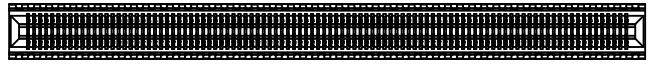
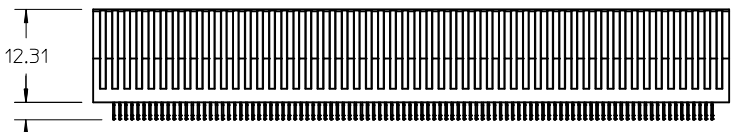


PART NUMBER	VERSION	BAY 1/BAY 2	TOTAL CIRCUITS	DIM A	SALES DRAWING (SEE NOTE 8)
170673-2278	2 BAY	146/132	278	118.63	SD-170673-2278
170673-1200	1 BAY	200	200	84.20	SD-170673-1200
170673-2108	2 BAY	86/22	108	50.63	SD-170673-2108
170673-2080	2 BAY	52/28	80	39.43	SD-170673-2080
170673-1046	1 BAY	46	46	22.60	SD-170673-1046

2 BAY EDGELINE

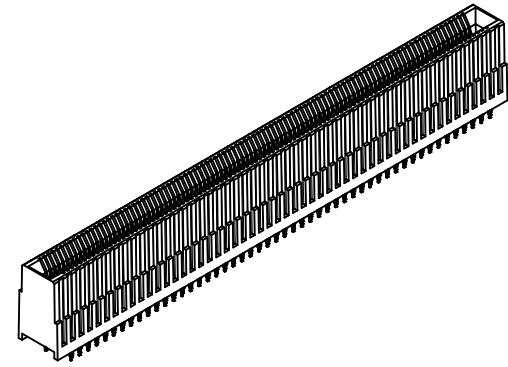
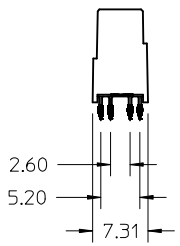


1 BAY EDGELINE



LAST CIRCUIT

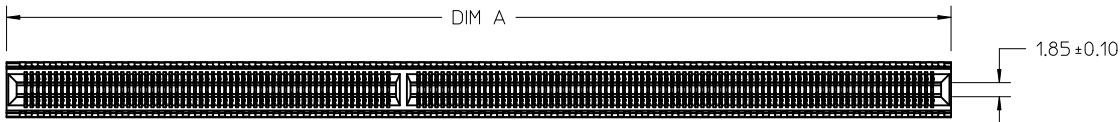
FIRST CIRCUIT



NOTES:

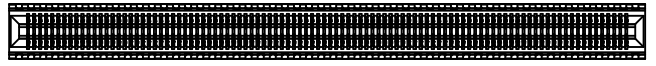
- MATERIAL:  
HOUSING - GLASS FILLED THERMOPLASTIC, 94-V0, BLACK  
TERMINALS - COPPER ALLOY
- FINISH:  
CONTACT AREA: HARD GOLD -0.76μm MIN OVER 3.80μ NICKEL  
COMPLIANT AREA: TIN - 0.76/1.52μm OVER NICKEL
- REFER TO PS-75594-999 PRODUCT SPECIFICATION FOR ALL ELECTRICAL, MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS.
- PROCESSING: PRESSFIT TO PC BOARD.
- MATING PC BOARD THICKNESS = 1.60±0.16MM OVER CONTACT PADS.
- PRODUCT IS ELV AND RoHS COMPLIANT. LEVEL OF COMPLIANCE: 6/6  
ALL BANNED SUBSTANCES ARE REMOVED:  
Pb (LEAD)  
HEXAVALENT CHROMIUM (CrVI)  
CADMIUM  
MERCURY  
POLYBROMINATED BIPHENYL (PBB)  
POLYBROMINATED DIPHENYL ETHER (PBDE)
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002
- FOR EDGE CARD AND MOUNTING PCB LAYOUT DETAIL SEE CORRESPONDING SALES DRAWING.

RELEASED REV A EC NO: UCP2011-2702 DRW: DROSCA 2011/03/07 CHKD: JCOMERCI 2011/03/28 APPR: JCOMERCI 2011/03/28	DESCRIPTION REV 0 0 0	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>2:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION																											
			<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>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± ---	± ---	1 PLACE	± ---	± ---	<table border="1"> <thead> <tr> <th>DRAWN BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DROSCA</td> <td>2010/06/22</td> </tr> <tr> <th>CHECKED BY</th> <th>DATE</th> </tr> <tr> <td>JCOMERCI</td> <td>2010/06/22</td> </tr> <tr> <th>APPROVED BY</th> <th>DATE</th> </tr> <tr> <td>JCOMERCI</td> <td>2010/10/25</td> </tr> </tbody> </table>	DRAWN BY	DATE	DROSCA	2010/06/22	CHECKED BY	DATE	JCOMERCI	2010/06/22	APPROVED BY	DATE	JCOMERCI	2010/10/25	<b>EDGELINE 12.5GB</b> <b>0.062*PCB 0.8MM PITCH</b>		
			mm	INCH																														
4 PLACES	± ---	± ---																																
3 PLACES	± ---	± ---																																
2 PLACES	± ---	± ---																																
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		ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. <b>SEE TABLE</b>	DOCUMENT NO. <b>SD-170673-0001</b>	SHEET NO. <b>1 OF 1</b>																													

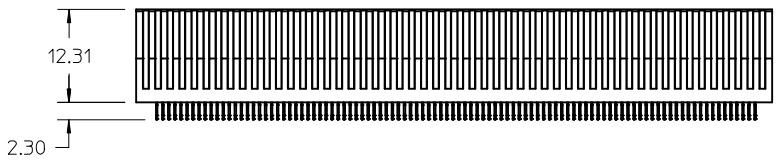


PART NUMBER	VERSION	BAY 1/BAY 2	TOTAL CIRCUITS	DIM A	SALES DRAWING (SEE NOTE 8)
170673-2278	2 BAY	146/132	278	118.63	SD-170673-2278
170673-1200	1 BAY	200	200	84.20	SD-170673-1200
170673-2108	2 BAY	86/22	108	50.63	SD-170673-2108
170673-2080	2 BAY	52/28	80	39.43	SD-170673-2080
170673-1046	1 BAY	46	46	22.60	SD-170673-1046

2 BAY EDGELINE

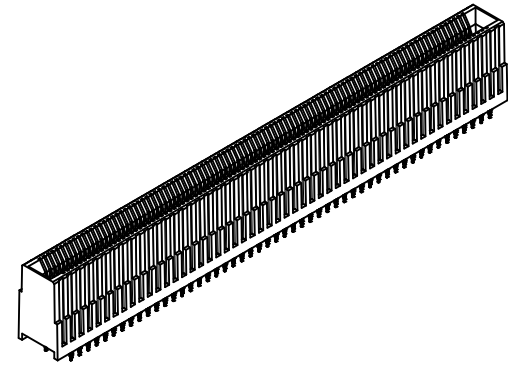
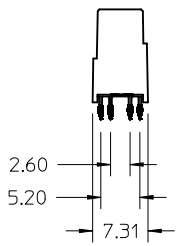


1 BAY EDGELINE



LAST CIRCUIT

FIRST CIRCUIT

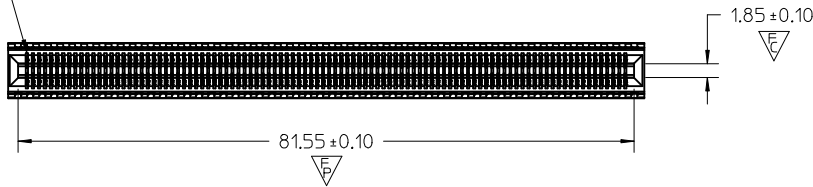


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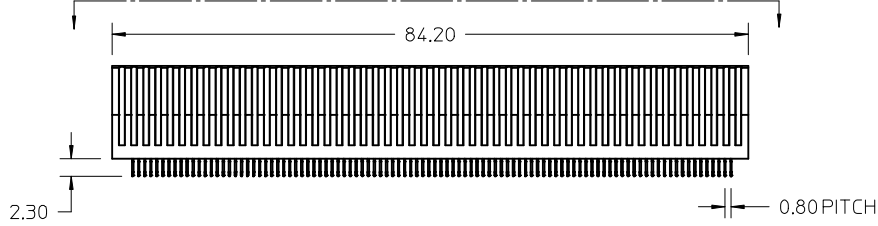
- MATERIAL:  
HOUSING - GLASS FILLED THERMOPLASTIC, 94-V0, BLACK  
TERMINALS - COPPER ALLOY
- FINISH:  
CONTACT AREA: HARD GOLD -0.76μm MIN OVER 3.80μ NICKEL  
COMPLIANT AREA: TIN - 0.76/1.52μm OVER NICKEL
- REFER TO PS-75594-999 PRODUCT SPECIFICATION FOR ALL ELECTRICAL, MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS.
- PROCESSING: PRESSFIT TO PC BOARD.
- MATING PC BOARD THICKNESS = 1.60±0.16MM OVER CONTACT PADS.
- PRODUCT IS ELV AND RoHS COMPLIANT. LEVEL OF COMPLIANCE: 6/6  
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POLYBROMINATED BIPHENYL (PBB)  
POLYBROMINATED DIPHENYL ETHER (PBDE)
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002
- FOR EDGE CARD AND MOUNTING PCB LAYOUT DETAIL SEE CORRESPONDING SALES DRAWING.

RELEASED REV A EC NO: UCP2011-2702 DRW: DROSCA 2011/03/07 CHKD: JCOMERCI 2011/03/28 APPR: JCOMERCI 2011/03/28	DESCRIPTION REV 0 0 0	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>2:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION																											
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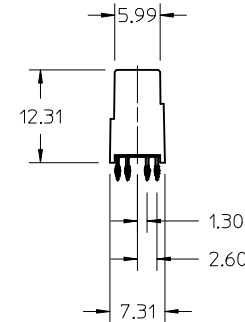
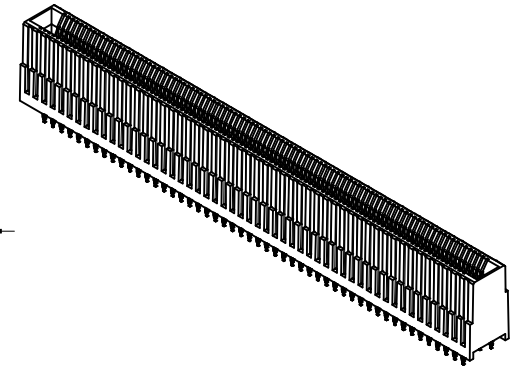
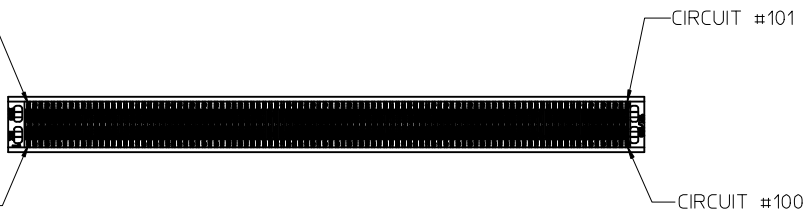
CIRCUIT #1



PIN-OUT VIEW



CIRCUIT #200

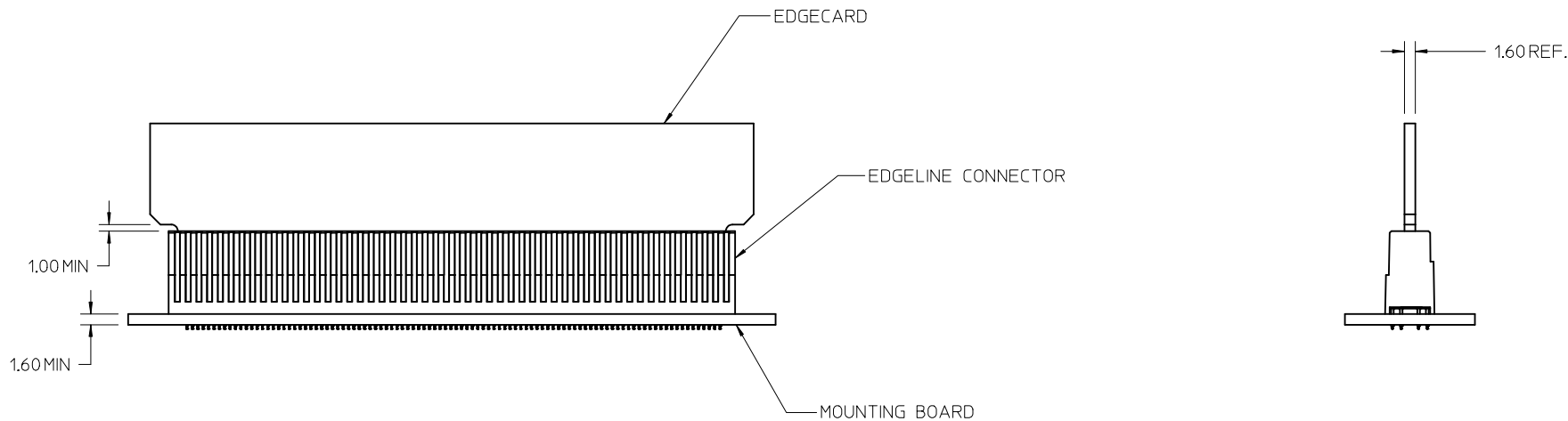


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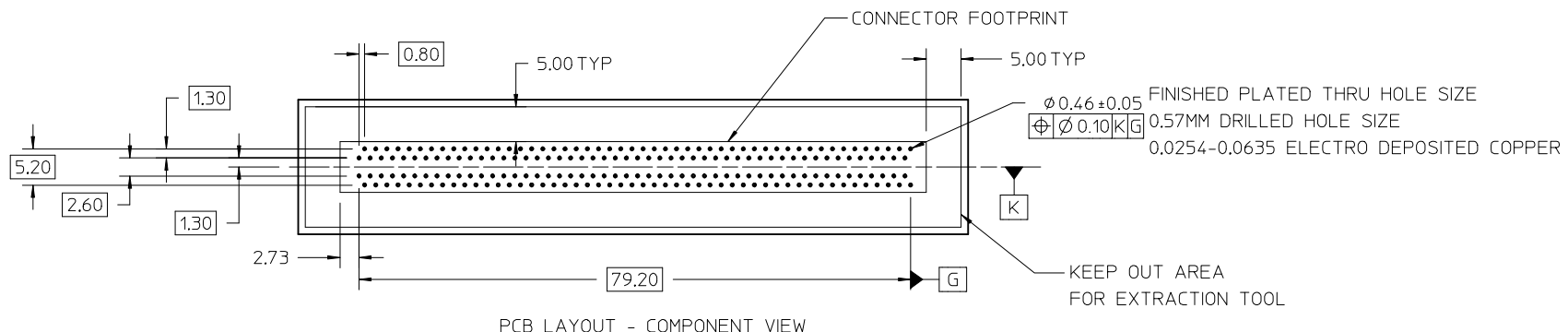
1. MATERIAL:  
HOUSING - GLASS FILLED THERMOPLASTIC, 94-V0, BLACK  
TERMINALS - COPPER ALLOY
2. FINISH:  
CONTACT AREA: HARD GOLD -0.76µm MIN OVER 3.80µ NICKEL  
COMPLIANT AREA: TIN - 0.76/1.52µm OVER NICKEL
3. REFER TO PS-75594-999 PRODUCT SPECIFICATION FOR ALL ELECTRICAL, MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS.
4. REFER TO PK-76693-900 FOR ALL PACKAGING SPECIFICATIONS.
5. PROCESSING: PRESSFIT TO PC BOARD.
6. MATING PC BOARD THICKNESS = 1.60±0.16MM OVER CONTACT PADS.
7. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002

CORRECT EDGE CARD WIDTH TOLERANCE IEC NO: UCP2016-4620 DRWINGS: 2016/06/02 CHKD: APPR:DMC/GOMAN 2016/06/13	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	2:1	METRIC	☐
	▽=1	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
	▽=1	3 PLACES ± --- ± ---	GES 2014/09/26	EDGE LINE 12.5GB 200CKTS 0.062"PCB 0.8MM PITCH		
	2 PLACES ± 0.13 ± ---	CHECKED BY DATE	APPROVED BY DATE			MATERIAL NO. 1706731200 DOCUMENT NO. SD-170673-1200 SHEET NO. 1 OF 4
	1 PLACE ± 0.25 ± ---	MATERIAL NO. 1706731200				
	0 PLACE ± --- ± ---	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	

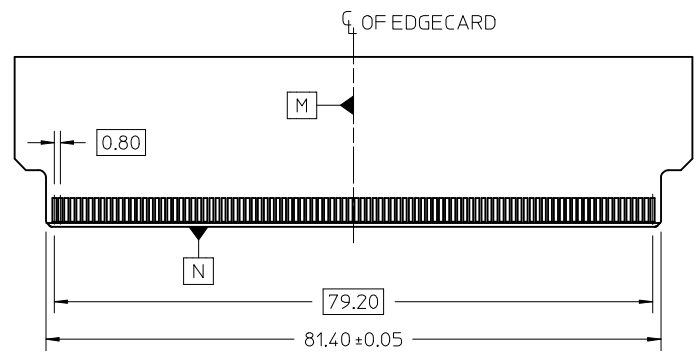
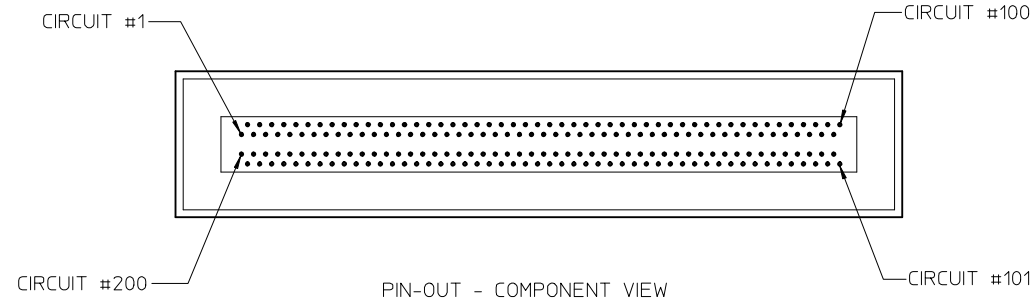
# EDGE LINE CONNECTOR BOARD MOUNTING



SEE SHEET 1 EC NO: UCP2016-4620 2016/06/02 DRWNGES CHKD: APPR:DMCGOWAN 2016/06/13 DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>2:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION
	▽=0 ▽=0 ▽=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± --- ± ---	DRAWN BY DATE GES 2014/09/26 CHECKED BY DATE APPROVED BY DATE	TITLE <b>EDGE LINE 12.5GB 200CKTS 0.062*PCB 0.8MM PITCH</b>		
	ANGULAR ± 2 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	DOCUMENT NO.	<b>molex</b> SD-170673-1200		
	SIZE C	SEE SHEET 1	SD-170673-1200	SHEET NO. 2 OF 4		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

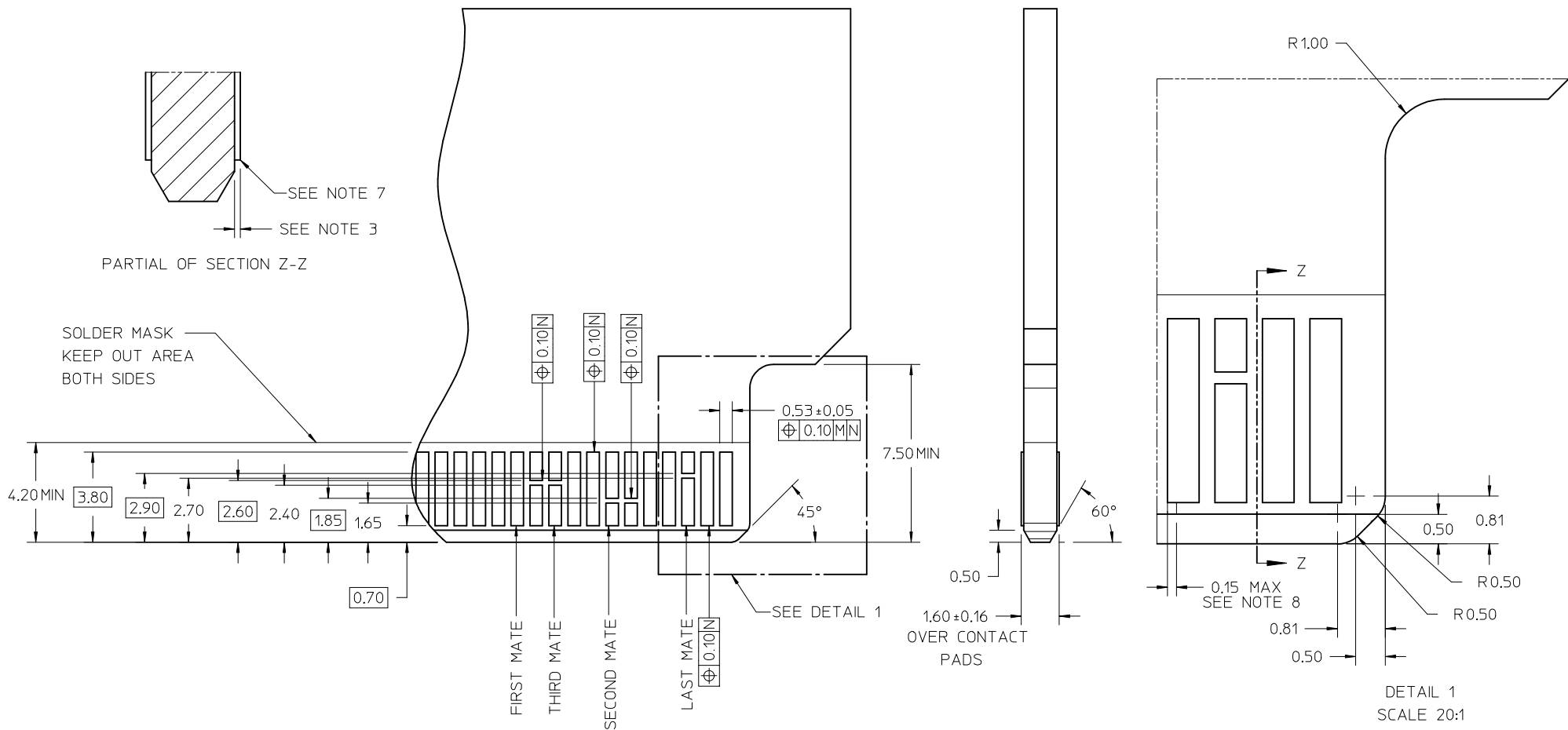


PCB LAYOUT - COMPONENT VIEW



SEE SHEET 1 EC NO: UCP2016-4620 DRWNGES 2016/06/02 CHKD: APPR:DMCGOWAN 2016/06/13 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$	mm INCH	MM ONLY	2:1	METRIC	
	$\nabla=0$	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE EDGELINE 12.5GB 200CKTS 0.062*PCB 0.8MM PITCH		
	$\nabla=0$	3 PLACES ± --- ± ---	GES 2014/09/26			
	2 PLACES ± 0.13 ± ---	CHECKED BY DATE	APPROVED BY DATE	MATERIAL NO. SEE SHEET 1	DOCUMENT NO. SD-170673-1200	SHEET NO. 3 OF 4
	1 PLACE ± 0.25 ± ---					
	0 PLACE ± --- ± ---	ANGULAR ± 2 °				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

# MODULE EDGE CARD CONTACT DETAIL

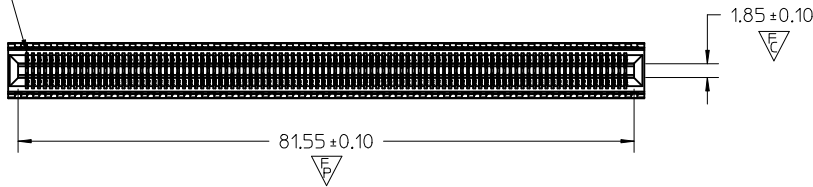


## MATING PCB NOTES:

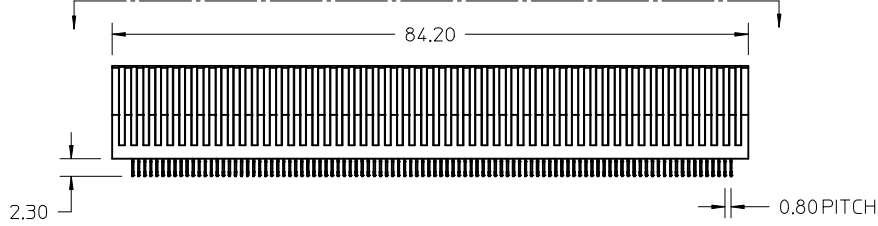
- CONNECTOR LAND CONDITIONS SHALL MEET THE MOST CURRENT REVISION OF PCB SPECIFICATION IPC-6012C-2010 SECTION 3.5.4.4.
- DIMENSIONS APPLY TO LANDS ON BOTH SIDES OF THE BOARD.
- THE THICKNESS OF THE OUTER METAL LAYERS, INCLUDING FOIL, COPPER PLATING, AND THE PROTECTIVE SURFACE FINISH, SHALL BE 0.066mm MAX.
- CHAMFER ROUGHNESS NOT TO EXCEED 3.17 MICROMETERS.
- CHAMFER PROCESS SHALL NOT DAMAGE THE GOLD EDGE LANDS.
- EDGE CARD CHAMFER NOT TO GO THRU GOLD LANDS.
- 0.03mm MAX PLATING OVERHANG ON ALL GOLD LAND EDGES.
- MOLEX RECOMMENDS NO TIE-BARS ON THE LEADING EDGE OF THE GOLD LAND. IF TIE-BARS ARE USED, THEY SHALL BE PLACED TO ONE SIDE OF THE GOLD LAND. APPLIES TO ALL GOLD LANDS.

SEE SHEET 1 EC NO: UCP2016-4620 DRWNGES 2016/06/02 CHKD: APPR:DMCGOWAN 2016/06/13 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>8:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION																	
	∇=0 ∇=0 ∇=0	<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>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± ---</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	± ---	± ---	2 PLACES	± 0.13	± ---	1 PLACE	± 0.25	± ---	0 PLACE	± ---	± ---	DRAWN BY GES DATE 2014/09/26 CHECKED BY DATE APPROVED BY DATE	TITLE <b>EDGELINE 12.5GB 200CKTS 0.062*PCB 0.8MM PITCH</b>	<b>molex</b> DOCUMENT NO. <b>SD-170673-1200</b>
	mm	INCH																					
4 PLACES	± ---	± ---																					
3 PLACES	± ---	± ---																					
2 PLACES	± 0.13	± ---																					
1 PLACE	± 0.25	± ---																					
0 PLACE	± ---	± ---																					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. <b>SEE SHEET 1</b> SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					

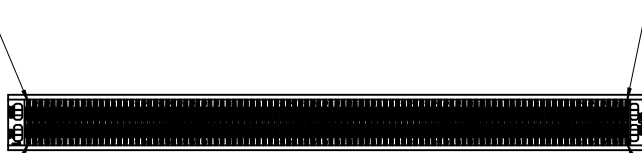
CIRCUIT #1



PIN-OUT VIEW



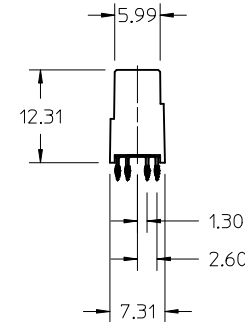
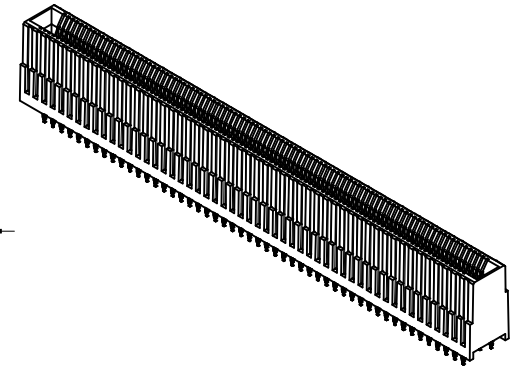
CIRCUIT #200



CIRCUIT #1

CIRCUIT #101

CIRCUIT #100



NOTES:

1. MATERIAL:  
HOUSING - GLASS FILLED THERMOPLASTIC, 94-V0, BLACK  
TERMINALS - COPPER ALLOY
2. FINISH:  
CONTACT AREA: HARD GOLD -0.76µm MIN OVER 3.80µ NICKEL  
COMPLIANT AREA: TIN - 0.76/1.52µm OVER NICKEL
3. REFER TO PS-75594-999 PRODUCT SPECIFICATION FOR ALL ELECTRICAL, MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS.
4. REFER TO PK-76693-900 FOR ALL PACKAGING SPECIFICATIONS.
5. PROCESSING: PRESSFIT TO PC BOARD.
6. MATING PC BOARD THICKNESS = 1.60±0.16MM OVER CONTACT PADS.
7. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002

CORRECT EDGE CARD WIDTH TOLERANCE IEC NO: UCP2016-4620 DRWINGS 2016/06/02 CHKD: APPR:DMC/GOMAN 2016/06/13 REV:	QUALITY SYMBOLS	▽=0
		▽=1
		▽=1
		▽=1

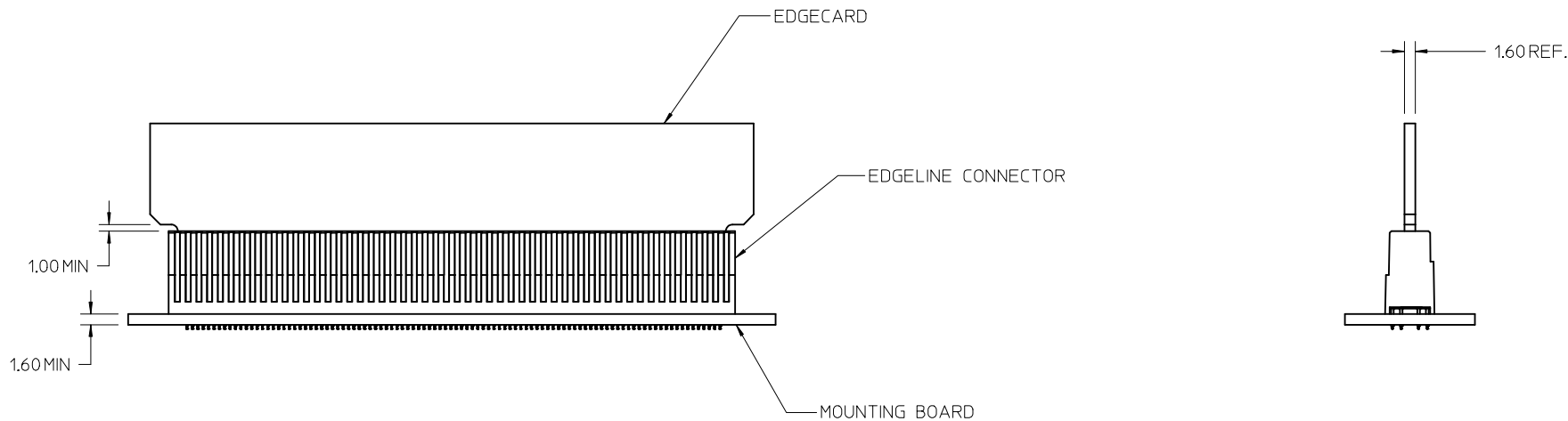
GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm INCH
4 PLACES	± 0.13 ± 0.005
3 PLACES	± 0.25 ± 0.010
2 PLACES	± 0.50 ± 0.020
1 PLACE	± 1.00 ± 0.040
0 PLACE	± 1.50 ± 0.060
ANGULAR ± 2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE <b>MM ONLY</b>	
DRAWN BY	DATE
GES	2014/09/26
CHECKED BY	DATE
APPROVED BY	DATE
MATERIAL NO.	1706731200
SIZE	C

SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
TITLE EDGE LINE 12.5GB 200CKTS 0.062"PCB 0.8MM PITCH		
DOCUMENT NO. SD-170673-1200		SHEET NO. 1 OF 4
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

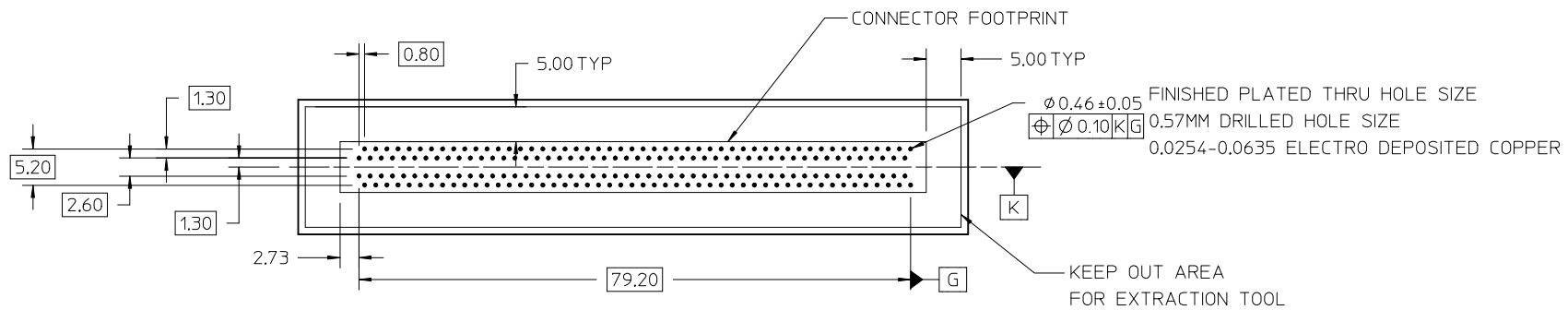
**molex**

# EDGE LINE CONNECTOR BOARD MOUNTING

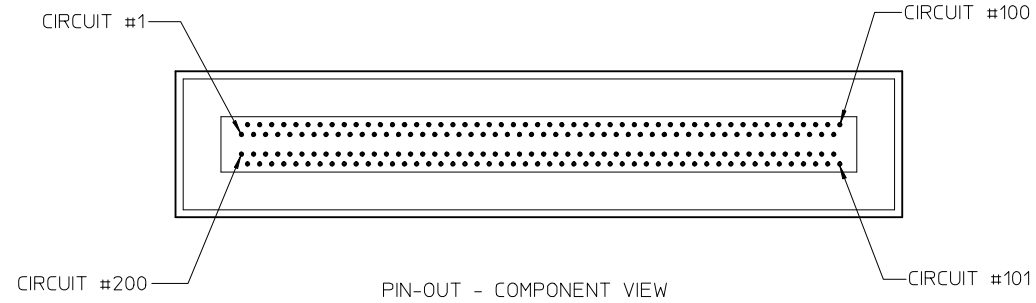


SEE SHEET 1 EC NO: UCP2016-4620 2016/06/02 DRWNGES CHKD: APPR:DMCGOWAN 2016/06/13 DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>2:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION
	▽=0 ▽=0 ▽=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± --- ± ---	DRAWN BY DATE GES 2014/09/26 CHECKED BY DATE APPROVED BY DATE	TITLE <b>EDGE LINE 12.5GB 200CKTS 0.062*PCB 0.8MM PITCH</b>		
	ANGULAR ± 2 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	DOCUMENT NO.	<b>molex</b> SD-170673-1200		
	SIZE C	SEE SHEET 1	SD-170673-1200	SHEET NO. 2 OF 4		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

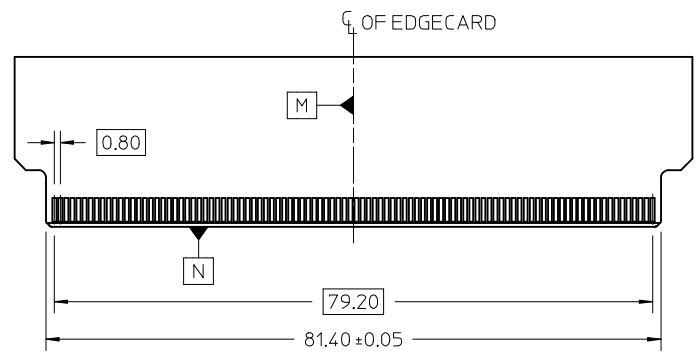




PCB LAYOUT - COMPONENT VIEW

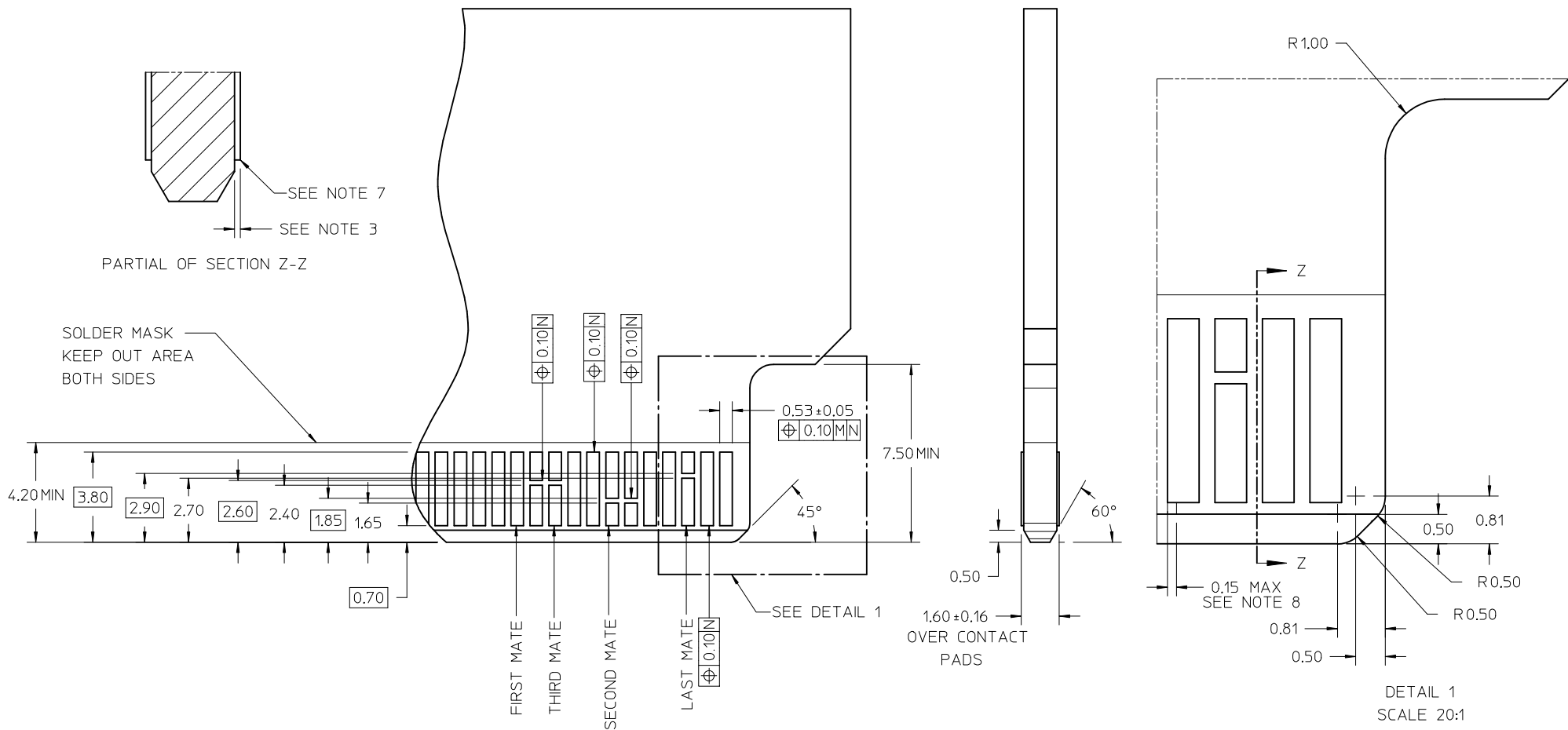


PIN-OUT - COMPONENT VIEW



SEE SHEET 1 EC NO: UCP2016-4620 DRWNGES 2016/06/02 CHKD: APPR:DMCGOWAN 2016/06/13 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>2:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION
	$\nabla = 0$	4 PLACES ± ---	mm INCH	DRAWN BY GES	DATE 2014/09/26	TITLE <b>EDGE LINE 12.5GB 200CKTS 0.062*PCB 0.8MM PITCH</b>
	$\nabla = 0$	3 PLACES ± ---		CHECKED BY	DATE	<b>molex</b> DOCUMENT NO. SD-170673-1200 SHEET NO. 3 OF 4
	$\nabla = 0$	2 PLACES ± 0.13		APPROVED BY	DATE	
		1 PLACE ± 0.25		MATERIAL NO. <b>SEE SHEET 1</b>		
		0 PLACE ± ---		ANGULAR ± 2 °		
				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		

# MODULE EDGE CARD CONTACT DETAIL



## MATING PCB NOTES:

- CONNECTOR LAND CONDITIONS SHALL MEET THE MOST CURRENT REVISION OF PCB SPECIFICATION IPC-6012C-2010 SECTION 3.5.4.4.
- DIMENSIONS APPLY TO LANDS ON BOTH SIDES OF THE BOARD.
- THE THICKNESS OF THE OUTER METAL LAYERS, INCLUDING FOIL, COPPER PLATING, AND THE PROTECTIVE SURFACE FINISH, SHALL BE 0.066mm MAX.
- CHAMFER ROUGHNESS NOT TO EXCEED 3.17 MICROMETERS.
- CHAMFER PROCESS SHALL NOT DAMAGE THE GOLD EDGE LANDS.
- EDGE CARD CHAMFER NOT TO GO THRU GOLD LANDS.
- 0.03mm MAX PLATING OVERHANG ON ALL GOLD LAND EDGES.
- MOLEX RECOMMENDS NO TIE-BARS ON THE LEADING EDGE OF THE GOLD LAND. IF TIE-BARS ARE USED, THEY SHALL BE PLACED TO ONE SIDE OF THE GOLD LAND. APPLIES TO ALL GOLD LANDS.

SEE SHEET 1 EC NO: UCP2016-4620 DRWNGES 2016/06/02 CHKD: JAPPR:DMCGOWAN 2016/06/13 APPR:	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>		SCALE <b>8:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± --- ± ---	mm INCH DRAWN BY DATE GES 2014/09/26 CHECKED BY DATE APPROVED BY DATE	TITLE <b>EDGELINE 12.5GB 200CKTS                  0.062"PCB 0.8MM PITCH</b>		MATERIAL NO. <b>SEE SHEET 1</b>		DOCUMENT NO. <b>SD-170673-1200</b>	SHEET NO. <b>4 OF 4</b>
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							