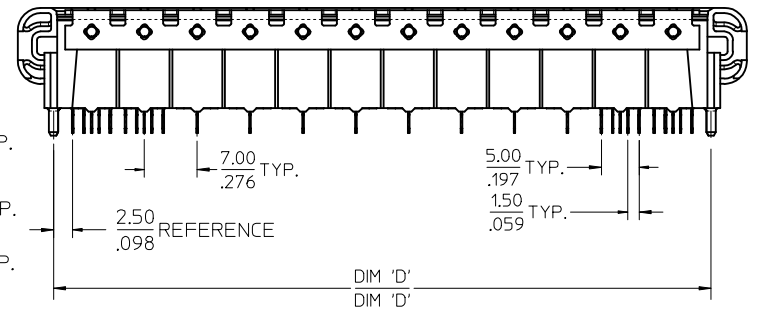
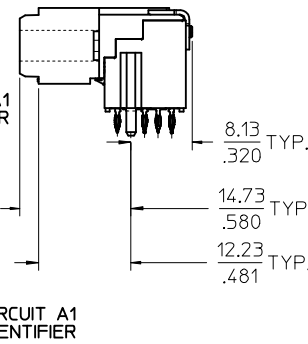
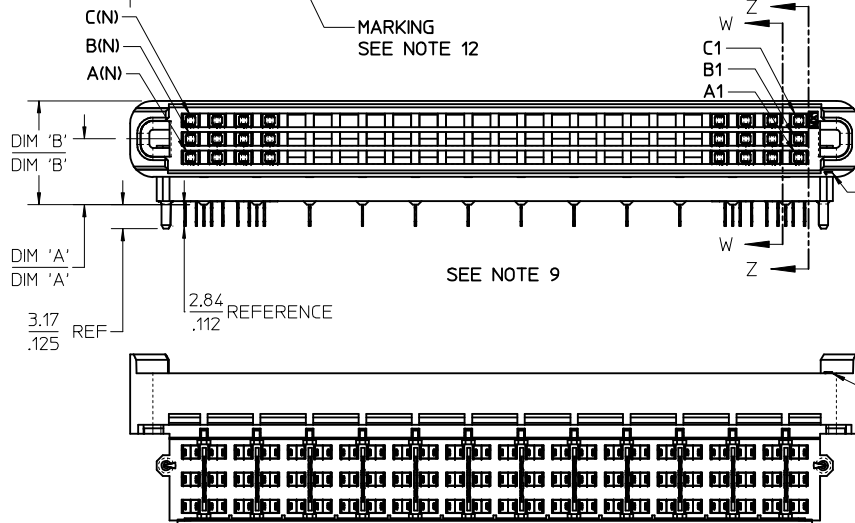
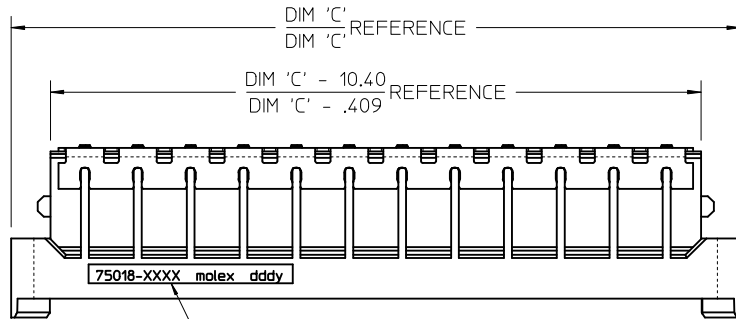


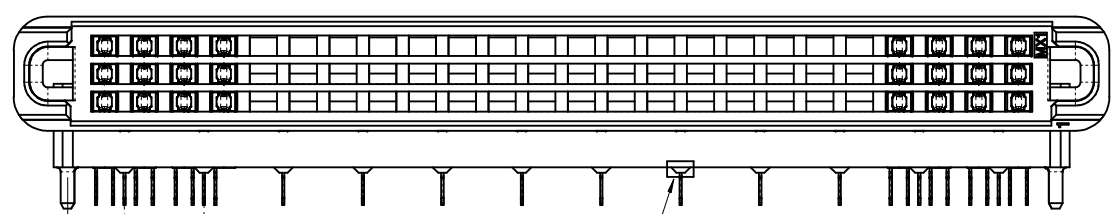
NOTES:

- 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



MOD PCB TAIL HOLE DIM EC NO: UCP2014-4737 DRWN: TIBARRA 2014/05/13 CHK: DMP/FF 2014/05/13 APPR: SMILLER 2014/05/12	DESCRIPTION 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>±---</td> <td>±---</td> </tr> <tr> <td>3 PLACES</td> <td>±---</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>±---</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±.005	2 PLACES	±0.13	±.01	1 PLACE	±0.25	±---	0 PLACE	±	±	DIMENSION STYLE MM/IN DRAWN BY: RWHIPPLE DATE: 2013/11/05 CHECKED BY: _____ DATE: _____	SCALE 2:1 TITLE PLATEAU HS DOCK FIXED CONNECTOR NO GROUND FINGER	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			mm	INCH																					
		4 PLACES	±---	±---																					
		3 PLACES	±---	±.005																					
2 PLACES	±0.13	±.01																							
1 PLACE	±0.25	±---																							
0 PLACE	±	±																							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			APPROVED BY: SMILLER DATE: 2013/11/19	molex DOCUMENT NO. SD-75018-5000	SHEET NO. 1 OF 3																				
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																									

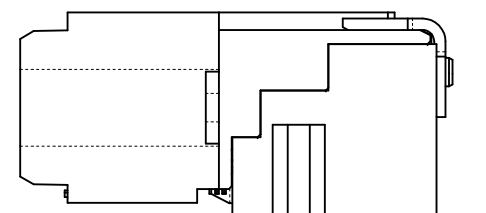
ITEM NUMBER	CIRCUIT SIZE	NO. OF COLUMNS 'N'	PLATING FINISH	CENTERLINE DIMENSION 'A' mm(in)	O/A HEIGHT DIMENSION 'B' mm(in)	O/A LENGTH DIMENSION 'C' mm(in)	PEG TO PEG DIMENSION 'D' mm(in)	FIRST-LAST DIMENSION 'E' mm(in)
75018-5021	144	24	FINISH 1	4.74 (.187)	9.78 (.385)	96.50 (3.799)	87.00 (3.425)	82.00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

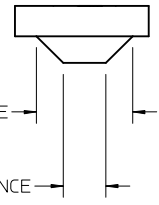
0.76 MICROMETERS/30 MICROINCHES MINIMUM SELECT GOLD
NICKEL UNDERPLATE OVERALL

COMPLIANT INTERFACE

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

HOUSING

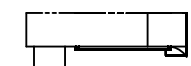
0.10 MICROMETERS/4 MICROINCHES MAXIMUM GOLD OVER
3.81 MICROMETERS/150 MICROINCHES MINIMUM NICKEL OVER
COPPER UNDERPLATE OVERALL



1.70
.067 REFERENCE TYPICAL

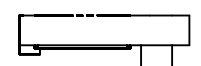
0.75
.030 REFERENCE TYPICAL

DETAIL A
SCALE 15:1



0.55
.022 REFERENCE TYPICAL

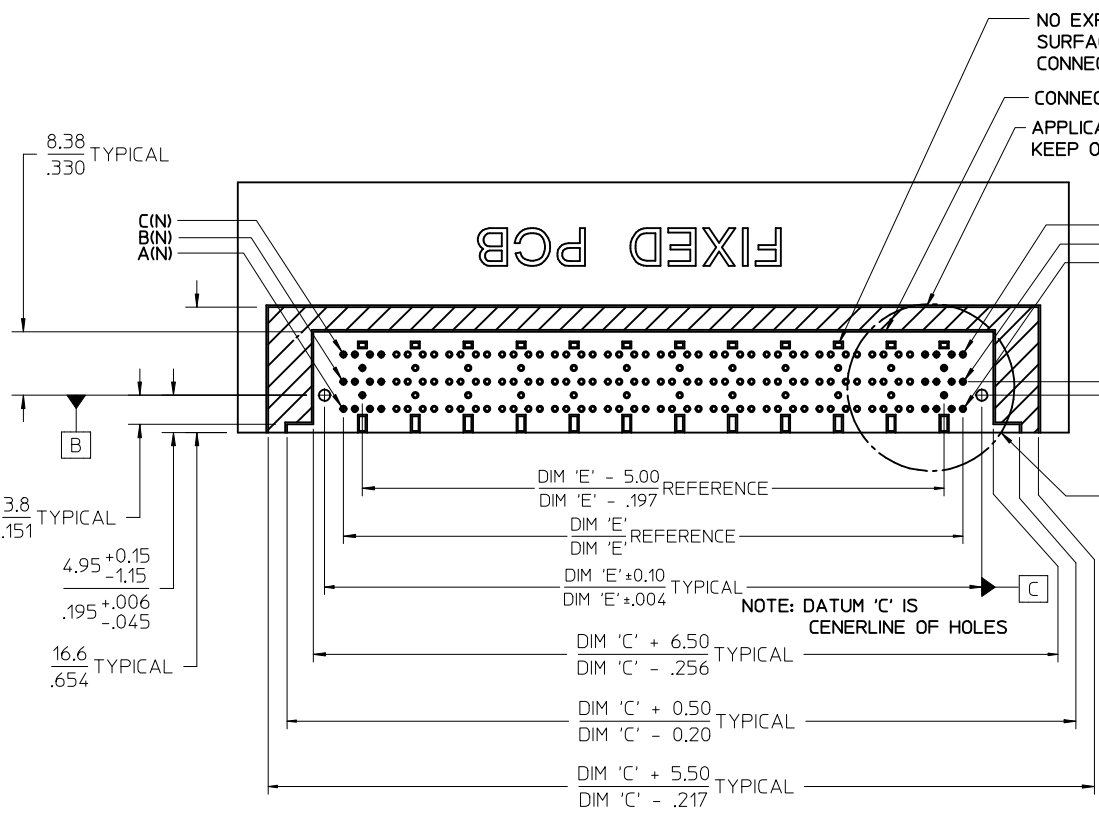
DETAIL B
SCALE 15:1



0.55
.022 REFERENCE TYPICAL

DETAIL C
SCALE 15:1

SEE SHEET 1 EC NO: UCP2014-4737 DRWNT:IBARRA 2014/05/13 CHKD:MPOFF 2014/05/13 APPR:SMILLER 2014/05/22	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM/IN	3:1	METRIC		
				DRAWN BY	DATE	PLATEAU HS DOCK FIXED CONNECTOR NO GROUND FINGER		
				RWHIPPLE	2013/11/05			
		CHECKED BY	DATE					
		SMILLER	2013/11/19					
		APPROVED BY		DATE	DOCUMENT NO. SD-75018-5000			
								SHEET NO. 2 OF 3
		ANGULAR ±1/2°		SEE TABLE				
		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	

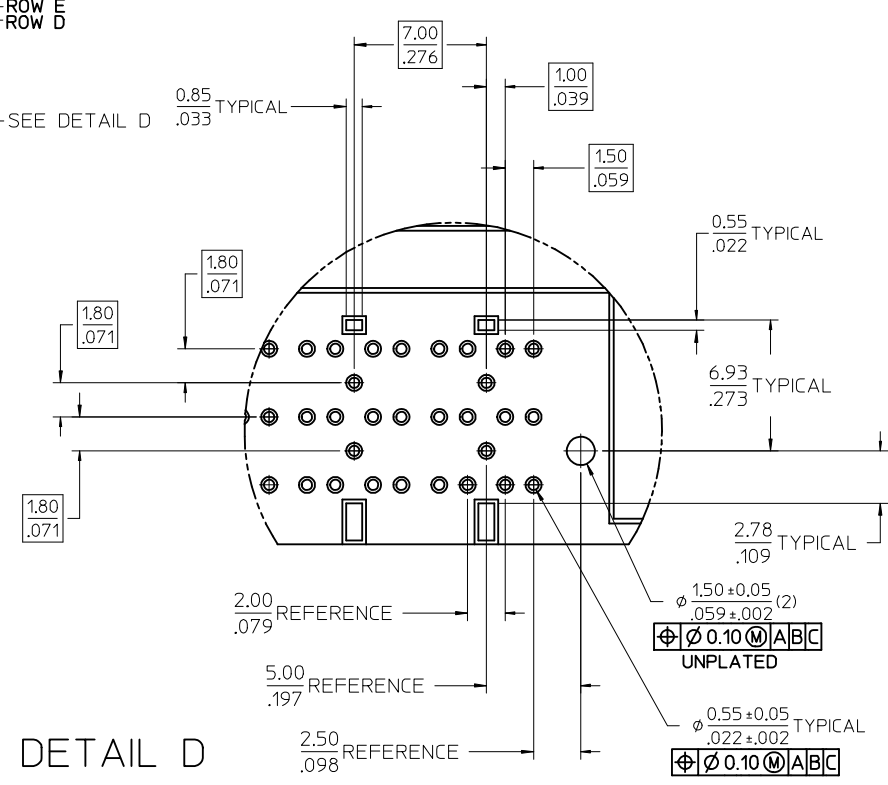


CIRCUIT DESIGNATION

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)

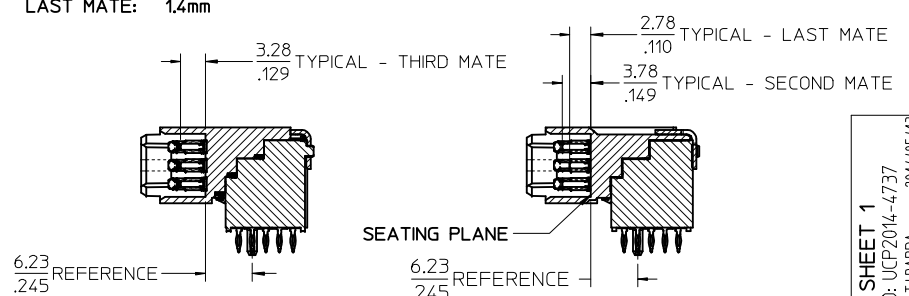
ALL COLUMNS FROM 3 THROUGH (N-2) ARE SUITABLE FOR DIFFERENTIAL PAIRS
 EG: A3-A4, B3-B4, C3-C4, A(N-2)-A(N-3), B(N-2)-B(N-3)

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: UCP2014-4737 DRWN: TIBARRA 2014/05/13 CHKD: MPOFF 2014/05/13 APPR: SMILLER 2014/05/17	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 RWHIPPLE	DATE 2013/11/05	TITLE PLATEAU HS DOCK FIXED CONNECTOR NO GROUND FINGER	
D	DESCRIPTION REV	2 PLACES ± 0.13 ± .01	1 PLACE ± 0.25 ± ---	APPROVED BY SMILLER	DATE 2013/11/19	DOCUMENT NO. SD-75018-5000	
		0 PLACE ± ±	ANGULAR ±1/2°	MATERIAL NO. SEE TABLE		SHEET NO. 3 OF 3	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		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

molex