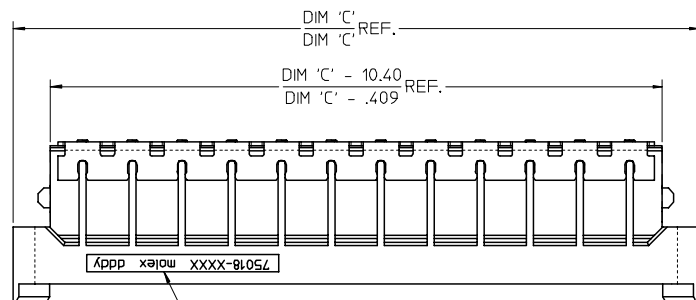
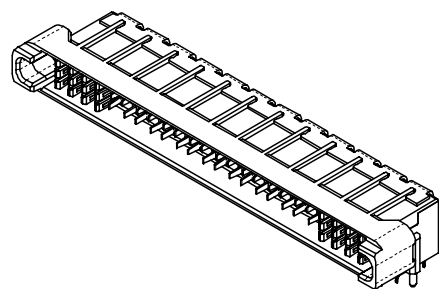
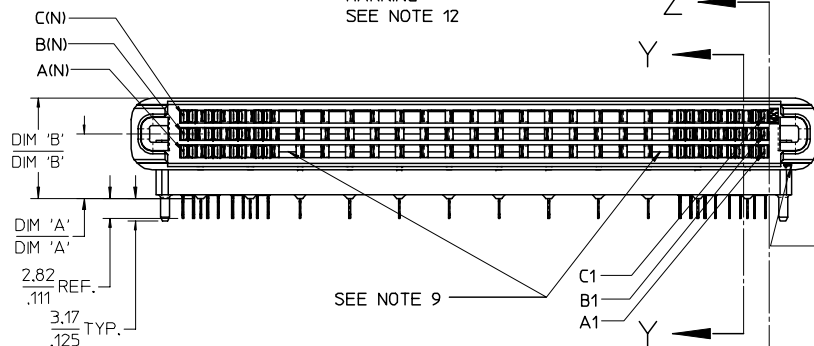


NOTES:

- 1) MATERIALS:
HOUSING - LIQUID CRYSTAL POLYMER, UL94 V-0
WAFER DIELECTRIC - LIQUID CRYSTAL POLYMER, UL94 V-0
CONTACT - TIN-BRASS
- 2) FINISHES:
CONTACT INTERFACE
0.76 MICRON MIN. SELECT GOLD
1.27 MICRON MIN. NICKEL OVERALL
COMPLIANT INTERFACE
0.76 MICRON MIN. SELECT TIN/LEAD OVER
1.27 MICRON MIN. NICKEL OVERALL
HOUSING
0.10 MICRON MAX. IMMERSION GOLD OVER
3.81 MICRON MIN. NICKEL OVER
3.81 MICRON MIN. COPPER OVERALL
- 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 AS-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-75005-001.
- 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



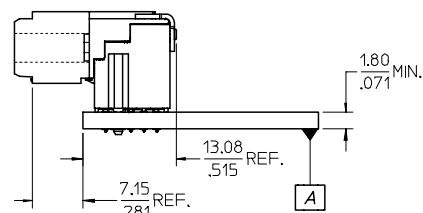
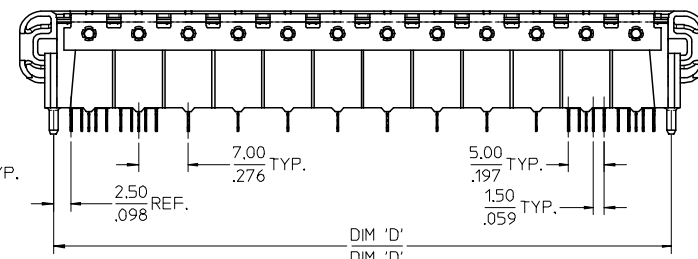
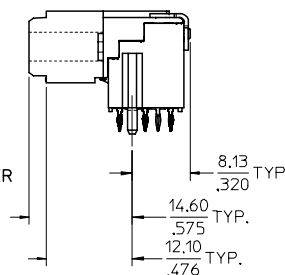
MARKING
SEE NOTE 12



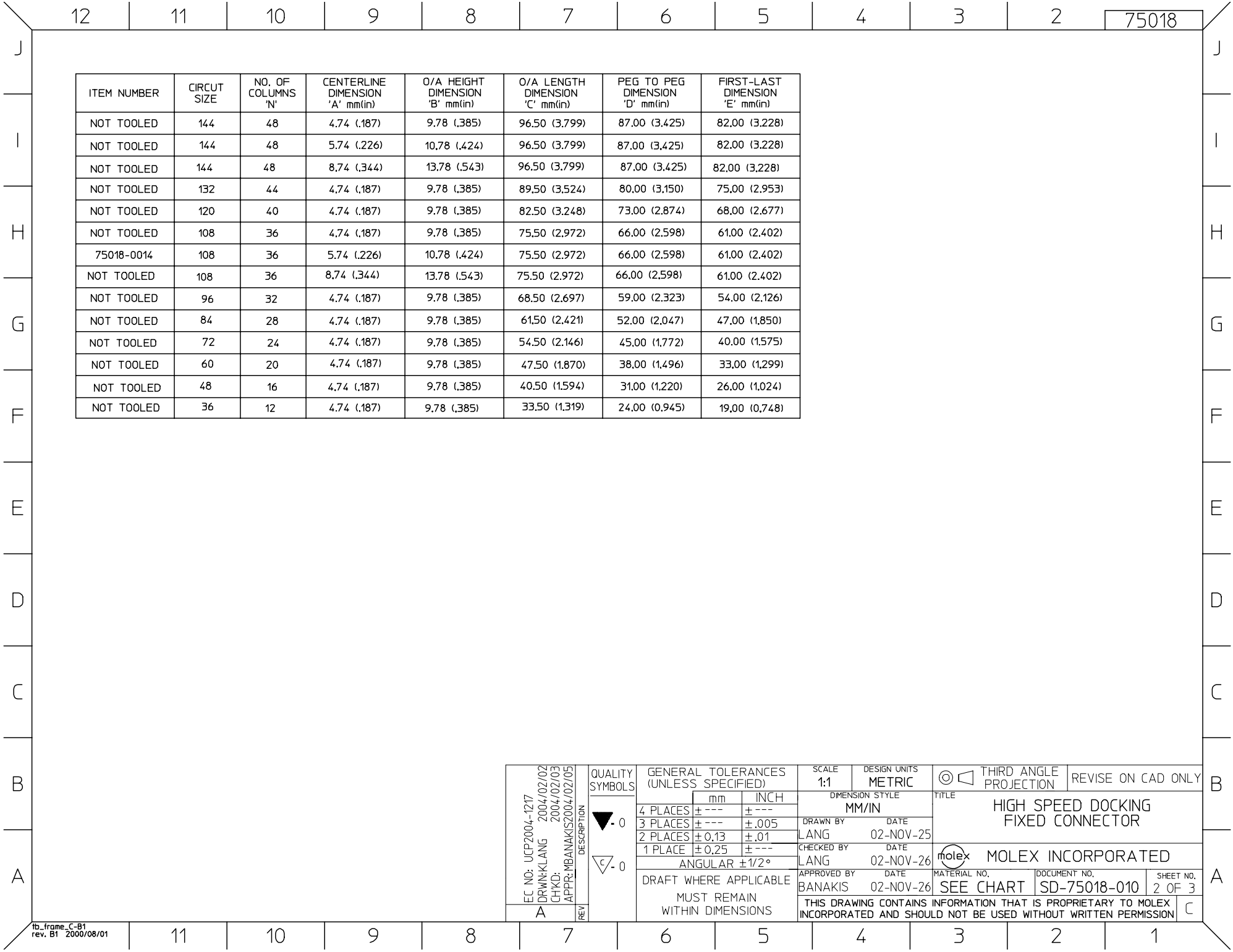
SEE NOTE 9

C1
B1
A1

CIRCUIT
A1
IDENTIFIER



EC NO: UCP2004-1217 DRWN: KLANG 2004/02/02 CHKD: 2004/02/03 APPR: MBANAKIS2004/02/05	QUALITY SYMBOLS 0 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	SCALE 2:1 DESIGN UNITS METRIC DIMENSION STYLE MM/IN DRAWN BY DATE LANG 02-NOV-25 CHECKED BY DATE LANG 02-NOV-26 APPROVED BY DATE BANAKIS 02-NOV-26	THIRD ANGLE PROJECTION REVISE ON CAD ONLY TITLE HIGH SPEED DOCKING FIXED CONNECTOR MOLEX INCORPORATED MATERIAL NO. DOCUMENT NO. SHEET NO. 1 OF 3



12 11 10 9 8 7 6 5 4 3 2 75018

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 DIMENSION 'E' mm(in)
NOT TOOLED	144	48	4.74 (.187)	9.78 (.385)	96.50 (3.799)	87.00 (3.425)	82.00 (3.228)
NOT TOOLED	144	48	5.74 (.226)	10.78 (.424)	96.50 (3.799)	87.00 (3.425)	82.00 (3.228)
NOT TOOLED	144	48	8.74 (.344)	13.78 (.543)	96.50 (3.799)	87.00 (3.425)	82.00 (3.228)
NOT TOOLED	132	44	4.74 (.187)	9.78 (.385)	89.50 (3.524)	80.00 (3.150)	75.00 (2.953)
NOT TOOLED	120	40	4.74 (.187)	9.78 (.385)	82.50 (3.248)	73.00 (2.874)	68.00 (2.677)
NOT TOOLED	108	36	4.74 (.187)	9.78 (.385)	75.50 (2.972)	66.00 (2.598)	61.00 (2.402)
75018-0014	108	36	5.74 (.226)	10.78 (.424)	75.50 (2.972)	66.00 (2.598)	61.00 (2.402)
NOT TOOLED	108	36	8.74 (.344)	13.78 (.543)	75.50 (2.972)	66.00 (2.598)	61.00 (2.402)
NOT TOOLED	96	32	4.74 (.187)	9.78 (.385)	68.50 (2.697)	59.00 (2.323)	54.00 (2.126)
NOT TOOLED	84	28	4.74 (.187)	9.78 (.385)	61.50 (2.421)	52.00 (2.047)	47.00 (1.850)
NOT TOOLED	72	24	4.74 (.187)	9.78 (.385)	54.50 (2.146)	45.00 (1.772)	40.00 (1.575)
NOT TOOLED	60	20	4.74 (.187)	9.78 (.385)	47.50 (1.870)	38.00 (1.496)	33.00 (1.299)
NOT TOOLED	48	16	4.74 (.187)	9.78 (.385)	40.50 (1.594)	31.00 (1.220)	26.00 (1.024)
NOT TOOLED	36	12	4.74 (.187)	9.78 (.385)	33.50 (1.319)	24.00 (0.945)	19.00 (0.748)

EC NO: UCP2004-1217
DRWN: KLANG 2004/02/02
CHKD: 2004/02/03
APPR: MBANAKIS/2004/02/05

QUALITY SYMBOLS
0
0

DESCRIPTION
REV
A

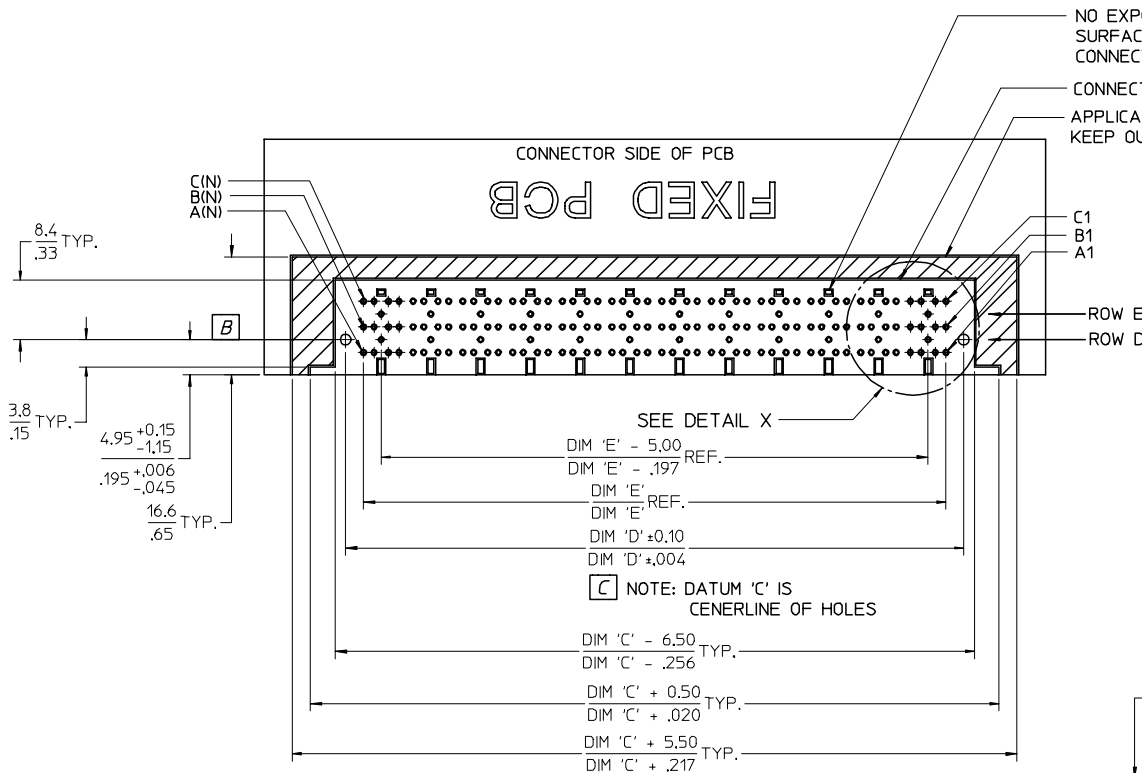
GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± .005
2 PLACES ± 0.13 ± .01
1 PLACE ± 0.25 ± ---
ANGULAR ± 1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

SCALE 1:1
DESIGN UNITS METRIC
DIMENSION STYLE MM/IN
DRAWN BY DATE
LANG 02-NOV-25
CHECKED BY DATE
LANG 02-NOV-26
APPROVED BY DATE
BANAKIS 02-NOV-26

THIRD ANGLE PROJECTION
REVISE ON CAD ONLY
TITLE
HIGH SPEED DOCKING
FIXED CONNECTOR
MOLEX INCORPORATED
MATERIAL NO.
SEE CHART
DOCUMENT NO.
SD-75018-010
SHEET NO.
2 OF 3

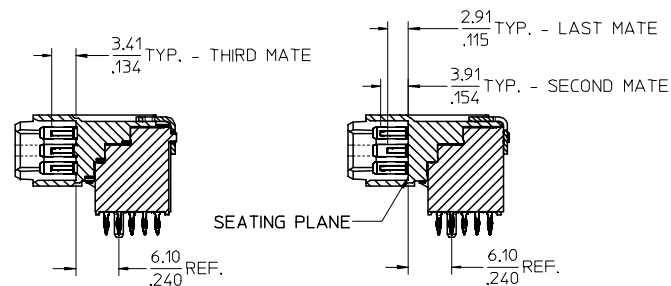
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INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

J
I
H
G
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E
D
C
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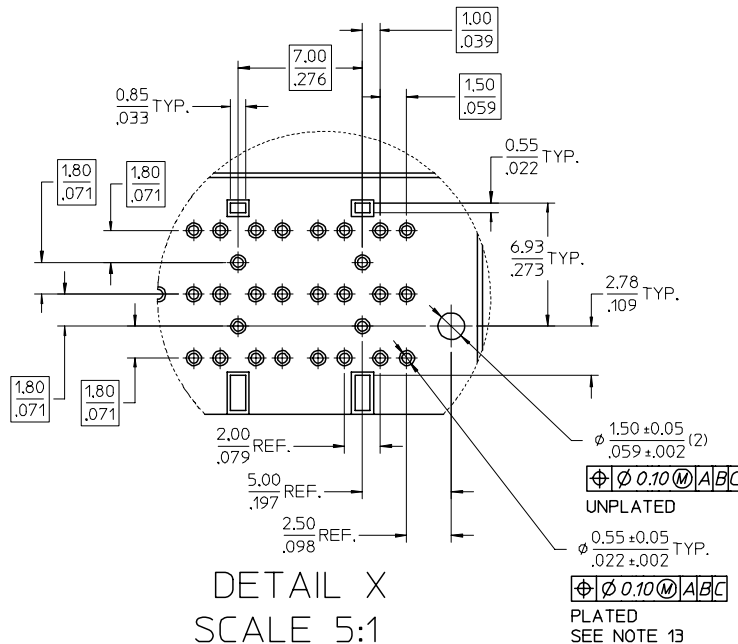


NOMINAL WIPE - FULL SEATED

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



SECTION Y-Y SECTION Z-Z



DETAIL X
SCALE 5:1

EC NO: UCP2004-1217		DRWN:KLANG 2004/02/02		CHKD: 2004/02/03		APPR:MBANAKIS2004/02/05		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 2:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION		REVISE ON CAD ONLY			
DESCRIPTION		▽ - 0		mm		INCH		DIMENSION STYLE		TITLE		HIGH SPEED DOCKING FIXED CONNECTOR		MM/IN		DRAWN BY DATE LANG 02-NOV-25		CHECKED BY DATE LANG 02-NOV-26		MOLEX MOLEX INCORPORATED	
				4 PLACES ± --- ± ---		MM/IN															
				3 PLACES ± --- ± .005		DRAWN BY DATE															
				2 PLACES ± 0.13 ± .01		LANG 02-NOV-25															
				1 PLACE ± 0.25 ± ---		CHECKED BY DATE															
REV		▽C - 0		ANGULAR ±1/2°		LANG 02-NOV-26		APPROVED BY DATE		MATERIAL NO.		DOCUMENT NO.		SHEET NO.							
				DRAFT WHERE APPLICABLE		BANAKIS 02-NOV-26		SEE SHEET 2		SD-75018-010		3 OF 3									
				MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															

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