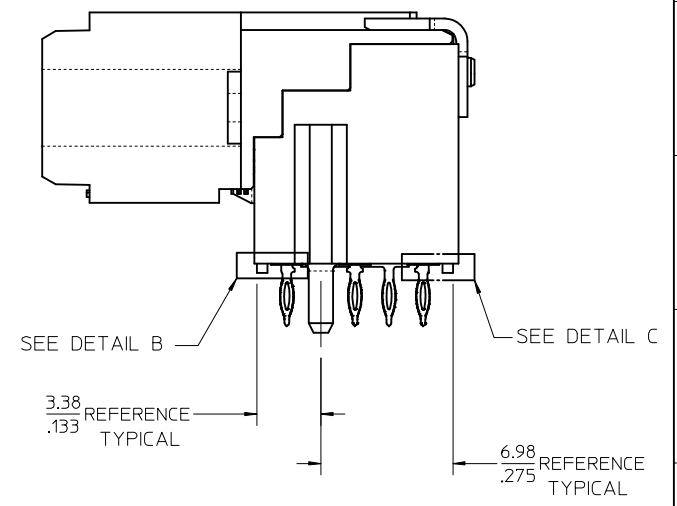
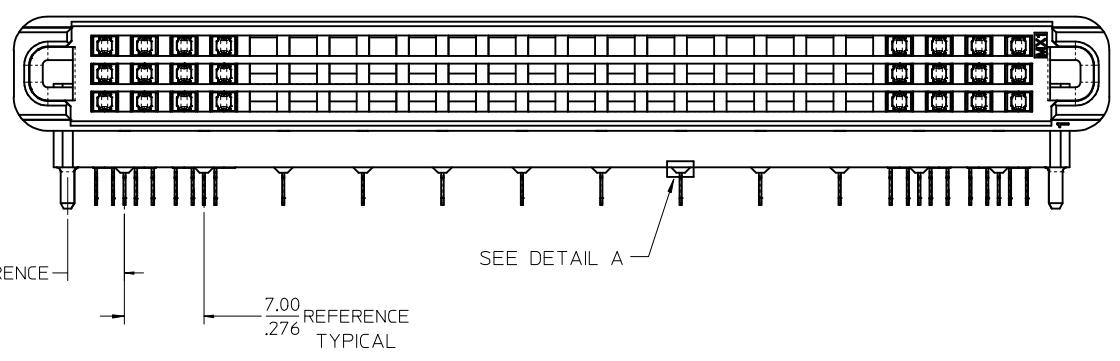
NOTES:

- 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

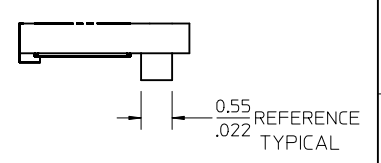
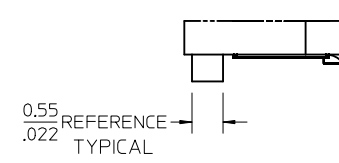
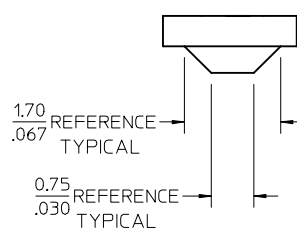


CLARIFY DIMENSIONS EC NO: UCP2016-2525 DRWN: TIBARRA 2015/12/18 CHK: DMCAN 2015/12/18 APPR: SMILLER 2015/12/22	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .15</td> <td>± .005</td> </tr> <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)



- 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

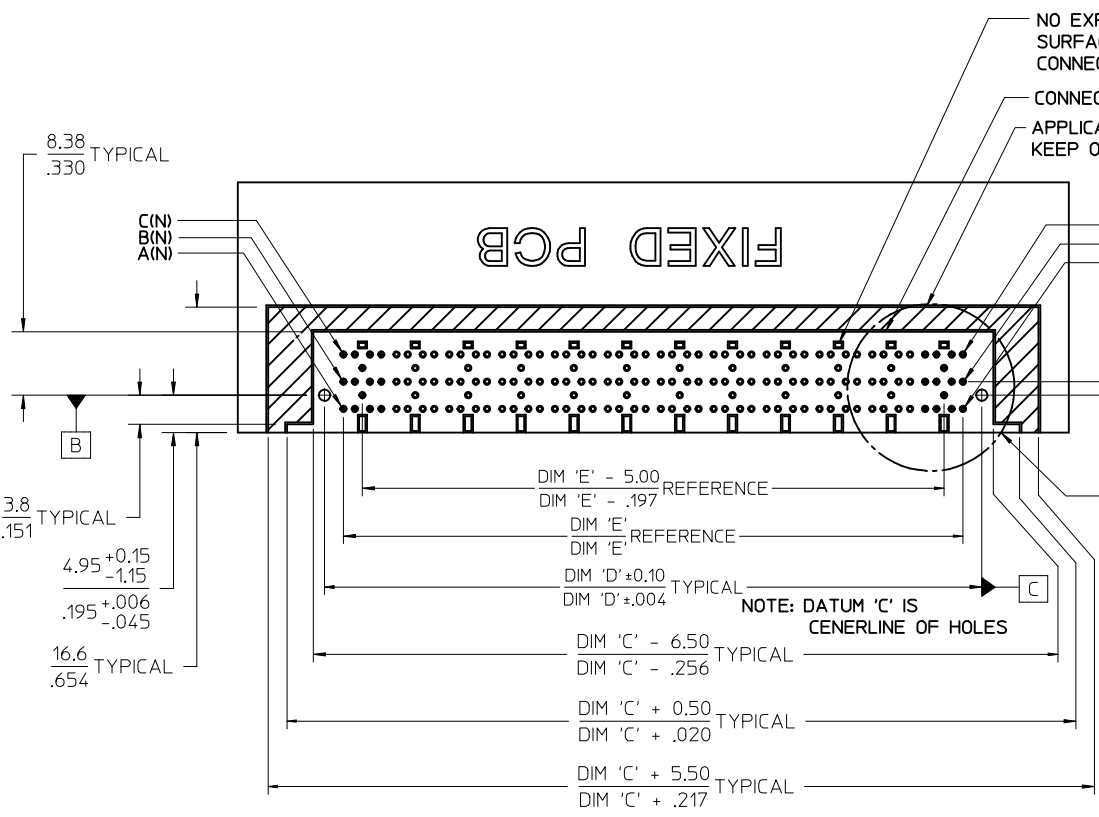


DETAIL A
SCALE 15:1

DETAIL B
SCALE 15:1

DETAIL C
SCALE 15:1

SEE SHEET 1 EC NO: UCP2016-2525 DRWN: TIBARRA 2015/12/18 CHK: MCANIN 2015/12/18 APPR: MILLER 2015/12/22	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		mm	INCH	MM/IN	3:1	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 DOCUMENT NO. SD-75018-5000 SHEET NO. 2 OF 3				
1 PLACE ± 0.25	± ---	APPROVED BY	DATE					
0 PLACE ±	±	SMILLER	2013/11/19	MATERIAL NO. SEE TABLE DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
		ANGULAR ±1/2°		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

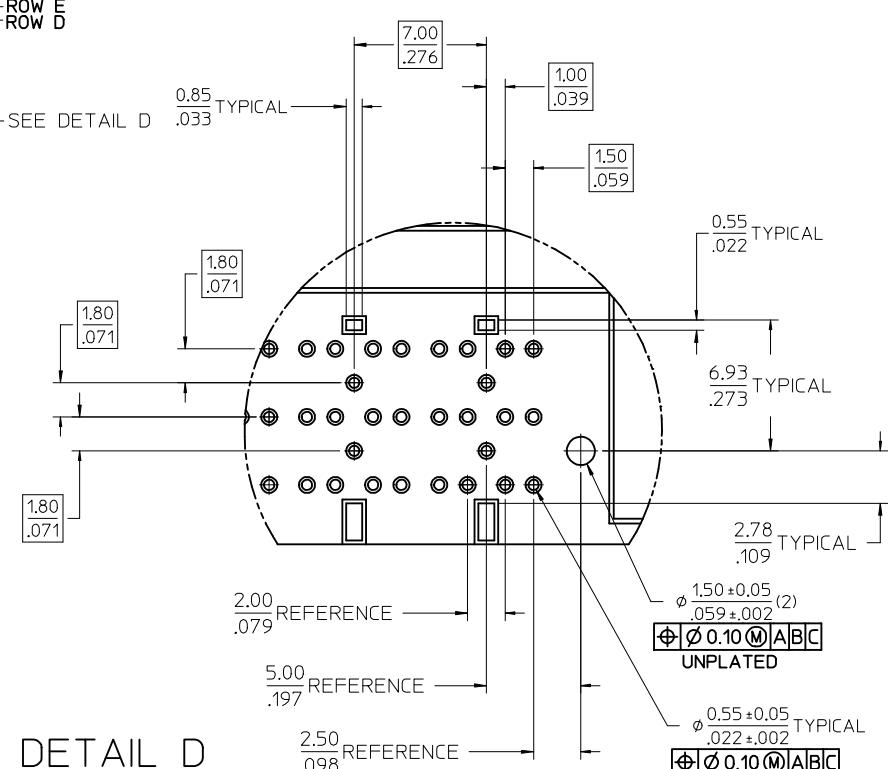


CIRCUIT DESIGNATION

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)

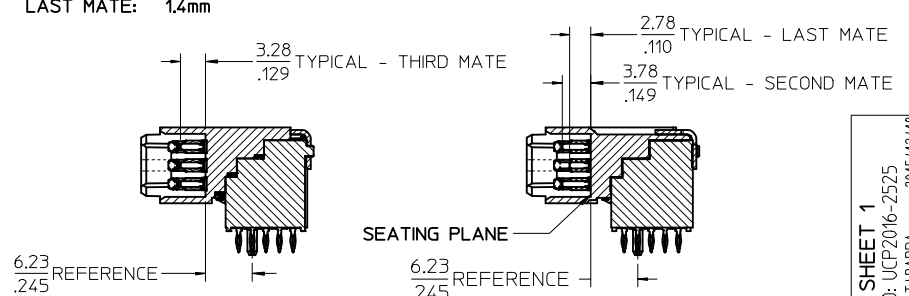
ALL COLUMNS FROM 3 THROUGH (N-2) ARE SUITABLE FOR DIFFERENTIAL PAIRS
 EG: A3-A4, B3-B4, C3-C4, A(N-2)-A(N-3), B(N-2)-B(N-3)

SIGNAL GROUND: ROWS D & E



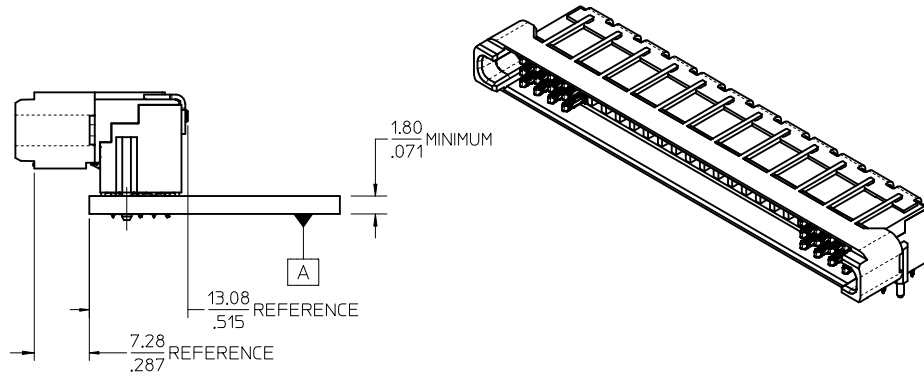
NOMINAL WIPE - FULL SEATED

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



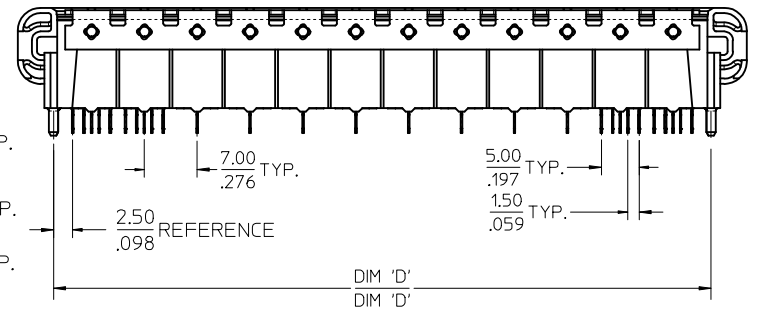
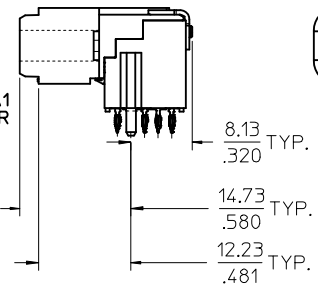
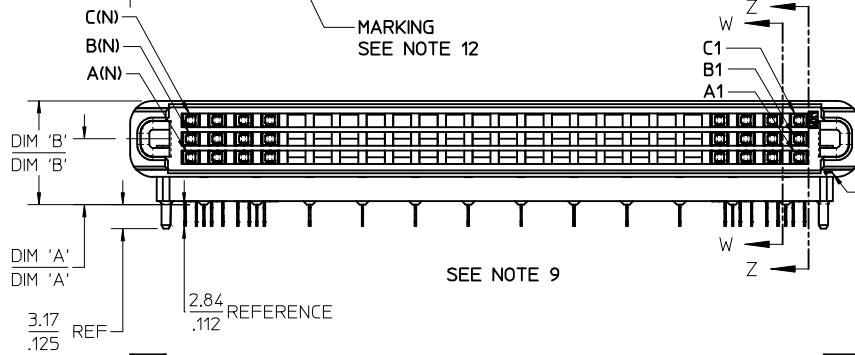
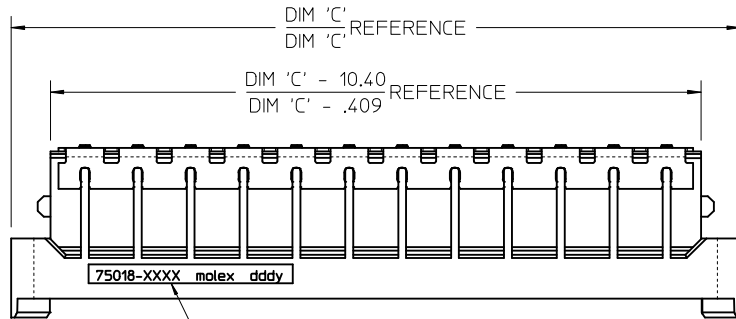
DETAIL D
 SCALE 5:1

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	DOCUMENT NO. SD-75018-5000
4 PLACES ± --- ± ---		3 PLACES ± --- ± .005		CHECKED BY DATE		APPROVED BY SMILLER	
2 PLACES ± 0.13 ± .01		1 PLACE ± 0.25 ± ---		APPROVED BY DATE			molex
0 PLACE ± ±		ANGULAR ±1/2°		MATERIAL NO. SEE TABLE		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					



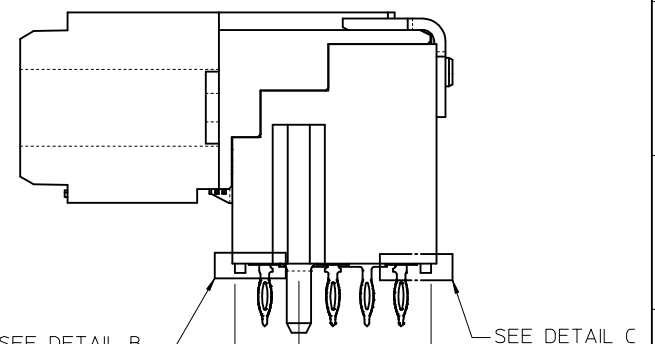
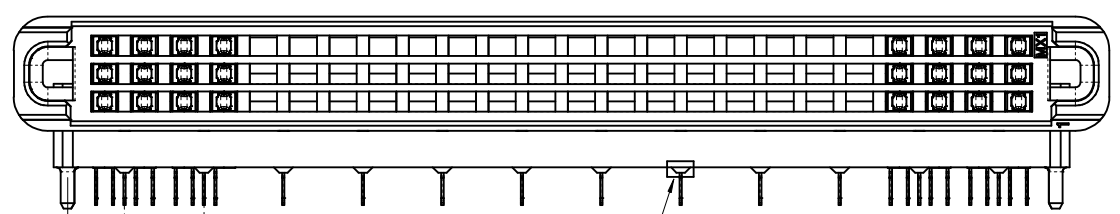
NOTES:

- 1) MATERIALS:
HOUSING - LIQUID CRYSTAL POLYMER, UL94 V-0
WAFER DIELECTRIC - LIQUID CRYSTAL POLYMER, UL94 V-0
CONTACT - COPPER ALLOY
- 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

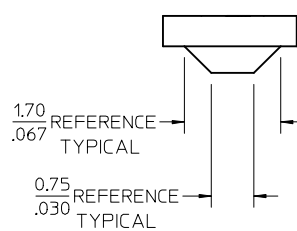


CLARIFY DIMENSIONS EC NO: UCP2016-2525 DRWN: TIBARRA 2015/12/18 CHKD: MCAN 2015/12/18 APPR: SMILLER 2015/12/18	DESCRIPTION REV:	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .15</td> <td>± .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	DOCUMENT NO. SD-75018-5000	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	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																						

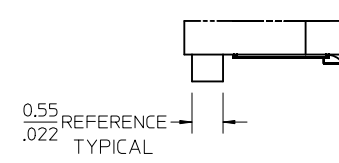
ITEM NUMBER	CIRCUIT SIZE	NO. OF COLUMNS 'N'	PLATING FINISH	CENTERLINE DIMENSION 'A' mm(in)	O/A HEIGHT DIMENSION 'B' mm(in)	O/A LENGTH DIMENSION 'C' mm(in)	PEG TO PEG DIMENSION 'D' mm(in)	FIRST-LAST DIMENSION 'E' mm(in)
75018-5021	144	24	FINISH 1	4.74 (.187)	9.78 (.385)	96.50 (3.799)	87.00 (3.425)	82.00 (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)



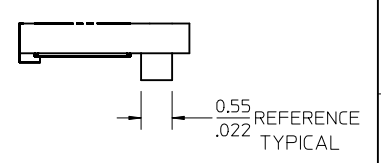
- 1) PLATING FINISHES:
- FINISH 1:
- CONTACT INTERFACE
 - 0.76 MICROMETERS/30 MICROINCHES MINIMUM SELECT GOLD
 - NICKEL UNDERPLATE OVERALL
 - COMPLIANT INTERFACE
 - 0.76 MICROMETERS/30 MICROINCHES MINIMUM SELECT MATTE-TIN OVER
 - NICKEL UNDERPLATE OVERALL
 - HOUSING
 - 3.81 MICROMETERS/150 MICROINCHES 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



DETAIL A
SCALE 15:1

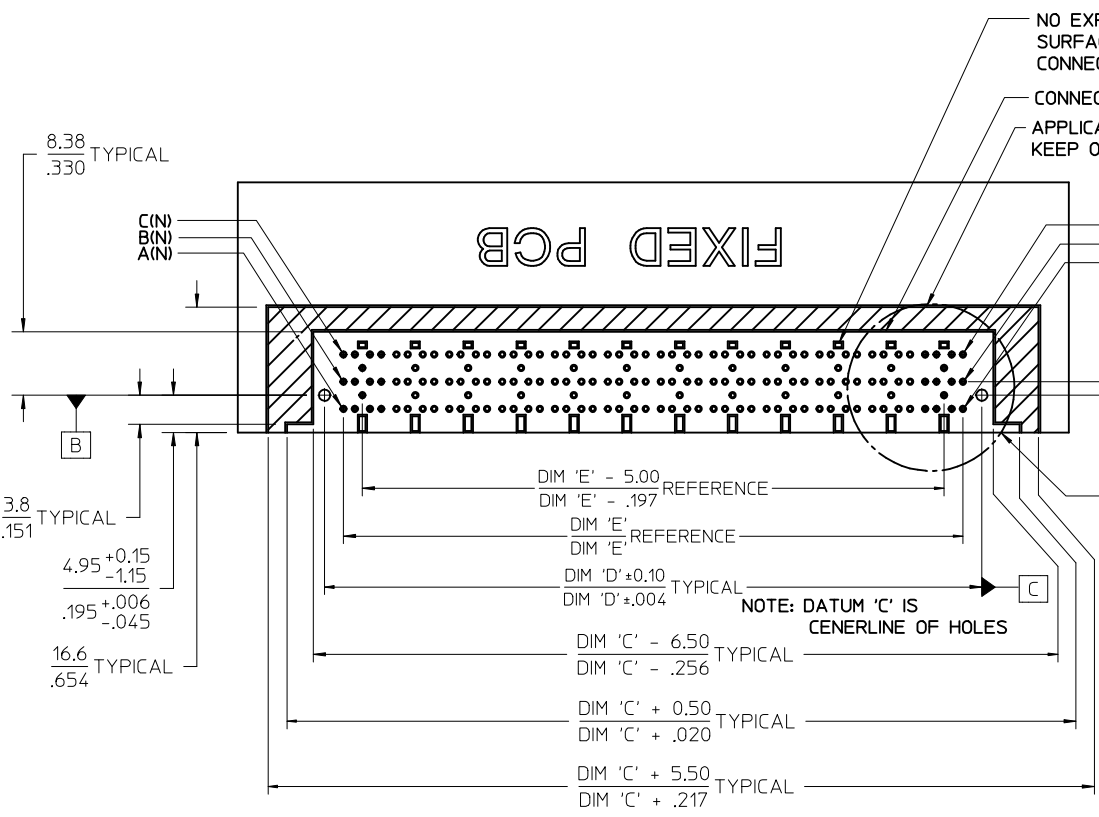


DETAIL B
SCALE 15:1



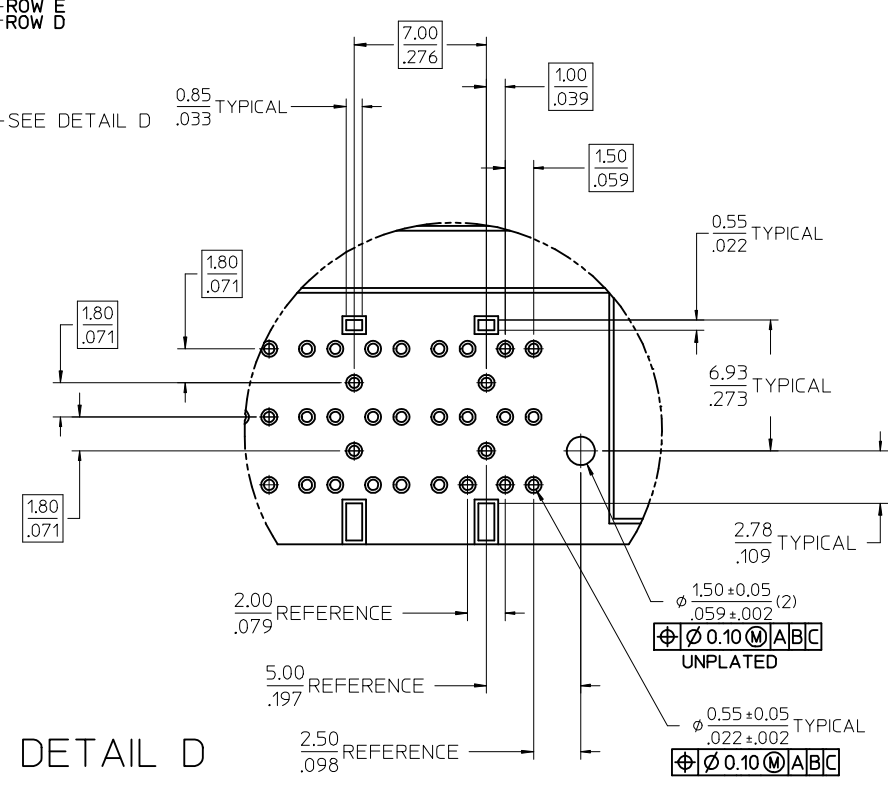
DETAIL C
SCALE 15:1

SEE SHEET 1 EC NO: UCP2016-2525 DRWN: TIBARRA 2015/12/18 CHK: MCANIN 2015/12/18 APPR: MILLER 2015/12/22	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		mm	INCH	MM/IN	3:1	METRIC	☉	
		4 PLACES ± ---	± ---	DRAWN BY	DATE	PLATEAU HS DOCK FIXED CONNECTOR NO GROUND FINGER molex		
		3 PLACES ± ---	± .005	RWHIPPLE	2013/11/05			
2 PLACES ± 0.13	± .01	CHECKED BY	DATE	MATERIAL NO.		DOCUMENT NO.	SHEET NO.	
1 PLACE ± 0.25	± ---	APPROVED BY	DATE	SEE TABLE		SD-75018-5000	2 OF 3	
0 PLACE ±	±	SMILLER	2013/11/19	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

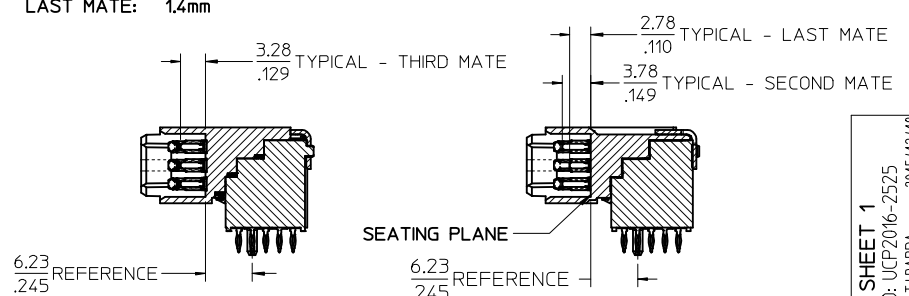


NO EXPOSED TRACES ON SURFACE OF PCB IN CONNECTOR STAND OFF LOCATIONS
 CONNECTOR KEEP OUT AREA
 APPLICATION TOOLING KEEP OUT AREA (NOTES 5 & 10)

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

SECTION W-W

SECTION Z-Z

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