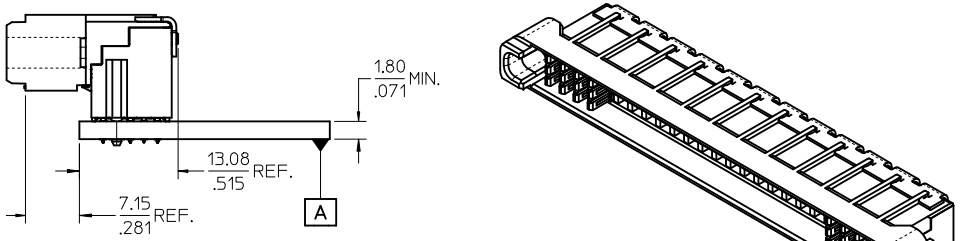
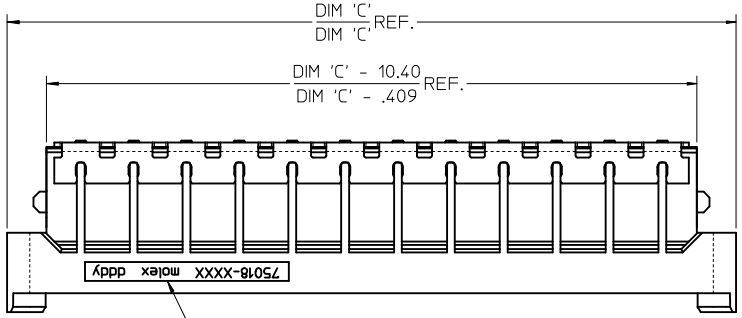
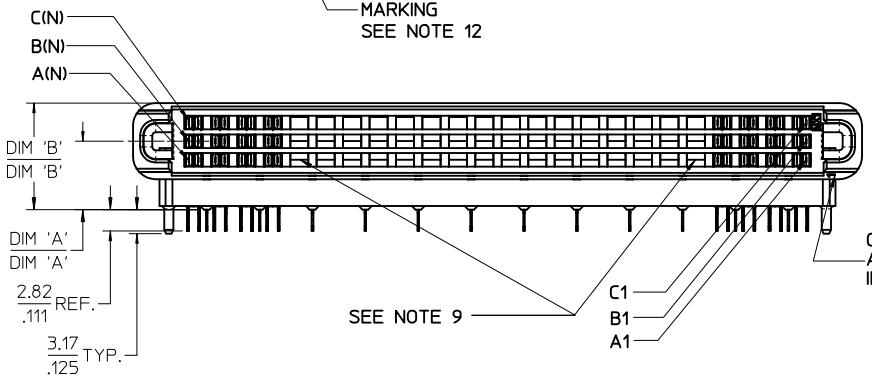
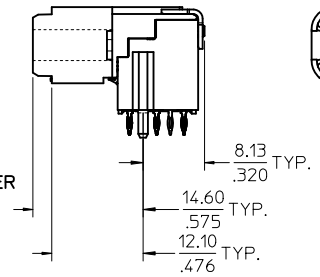
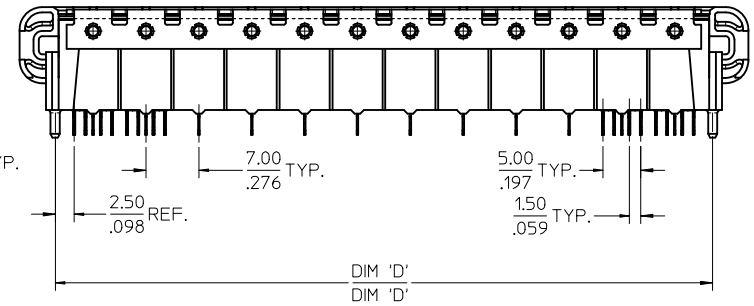


NOTES:
1) MATERIALS:
HOUSING - LIQUID CRYSTAL POLYMER, UL94 V-0
WAFER DIELECTRIC - LIQUID CRYSTAL POLYMER, UL94 V-0
CONTACT - COPPER ALLOY
2) FINISHES:
SEE SHEET 4
3) PRODUCT SPECIFICATION: THIS PART CONFORMS TO MOLEX SPECIFICATION PS-75018-001.
4) PACKAGING SPECIFICATION: THIS PART TO BE PACKAGED PER SPECIFICATION PK-75020-010.
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.
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









ADD LEAD FREE TABLE
EC NO: UCP2011-3289 2010/06/23
DRWN:SDANNELLEY 2010/06/23
CH'KD:SDANNELLEY 2011/06/07
APPR:SMILLER 2011/06/07
DESCRIPTION
REV
E

QUALITY SYMBOLS
F =0
F =0
F =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

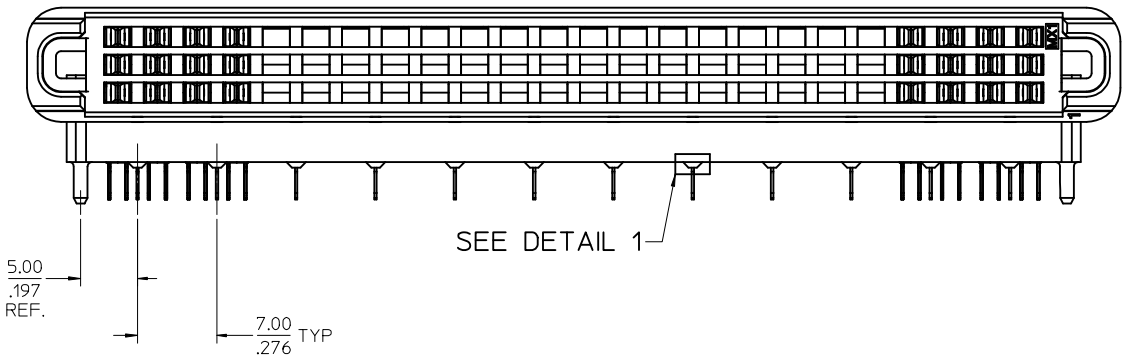
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .01
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

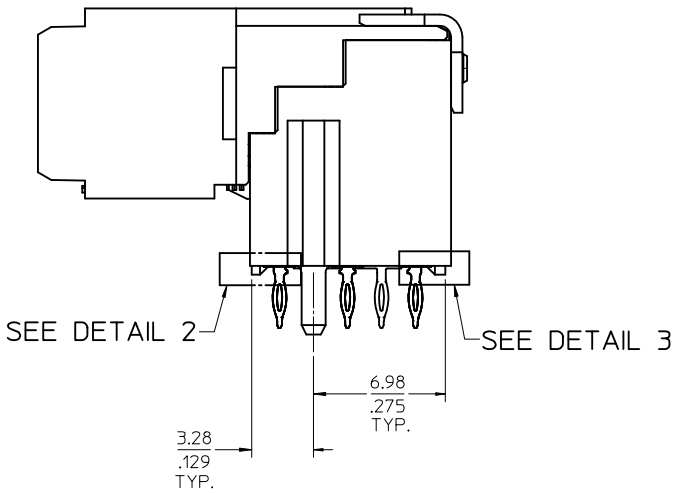
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

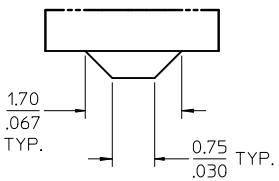
DIMENSION STYLE: MM/IN
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY	LANG	DATE 03-OCT-29
CHECKED BY	LANG	DATE 03-OCT-29
APPROVED BY	BANAKIS	DATE 03-OCT-29

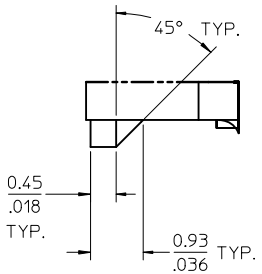
TITLE: PLATEAU HS DOCK FIXED CONNECTOR NO GROUND FINGER
MOLEX INCORPORATED
MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-75018-011
SHEET NO.: 1 OF 4
SIZE: C



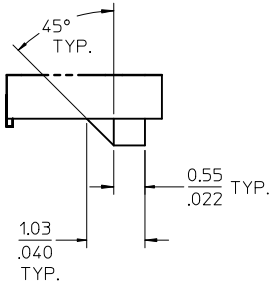




DETAIL 1
SCALE 15:1



DETAIL 2
SCALE 15:1



DETAIL 3
SCALE 15:1

SEE SHEET 4
EC NO: UCP2011-3289 2010/06/23
DRWN:SDANNELLEY
CH'KD:SDANNELLEY 2011/06/07
APPR:SMILLER
DESCRIPTION
REV

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .01
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 3:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	LANG	03-OCT-29
CHECKED BY	LANG	03-OCT-29
APPROVED BY	BANAKIS	03-OCT-29

MATERIAL NO.: SEE TABLE

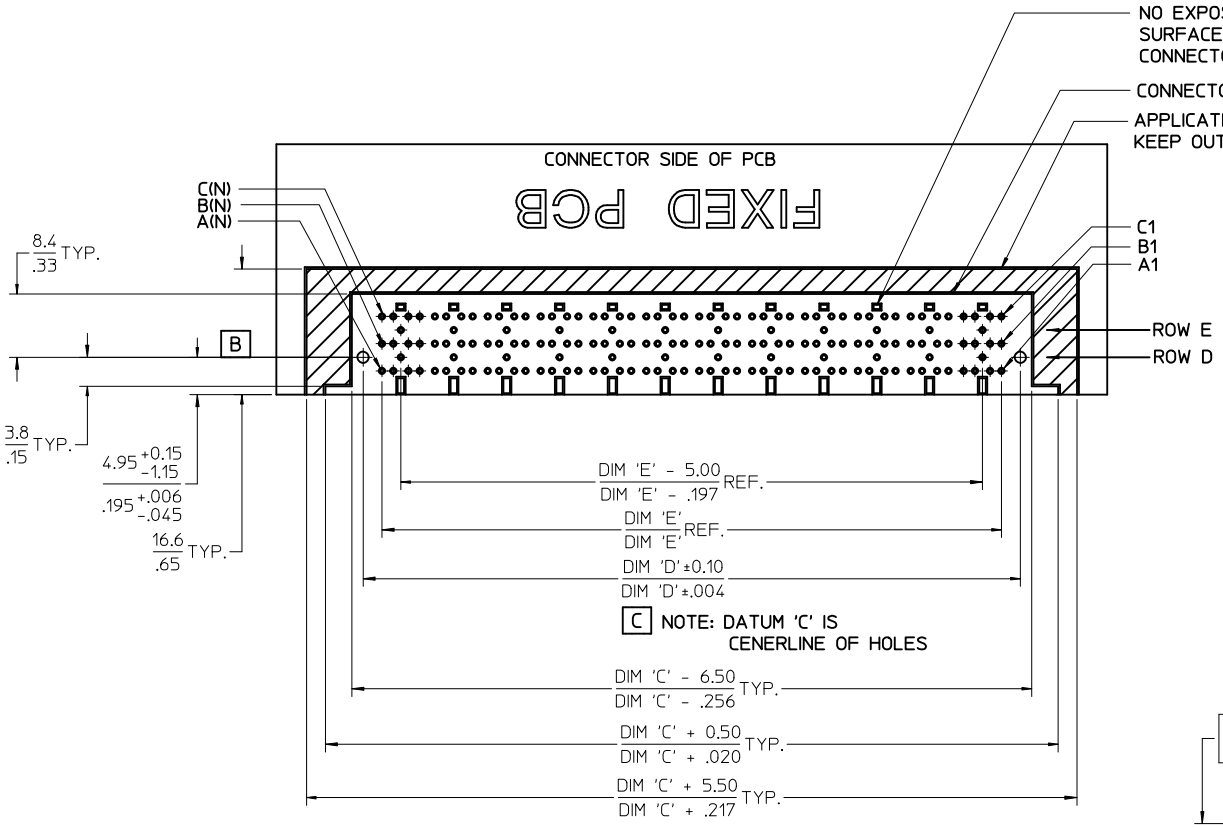
TITLE: PLATEAU HS DOCK FIXED CONNECTOR NO GROUND FINGER

MOLEX INCORPORATED

DOCUMENT NO.: SD-75018-011

SHEET NO.: 2 OF 4

SIZE: C

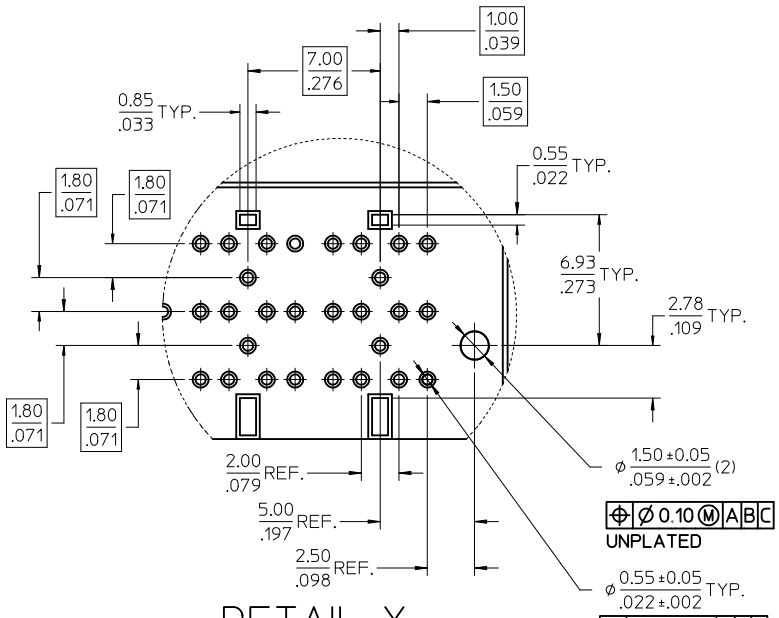


CIRCUIT DESIGNATION

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)

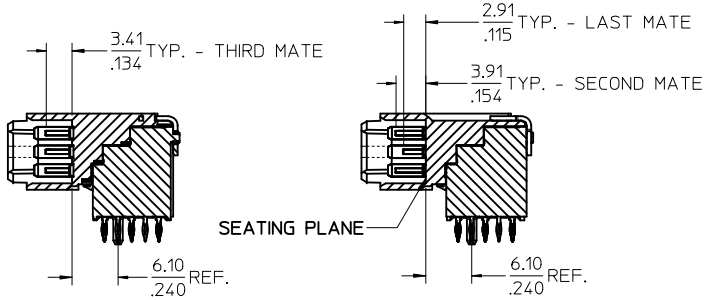
SIGNAL GROUND: ROWS D & E



DETAIL X
SCALE 5:1

NOMINAL WIPE - FULL SEATED

FIRST MATE: 5.2mm
SECOND MATE: 2.7mm
THIRD MATE: 2.2mm
LAST MATE: 1.7mm



SECTION Y-Y

SECTION Z-Z

SEE SHEET 4
EC NO: UCP2011-3289 2010/06/23
DRWN:SDANNELLEY 2011/06/07
CH'KD:SDANNELLEY
APPR:SMILLER
DESCRIPTION
REV

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .01
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM/IN
SCALE	2:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	LANG
DATE	03-OCT-29
CHECKED BY	LANG
DATE	03-OCT-29
APPROVED BY	BANAKIS
DATE	03-OCT-29
MATERIAL NO.	SEE TABLE
SIZE	C

TITLE
PLATEAU HS DOCK
FIXED CONNECTOR
NO GROUND FINGER

molex MOLEX INCORPORATED

DOCUMENT NO. SD-75018-011
SHEET NO. 3 OF 4

LEADED ASSEMBLIES - PLATING FINISH 1

ITEM NUMBER	CIRCUT 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 DIMENSION 'E' mm(in)
75018-0021	144	48	4.74 (.187)	9.78 (.385)	96.50 (3.799)	87.00 (3.425)	82.00 (3.228)
75018-0022	144	48	5.74 (.226)	10.78 (.424)	96.50 (3.799)	87.00 (3.425)	82.00 (3.228)
75018-0023	144	48	8.74 (.344)	13.78 (.543)	96.50 (3.799)	87.00 (3.425)	82.00 (3.228)
75018-0024	108	36	4.74 (.187)	9.78 (.385)	75.50 (2.972)	66.00 (2.598)	61.00 (2.402)
75018-0025	108	36	8.74 (.344)	13.78 (.543)	75.50 (2.972)	66.00 (2.598)	61.00 (2.402)
75018-0026	120	40	4.74 (.187)	9.78 (.385)	82.50 (3.248)	73.00 (2.874)	68.00 (2.677)
75018-0027	108	36	5.74 (.226)	10.78 (.424)	75.50 (2.972)	66.00 (2.598)	61.00 (2.402)
75018-0029	120	40	5.74 (.226)	10.78 (.424)	82.50 (3.248)	73.00 (2.874)	68.00 (2.677)

LEAD FREE ASSEMBLIES - PLATING FINISH 2

ITEM NUMBER	CIRCUT 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 DIMENSION 'E' mm(in)
75018-7025	108	36	8.74 (.344)	13.78 (.543)	75.50 (2.972)	66.00 (2.598)	61.00 (2.402)
75018-7216	120	40	4.74 (.187)	9.78 (.385)	82.50 (3.248)	73.00 (2.874)	68.00 (2.677)
75018-7221	144	48	4.74 (.187)	9.78 (.385)	96.50 (3.799)	87.00 (3.425)	82.00 (3.228)
75018-7022	144	48	5.74 (.226)	10.78 (.424)	96.50 (3.799)	87.00 (3.425)	82.00 (3.228)
75018-7023	144	48	8.74 (.344)	13.78 (.543)	96.50 (3.799)	87.00 (3.425)	82.00 (3.228)
75018-7224	108	36	4.74 (.187)	9.78 (.385)	75.50 (2.972)	66.00 (2.598)	61.00 (2.402)
75018-7225	108	36	8.74 (.344)	13.78 (.543)	75.50 (2.972)	66.00 (2.598)	61.00 (2.402)
75018-7227	108	36	5.74 (.226)	10.78 (.424)	75.50 (2.972)	66.00 (2.598)	61.00 (2.402)
75018-7229	120	40	5.74 (.226)	10.78 (.424)	82.50 (3.248)	73.00 (2.874)	68.00 (2.677)

1) FINISHES:
FINISH 1
CONTACT INTERFACE
0.76 MICROMETER MINIMUM SELECT GOLD
1.27 MICROMETER MINIMUM NICKEL OVERALL
COMPLIANT INTERFACE
0.76 MICROMETER MINIMUM SELECT TIN-LEAD OVER
1.27 MICROMETER MINIMUM NICKEL OVERALL
HOUSING
0.10 MICROMETER MAXIMUM IMMERSION GOLD OVER
3.81 MICROMETER MINIMUM NICKEL OVER
3.81 MICROMETER MINIMUM COPPER OVERALL

FINISH 2

CONTACT INTERFACE
0.76 MICROMETER MINIMUM SELECT GOLD
1.27 MICROMETER MINIMUM NICKEL OVERALL
COMPLIANT INTERFACE
0.76 MICROMETER MINIMUM SELECT MATTE TIN OVER
1.27 MICROMETER MINIMUM NICKEL OVERALL
HOUSING
0.10 MICROMETER MAXIMUM IMMERSION GOLD OVER
3.81 MICROMETER MINIMUM NICKEL OVER
3.81 MICROMETER MINIMUM COPPER OVERALL

NOTE: THIS ITEM NUMBER HAS ONLY SIGNAL PINS

ADD LEAD FREE TABLE
EC NO: UCP2011-3289
DRWN:SDANNELLEY 2010/06/23
CH'KD:SDANNELLEY
APPR:SMILLER 2011/06/07
DESCRIPTION
REV

QUALITY SYMBOLS
F =0
F =0
F =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .005
2 PLACES	± 0.13	± .01
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	LANG	03-OCT-29
CHECKED BY	LANG	03-OCT-29
APPROVED BY	BANAKIS	03-OCT-29

TITLE: PLATEAU HS DOCK FIXED CONNECTOR NO GROUND FINGER

molex MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-75018-011
SHEET NO.: 4 OF 4
SIZE: C