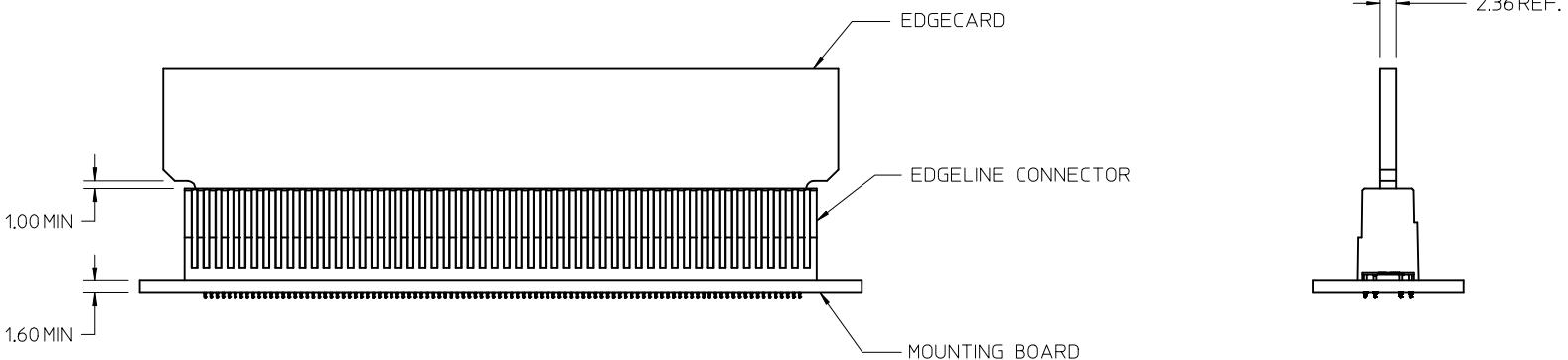


## NOTES:

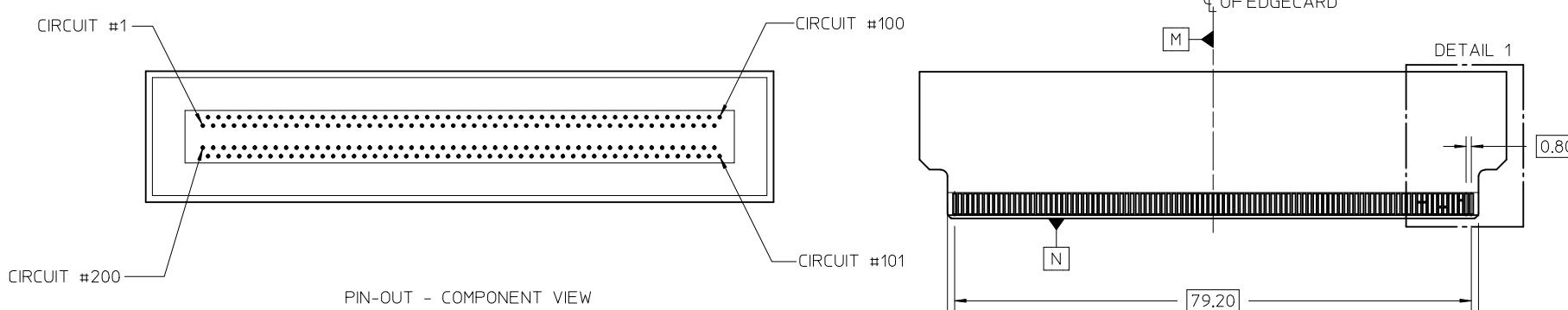
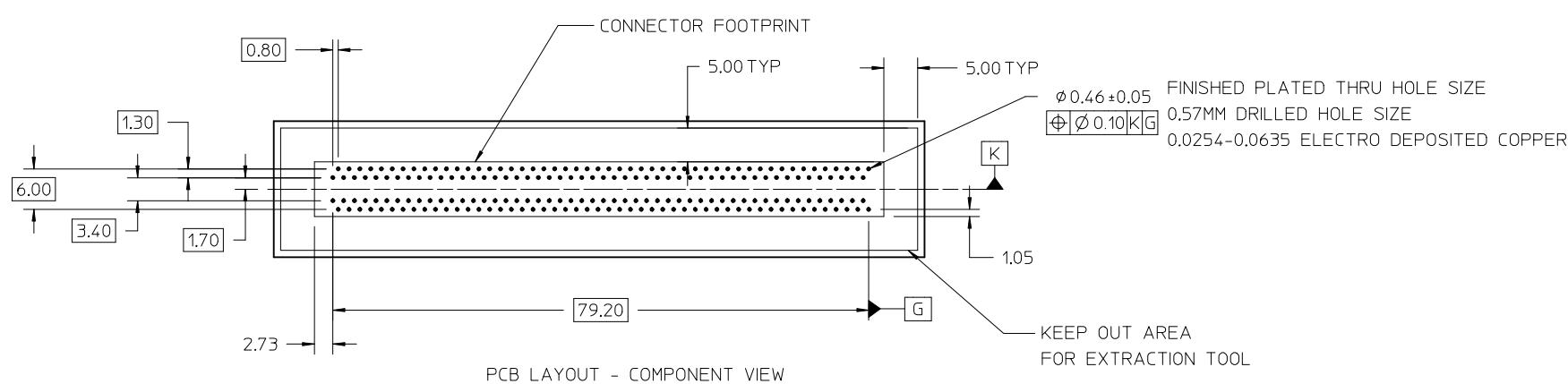
1. MATERIAL:  
HOUSING - GLASS FILLED THERMOPLASTIC, 94-VO, BLACK  
TERMINALS - COPPER ALLOY
2. FINISH:  
CONTACT AREA: HARD GOLD -  $0.76\mu\text{m}$  MIN OVER  $3.80\mu\text{m}$  NICKEL  
COMPLIANT AREA: TIN -  $0.76/1.52\mu\text{m}$  OVER NICKEL
3. REFER TO PS-75594-999 PRODUCT SPECIFICATION FOR ALL 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 =  $2.36 \pm 0.16\text{MM}$  OVER CONTACT PADS.
7. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002

INITIAL RELEASE		QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
EC NO: UCF2015-1097	REV: A		mm	INCH	DRAWN BY	DATE			
DRWNRWHIPPLE	2014/09/18	$\nabla = 0$	4 PLACES	$\pm \text{---}$	$\pm \text{---}$	RWHIPPLE	2014/09/18	2:1	METRIC
CHKDMPOFF	2014/09/18	$\nabla = 1$	3 PLACES	$\pm \text{---}$	$\pm \text{---}$	CHECKED BY	DATE		
APPR:SMILLER	2014/09/29	$\nabla = 1$	2 PLACES	$\pm 0.15$	$\pm \text{---}$	MPOFF	2014/09/18	1 OF 4	molex
			1 PLACE	$\pm 0.25$	$\pm \text{---}$	APPROVED BY	DATE		
			0 PLACE	$\pm \text{---}$	$\pm \text{---}$	SMILLER	2014/09/29		
ANGULAR $\pm 2^\circ$		DRAFT WHERE APPLICABLE		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	

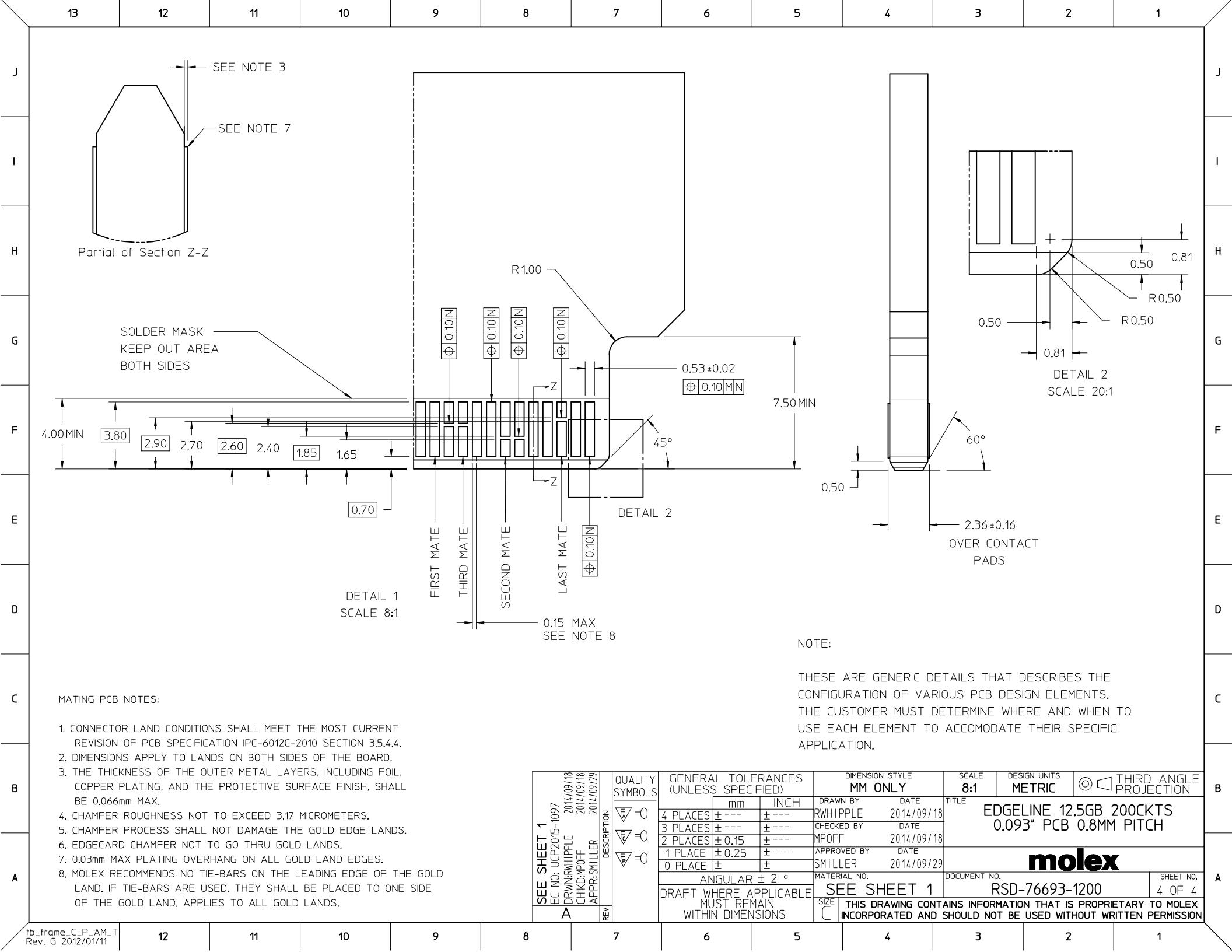
## EDGELINE CONNECTOR BOARD MOUNTING



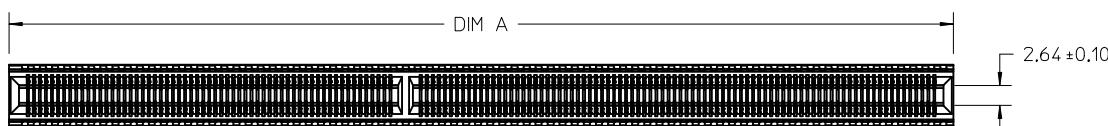
SEE SHEET 1 EC NO: UCF2015-1097 DRAWN BY: RWHIPPLE 2014/09/18 CHKD BY: MPOFF 2014/09/18 APPR'D BY: SMILLER 2014/09/29		QUALITY SYMBOLS REV: A	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION									
mm	INCH		DRAWN BY RWHIPPLE 2014/09/18	DATE 2014/09/18														
4 PLACES	± ---	± ---	CHECKED BY MPOFF 2014/09/18		APPROVED BY SMILLER 2014/09/29		MATERIAL NO. SEE SHEET 1 RSD-76693-1200											
3 PLACES	± ---	± ---	DATE 2014/09/18		DATE 2014/09/29		DOCUMENT NO. SEE SHEET 1 RSD-76693-1200											
2 PLACES	± 0.15	± ---	MATERIAL NO. SEE SHEET 1 RSD-76693-1200		DOCUMENT NO. SEE SHEET 1 RSD-76693-1200		SHEET NO. 2 OF 4											
1 PLACE	± 0.25	± ---	DATE 2014/09/18		DATE 2014/09/29		SIZE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
0 PLACE	± ---	± ---	MATERIAL NO. SEE SHEET 1 RSD-76693-1200		DOCUMENT NO. SEE SHEET 1 RSD-76693-1200		SHEET NO. 2 OF 4											
ANGULAR ± 2 °																		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																		



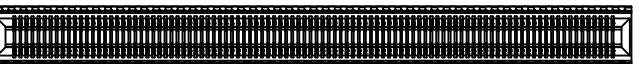
SEE SHEET 1		QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE 2:1	DESIGN UNITS METRIC	PROJECTION				
EC NO: UCP2015-1097	REV: A		mm	INCH	DRAWN BY RWHIPPLE	DATE 2014/09/18							
DRAWNRWHIPPLE	2014/09/18	▽ = 0	4 PLACES	± ---	▽ = 0	2014/09/18							
CHKDMPOFF	2014/09/18	▽ = 0	3 PLACES	± ---	▽ = 0	2014/09/18							
APPRSMILLER	2014/09/29	▽ = 0	2 PLACES	± 0.15	▽ = 0	2014/09/18							
			1 PLACE	± 0.25	▽ = 0	2014/09/29							
			0 PLACE	±	▽ = 0	2014/09/29							
ANGULAR ± 2 °													
DRAFT WHERE APPLICABLE													
MUST REMAIN WITHIN DIMENSIONS													
SEE SHEET 1		SIZE	MATERIAL NO.		DOCUMENT NO.		SHEET NO. 3 OF 4	molex					
SEE SHEET 1			RSD-76693-1200										
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													



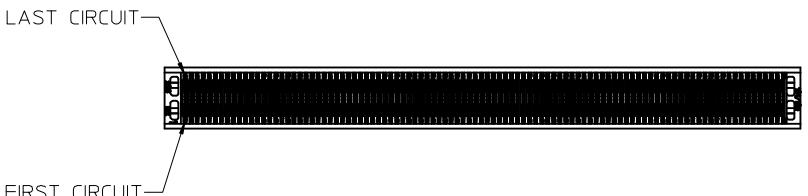
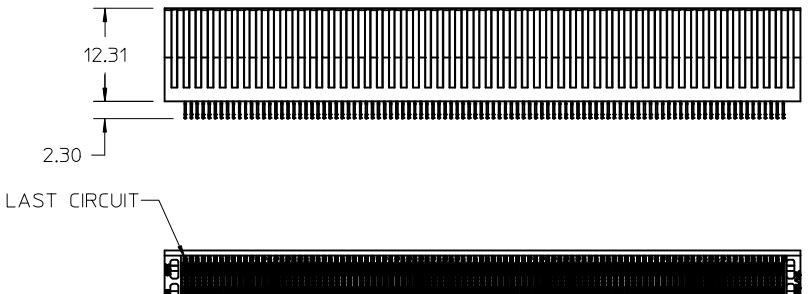
PART NUMBER	VERSION	BAY 1/BAY 2	TOTAL CIRCUITS	DIM A	SALES DRAWING (SEE NOTE 8)
170672-2294	2 BAY	122/172	294	125.03	SD-170672-2294
170672-2278	2 BAY	146/132	278	118.63	SD-170672-2278
170672-1200	1 BAY	200	200	84.20	SD-170672-1200
170672-1170	1 BAY	170	170	72.20	SD-170672-1170
170672-2108	2 BAY	86/22	108	50.6	SD-170672-2108



2 BAY EDGELINE

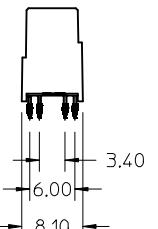


1 BAY EDGELINE



FIRST CIRCUIT

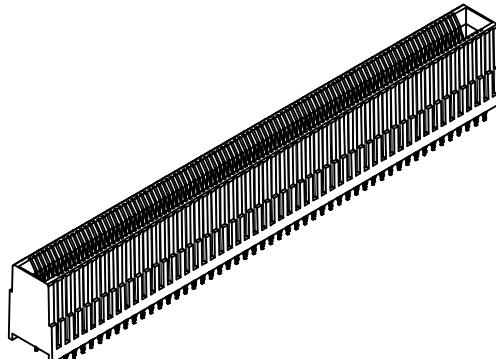
LAST CIRCUIT



3.40

6.00

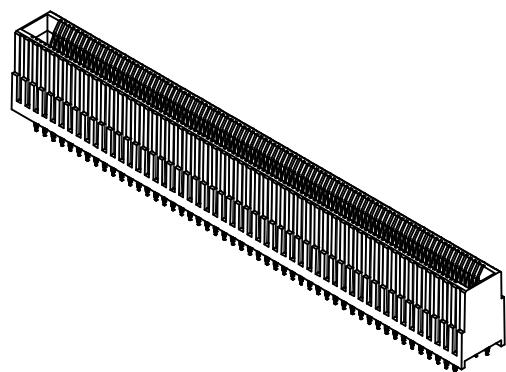
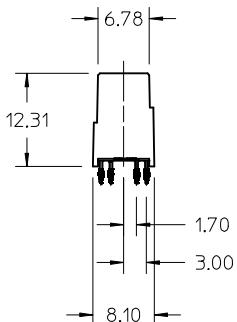
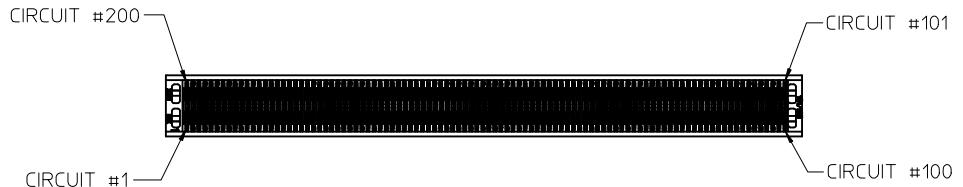
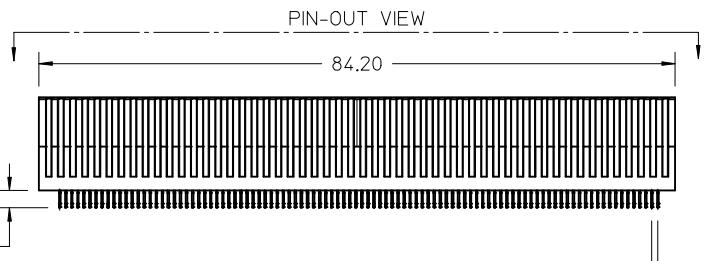
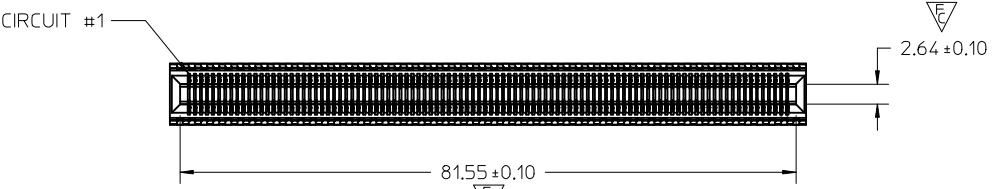
8.10



## NOTES:

- MATERIAL:  
HOUSING - GLASS FILLED THERMOPLASTIC, 94-V0, BLACK  
TERMINALS - COPPER ALLOY
- FINISH:  
CONTACT AREA: HARD GOLD -0.76 $\mu$ m MIN OVER 3.80 $\mu$  NICKEL  
COMPLIANT AREA: TIN - 0.76/1.52 $\mu$ m 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 = 2.36±0.16MM OVER CONTACT PADS.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002
- FOR EDGECARD AND MOUNTING PCB LAYOUT DETAIL SEE CORRESPONDING SALES DRAWING.

ADD P/N 170672-2108		QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
EC NO: UCF2015-1097	REV: B		mm	INCH				
DRAWN/RWHIPPLE	2014/09/15	▽ =0	4 PLACES	± ---	DROSCA	2010/07/01	EDGELINE 12.5GB 0.093" PCB 0.8MM PITCH	
CHKD/MPOFF	2014/09/15	▽ =0	3 PLACES	± ---	CHECKED BY	DATE		
APPR/SMILLER	2014/09/19	▽ =0	2 PLACES	± ---	JCOMERC	2011/03/28		
			1 PLACE	± ---	APPROVED BY	DATE	molex	
			0 PLACE	± ---	JCOMERC	2010/10/25		
			ANGULAR ±1/2°		MATERIAL NO.	DOCUMENT NO.		
			DRAFT WHERE APPLICABLE		SEE TABLE	SD-170672-0001	SHEET NO.	
			MUST REMAIN WITHIN DIMENSIONS				1 OF 1	
			SIZE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



## NOTES:

1. MATERIAL:  
HOUSING - GLASS FILLED THERMOPLASTIC, 94-VO, BLACK  
TERMINALS - COPPER ALLOY
2. FINISH:  
CONTACT AREA: HARD GOLD -0.76 $\mu$ m MIN OVER 3.80 $\mu$  NICKEL  
COMPLIANT AREA: TIN - 0.76/1.52 $\mu$ m 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 = 2.36±0.16MM OVER CONTACT PADS.
7. PRODUCT IS ELV AND RoHS COMPLIANT. LEVEL OF COMPLIANCE: 6/6

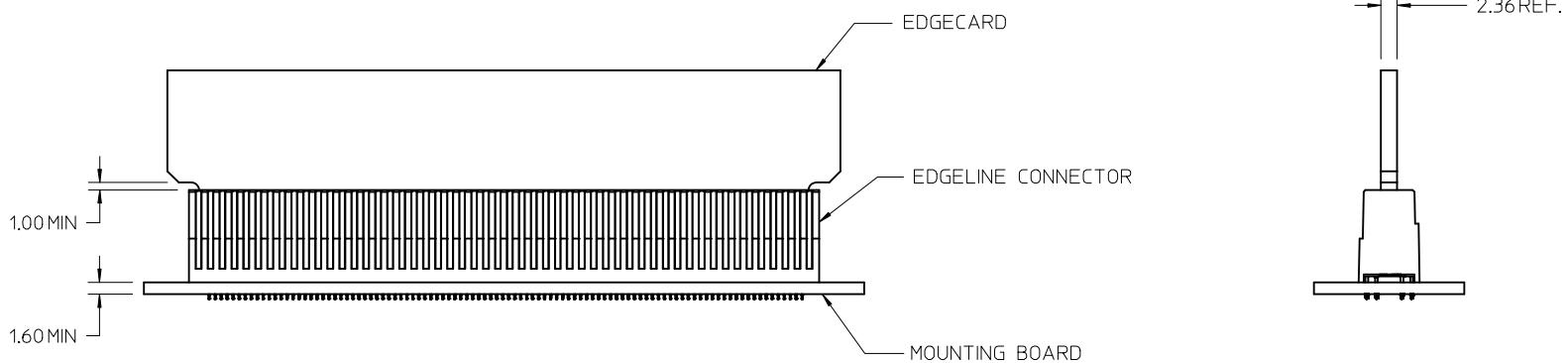
ALL BANNED SUBSTANCES ARE REMOVED:

Pb (LEAD)  
HEXAVALENT CHROMIUM (CrVI)  
CADMIUM  
MERCURY  
POLYBROMINATED BIPHENYL (PBB)  
POLYBROMINATED DIPHENYL ETHER (PBDE)

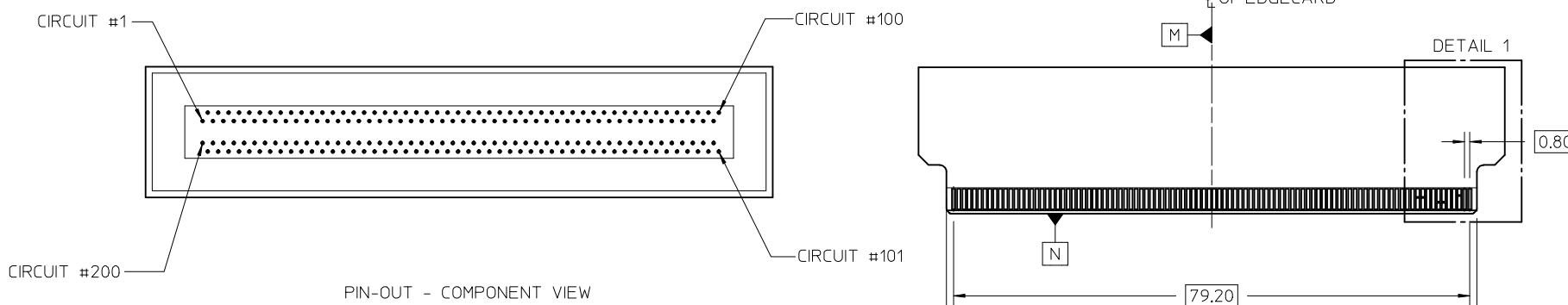
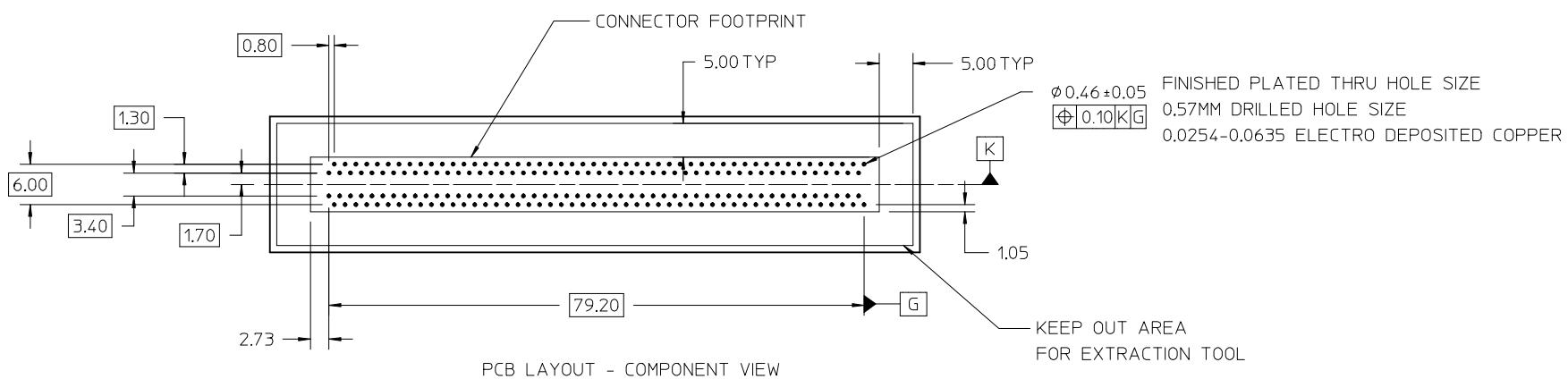
8. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002

CHANGE PTH TOLERANCE EC NO: UCF2014-1613 DRAWN/RW/HIPPLE 2013/11/22	QUALITY SYMBOLS REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH	DRAWN BY DROSCHA	DATE 2011/03/10			
3 PLACES	$\pm$ ---	$\pm$ ---						
2 PLACES	$\pm$ 0.13	$\pm$ ---						
1 PLACE	$\pm$ 0.25	$\pm$ ---						
0 PLACE	$\pm$	$\pm$						
ANGULAR $\pm 1/2^\circ$								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								
2				MATERIAL NO. 1706721200		DOCUMENT NO. SD-170672-1200		SIZE 1 OF 4
								THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

## EDGELINE CONNECTOR BOARD MOUNTING



SEE SHEET 1		GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	④ □ THIRD ANGLE PROJECTION
EC NO: UFP2014-1613	REV: A		mm	INCH			
DRAWN BY: DROSCA	2011/03/10	4 PLACES	±---	±---			
CHKD/BYPPE		3 PLACES	±---	±---			
2013/11/22		2 PLACES	± 0.13	±---			
CHKD/MPOFF		1 PLACE	± 0.25	±---			
2013/11/22		0 PLACE	±	±			
APPR:SMILLER		ANGULAR ±1/2°		APPROVED BY: JCOMERCI		DATE: 2011/03/11	
2013/11/16		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE SHEET 1		DOCUMENT NO. SD-170672-1200	SHEET NO. 2 OF 4
REV: 2		C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



SEE SHEET 1		QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
EC NO: UCP2014-1613	REV: 2		mm	INCH	DRAWN BY	DATE			
DRAWNRWHIPPLE	2013/11/22	▽ = 0	4 PLACES	± ---	▽ = 0	2011/03/10	CHECKED BY	DATE	EDGELINE 12.5GB 0.093" PCB, 0.8MM PITCH 200 CIRCUITS
CHKDMPUFF	2013/11/22	▽ = 0	3 PLACES	± ---	▽ = 0	2011/03/10			
APPRESMILLER	2013/12/16	▽ = 0	2 PLACES	± 0.13	▽ = 0	2011/03/11	APPROVED BY	DATE	molex
		▽ = 0	1 PLACE	± 0.25	▽ = 0	2011/03/11	JCOMERCI	2011/03/11	
			0 PLACE	±	▽ = 0				
ANGULAR ± 1/2°									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
SEE SHEET 1		MATERIAL NO.		DOCUMENT NO.		SIZE		SHEET NO. 3 OF 4	
SEE SHEET 1		SD-170672-1200				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

SOLDER MASK —  
KEEP OUT AREA  
BOTH SIDES

4.00 MIN

3.80      2.90      2.70      2.60      2.40      1.85      1.65

0.70

FIRST MATE  
THIRD MATE  
ETAIL 1  
ALE 8:1

DETAIL 2

12  
M N  
7.50 MIN

A vertical line representing a pipe. At the bottom, there is a horizontal line with a valve symbol. A vertical dimension line with arrows at both ends indicates a height of 0.50 mm from the base of the pipe to the top of the valve. A small arrow points downwards from the valve symbol, indicating the direction of flow.

DETAIL 2  
SCALE 20:

2.36 ± 0.16  
OVER CONTACT  
PADS

**NOTE:**

THESE ARE GENERIC DETAILS THAT DESCRIBES THE CONFIGURATION OF VARIOUS PCB DESIGN ELEMENTS. THE CUSTOMER MUST DETERMINE WHERE AND WHEN TO USE EACH ELEMENT TO ACCOMMODATE THEIR SPECIFIC APPLICATION.

SEE SHEET 1 ECN NO: UCP2014-1613 DRAWN/R:M/HIPPLE CH/KD:MP/Off APPR:SMILLER REV: 2	QUALITY SYMBOLS F=0 F=0 F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH	DRAWN BY DROSCA	DATE 2011/03/10	TITLE EDGELINE 12.5GB 0.093" PCB, 0.8MM PITCH 200 CIRCUITS		
		4 PLACES	± ----	± ----	CHECKED BY DATE			
		3 PLACES	± ----	± ----	APPROVED BY JCOMERCI			
		2 PLACES	± 0.13	± ----	DATE 2011/03/11			
		1 PLACE	± 0.25	± ----				
		0 PLACE	± 1	± 1				
ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE SHEET 1	DOCUMENT NO. SD-170672-1200	SHEET NO. 4 OF 4				
SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						