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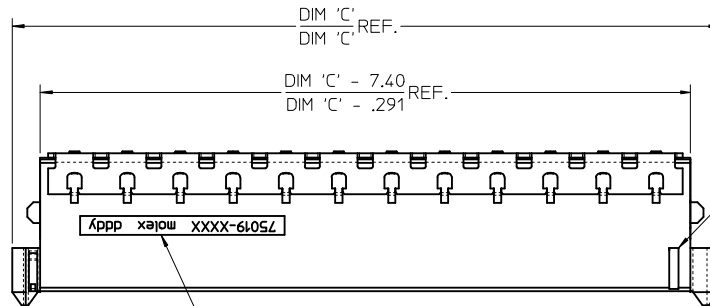
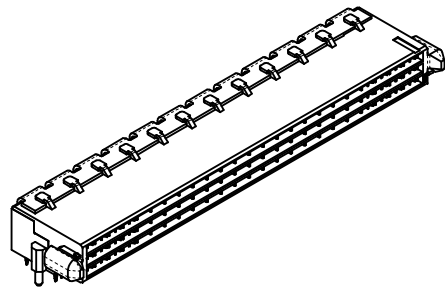
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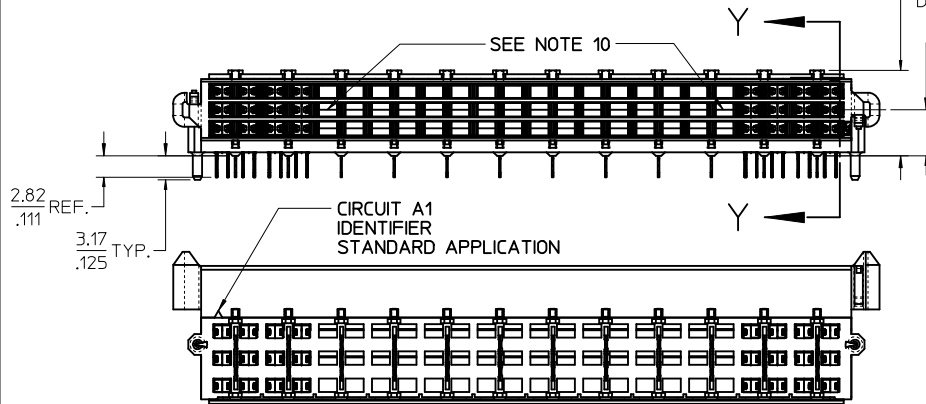
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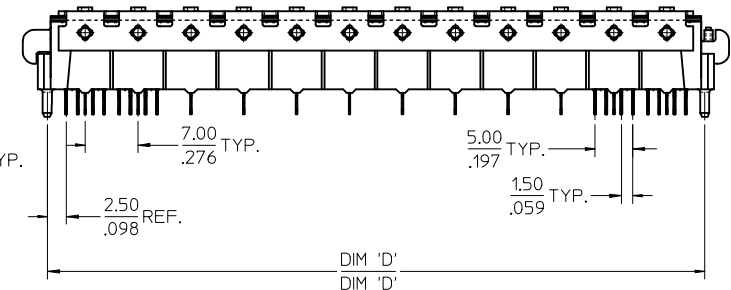
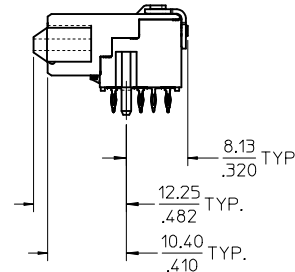


MARKING
SEE NOTE 13

CIRCUIT A1
IDENTIFIER
INVERTED APPLICATION



DIM 'B'
DIM 'B'
DIM 'A'
DIM 'A'



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 AS-75018-001.

APPLICATION TOOL AND INSTRUCTIONS PER AS-75018-001.

6) MATING INFORMATION

THIS PART MATES WITH 75018-XXXX & 75140-XXXX.

WILL MATE WITH MAXIMUM OF 1.27mm MIS-ALIGNMENT

WILL MATE WITH MAXIMUM 0.5° 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 & PS-45499-003, CLASS C.

13) MARKING: PART NUMBER, MOLEX LOGO, DATE CODE

14) RECOMMENDED DRILL SIZE 0.66±0.03 TO

YIELD FINISHED PLATED THROUGH HOLE 0.55±0.05

UPDATE TO NEW LOWER HSG	REV
EC NO: UCP2014-2233	H
DRWN:WHIPPLE	
CHKD:WPOFF	
APPR:SMILLER	
2013/11/21	
2013/11/21	
2013/11/27	

QUALITY SYMBOLS	DESCRIPTION
▽=0	
▽=0	
▽=0	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
4 PLACES ± ---	± ---
3 PLACES ± ---	± .005
2 PLACES ± 0.13	± .01
1 PLACE ± 0.25	± ---
0 PLACE ±	±
ANGULAR ±1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	DATE
MM/IN	02-NOV-25
DRAWN BY	LANG
CHECKED BY	DATE
LANG	02-NOV-26
APPROVED BY	DATE
BANAK I S	02-NOV-26
MATERIAL NO.	
SEE TABLE	
SIZE	
C	

SCALE	DESIGN UNITS		THIRD ANGLE
2:1	METRIC		PROJECTION
TITLE	PLATEAU HS DOCK FLOATING CONNECTOR		
molex			
DOCUMENT NO.		SHEET NO.	
SD-75019-010		1 OF 4	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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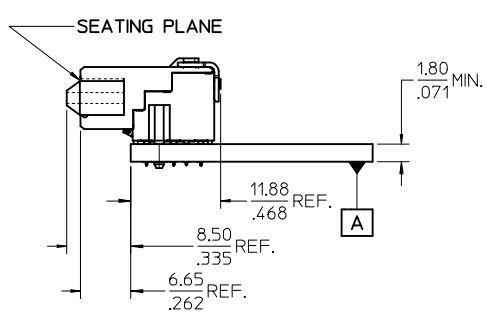
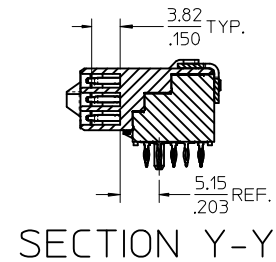
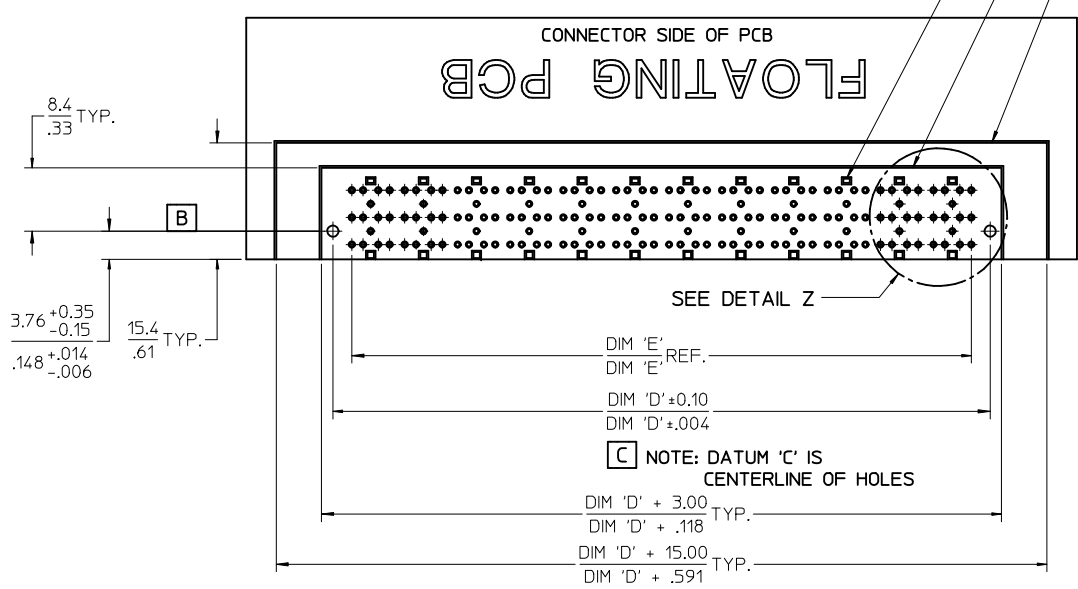
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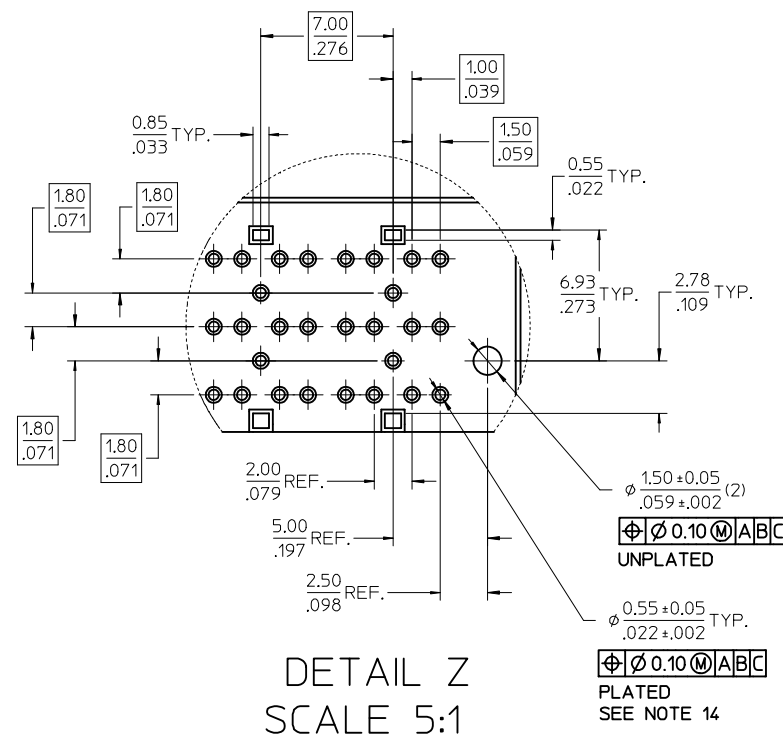
A



NO EXPOSED TRACES ON SURFACE OF PCB IN CONNECTOR STAND OFF LOCATIONS

CONNECTOR KEEP OUT AREA

APPLICATION TOOLING KEEP OUT AREA (NOTES 5 & 11)



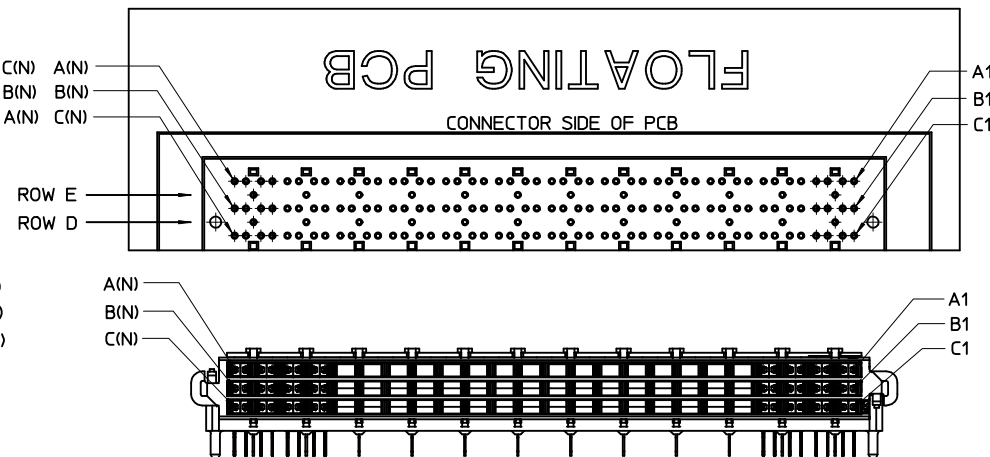
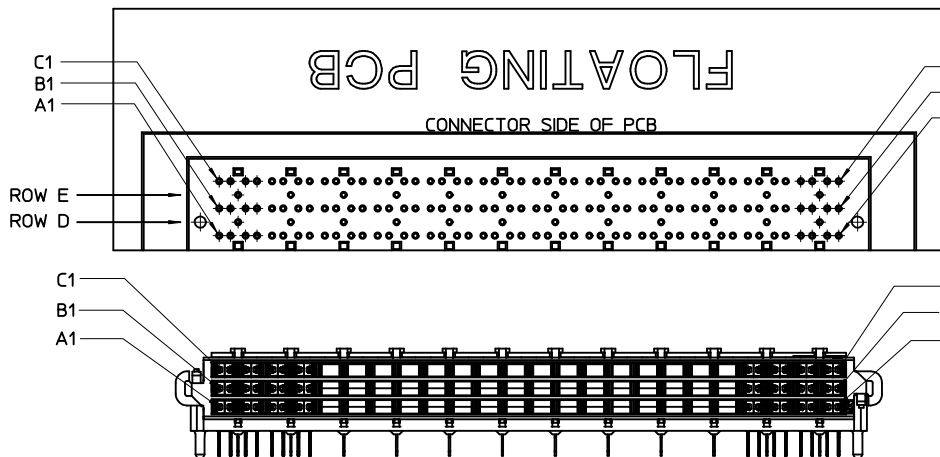
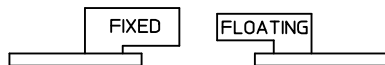
SEE SHEET 1 EC NO: UCP2014-2233 DRWN:RHIPPLE 2013/11/21 CHKD:POFF 2013/11/21 APPR:SMILLER 2013/11/27 H	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
					MM/IN		2:1	METRIC	
			4 PLACES 3 PLACES 2 PLACES 1 PLACE 0 PLACE	mm	INCH	DRAWN BY	DATE	TITLE PLATEAU HS DOCK FLOATING CONNECTOR <	

PLATEAU HS DOCK
FLOATING CONNECTOR

molex

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: UCP2014-2233 DRWN:RHIPPLE 2013/11/24 CHKD:MP0FF 2013/11/24 APPR:SMILLER 2013/11/27	DESCRIPTION	QUALITY SYMBOLS F =0 E =0 F =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY LANG	DATE 02-NOV-25	TITLE PLATEAU HS DOCK FLOATING CONNECTOR				
						CHECKED BY LANG	DATE 02-NOV-26					
						APPROVED BY BANAK I S	DATE 02-NOV-26					
				ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.				
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-75019-010				
						SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

PLATEAU HS DOCK
FLOATING CONNECTOR

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