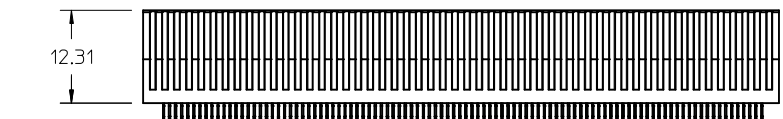


2 BAY EDGE LINE



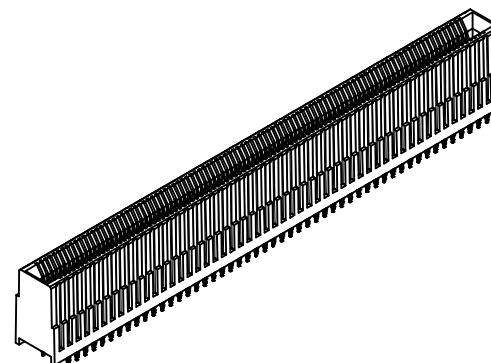
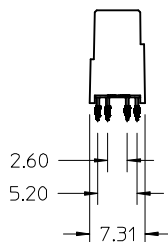
1 BAY EDGE LINE



LAST CIRCUIT



FIRST CIRCUIT

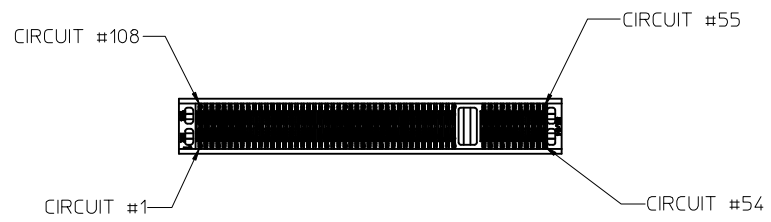
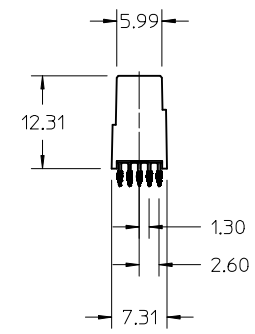
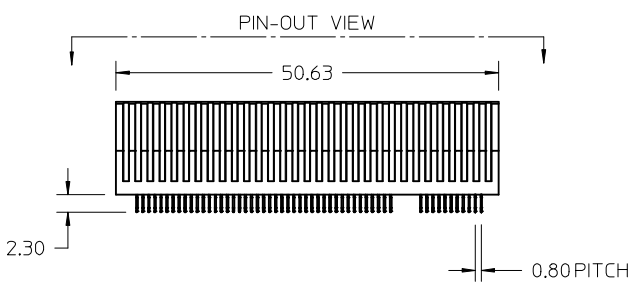
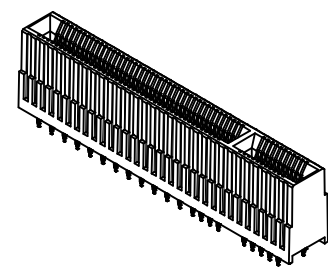
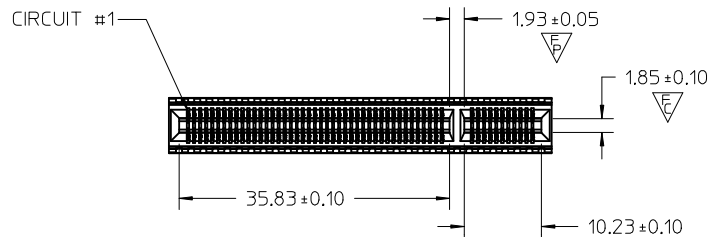


PART NUMBER	VERSION	BAY 1/BAY 2	TOTAL CIRCUITS	DIM A	SALES DRAWING (SEE NOTE 9)
76691-2278	2 BAY	143/132	278	118.63	RSD-76691-2278
76691-1200	1 BAY	200	200	84.20	RSD-76691-1200
76691-2108	2 BAY	86/22	108	50.63	RSD-76691-2108
76691-3108	2 BAY	86/22	108	50.63	RSD-76691-3108
76691-2080	2 BAY	52/28	80	39.43	RSD-76691-111
76691-9046*	1 BAY	46	46	22.60	RSD-76691-109
76691-1046	1 BAY	46	46	22.60	RSD-76691-107

NOTES:

- MATERIAL:
HOUSING - GLASS FILLED THERMOPLASTIC, 94-VO, BLACK
TERMINALS - COPPER ALLOY
- FINISH:
CONTACT AREA: 0.76 MICROMETER MINIMUM HARD GOLD OVER 3.80 MICROMETER NICKEL
COMPLIANT AREA: 0.76-1.52 MICROMETER TIN OVER 1.27 MICROMETER NICKEL
- REFER TO PS-75594-999 PRODUCT SPECIFICATION FOR ALL ELECTRICAL, MECHANICAL AND ENVIROMENTAL SPECIFICATIONS.
- REFER TO PK-76693-900 FOR ALL PACKAGING SPECIFICATIONS.
- PROCESSING: PRESSFIT TO PC BOARD.
- MATING PC BOARD THICKNESS = 1.60±0.16MM OVER CONTACT PADS.
- 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.

INITIAL RELEASE EC NO: UCP2015-1097 DRWR:RWHIPPLE 2014/09/15 CHKD:MPOFF 2014/09/15 APPR:SMILLER 2014/09/29	DESCRIPTION REV A	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		▽=0	mm INCH	DRAWN BY DATE RWHIPPLE 2014/09/15	TITLE EDGE LINE 12.5GB 0.062*PCB 0.8MM PITCH	molex	SHEET NO. 1 OF 1
		▽=0	4 PLACES ± --- ± ---	CHECKED BY DATE MPOFF 2014/09/15			
		▽=0	3 PLACES ± --- ± ---	APPROVED BY DATE SMILLER 2014/09/29			
	2 PLACES ± 0.13 ± ---	MATERIAL NO.					
		1 PLACE ± 0.25 ± ---	ANGULAR ±1/2°	SEE TABLE	DOCUMENT NO.	RSD-76691-100	
		0 PLACE ± --- ± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE C	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-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 ENVIROMENTAL 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

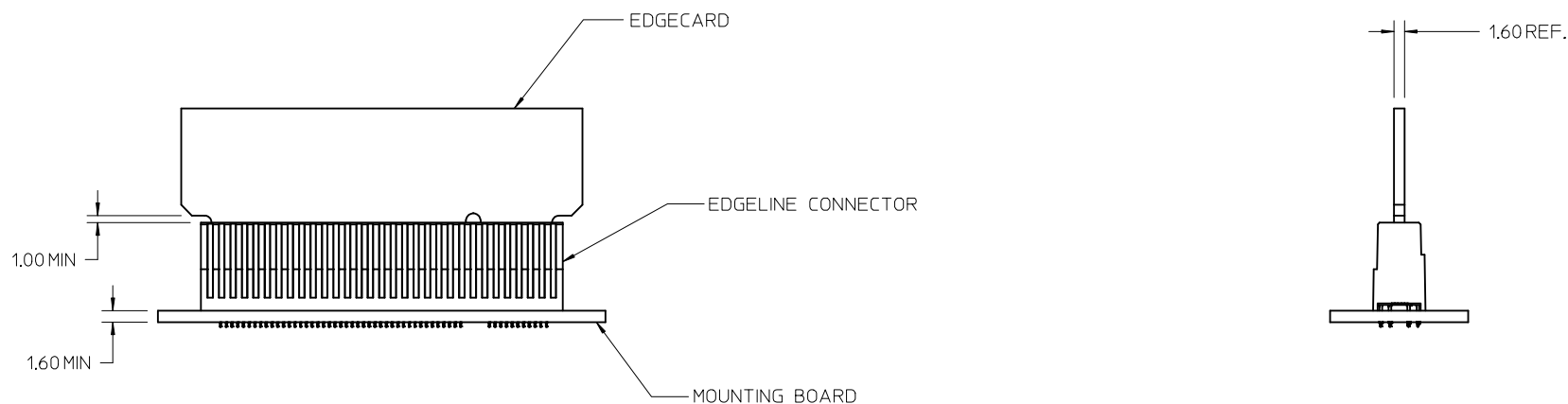
REV	DESCRIPTION	QUALITY SYMBOLS
A	INITIAL RELEASE EC NO: UCP2015-1097 DRWNR:RWHIPPLE 2014/09/16 CHKD:MPOFF 2014/09/16 APPR:SMILLER 2014/09/29	▽=0 ▽=1 ▽=1

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ± ---	± ---
3 PLACES ± ---	± ---
2 PLACES ± 0.15	± ---
1 PLACE ± 0.25	± ---
0 PLACE ±	±
ANGULAR ± 2 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

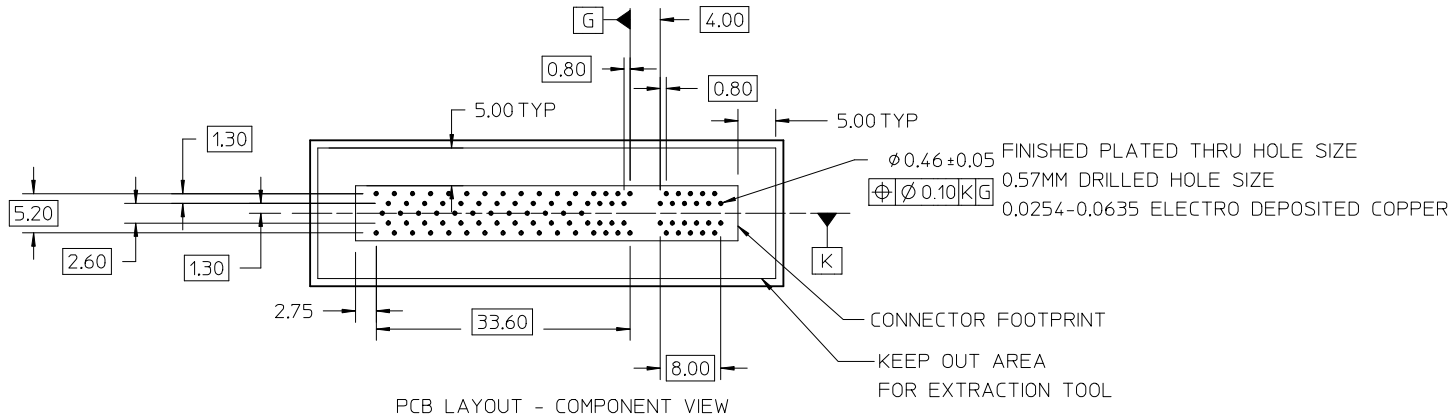
DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
RWHIPPLE	2014/09/16
CHECKED BY	DATE
MPOFF	2014/09/16
APPROVED BY	DATE
SMILLER	2014/09/29
MATERIAL NO.	
766911208	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
2:1	METRIC	☉
TITLE		
EDGELINE 12.5GB 108CKTS 0.062*PCB 0.8MM PITCH		
molex		
DOCUMENT NO.		SHEET NO.
RSD-76691-2108		1 OF 4
SIZE		
C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

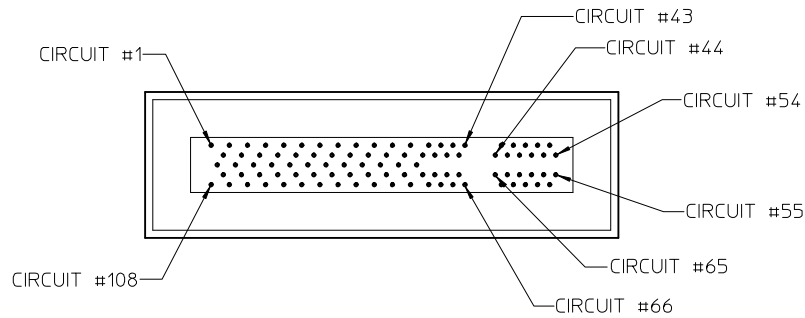
EDGELINE CONNECTOR BOARD MOUNTING



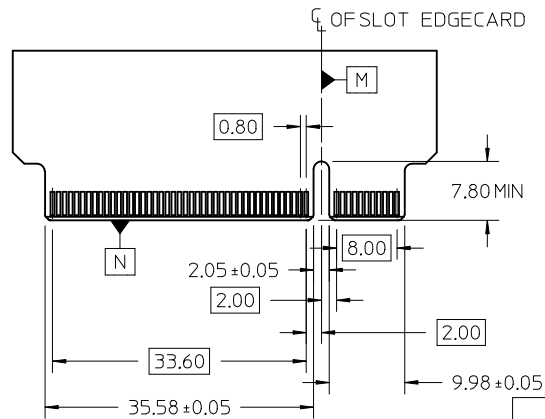
SEE SHEET 1 EC NO: UCP2015-1097 DRWN:RWHIPPLE 2014/09/16 CHKD:MPOFF 2014/09/16 APPR:SMILLER 2014/09/29	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY RWHIPPLE	DATE 2014/09/16	TITLE EDGELINE 12.5GB 108CKTS 0.062"PCB 0.8MM PITCH			
		4 PLACES ± ---	± ---	± ---	CHECKED BY MPOFF	DATE 2014/09/16				
		A	DESCRIPTION	ANGULAR ± 2 °		APPROVED BY SMILLER		DATE 2014/09/29	DOCUMENT NO. RSD-76691-2108	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



PCB LAYOUT - COMPONENT VIEW



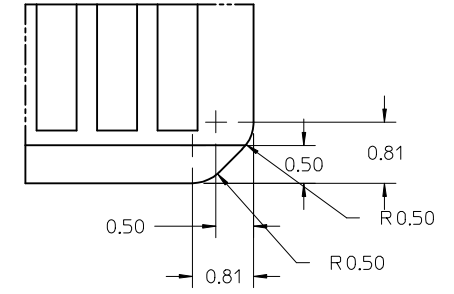
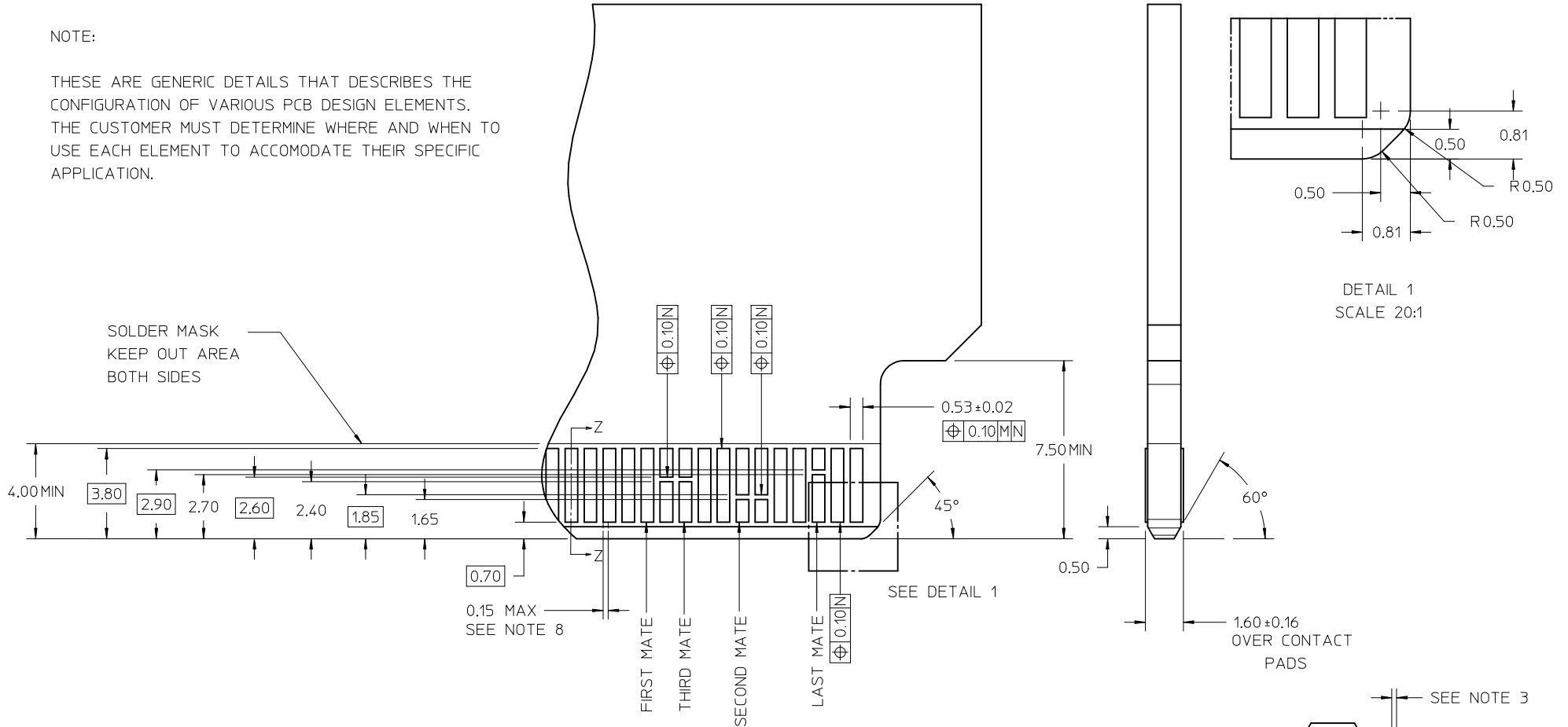
PIN-OUT - COMPONENT VIEW



SEE SHEET 1 EC NO: UCP2015-1097 DRWN:RWHIPPLE 2014/09/16 CHKD:MPOFF 2014/09/16 APPR:SMILLER 2014/09/29	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽=0	mm INCH	DRAWN BY DATE RWHIPPLE 2014/09/16	TITLE EDGE LINE 12.5GB 108CKTS 0.062"PCB 0.8MM PITCH		
	▽=0	4 PLACES ± --- ± ---	CHECKED BY DATE MPOFF 2014/09/16	MATERIAL NO.		
	▽=0	3 PLACES ± --- ± ---	APPROVED BY DATE SMILLER 2014/09/29	SIZE SEE SHEET 1	SHEET NO. 3 OF 4	
		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			

NOTE:

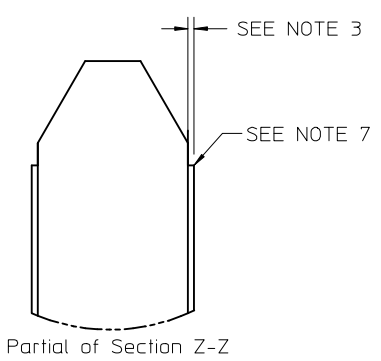
THESE ARE GENERIC DETAILS THAT DESCRIBES THE CONFIGURATION OF VARIOUS PCB DESIGN ELEMENTS. THE CUSTOMER MUST DETERMINE WHERE AND WHEN TO USE EACH ELEMENT TO ACCOMODATE THEIR SPECIFIC APPLICATION.



DETAIL 1
SCALE 20:1

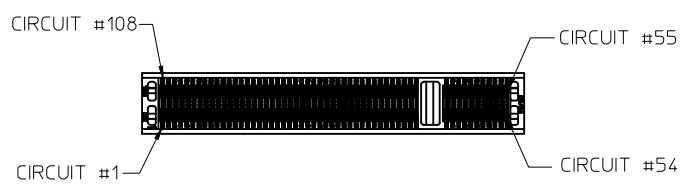
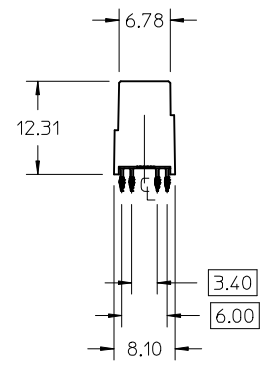
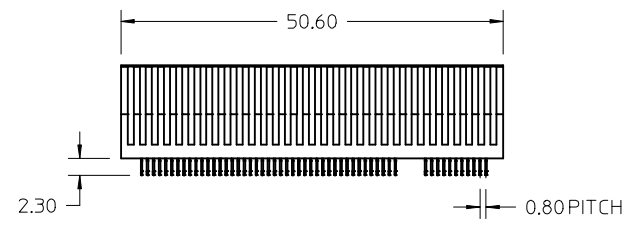
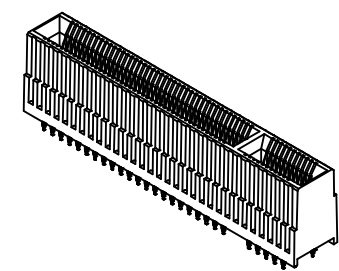
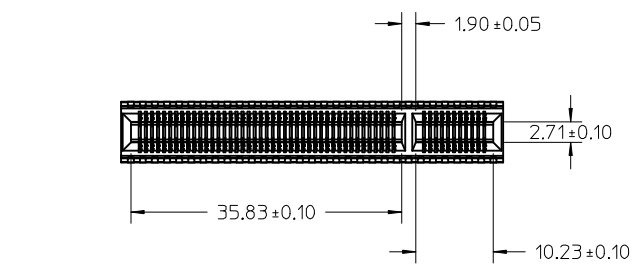
MATING PCB NOTES:

- 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.
- EDGECARD 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.



Partial of Section Z-Z

SEE SHEET 1 EC NO: UCP2015-1097 DRWR:RWHIPPLE 2014/09/16 CHKD:MPOFF 2014/09/16 APPR:SMILLER 2014/09/29	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		4 PLACES	±	---	±	---	DRAWN BY	DATE	TITLE EDGELINE 12.5GB 108CKTS 0.062"PCB 0.8MM PITCH molex DOCUMENT NO. RSD-76691-2108 SHEET NO. 4 OF 4	
		3 PLACES	±	---	±	---	CHECKED BY	DATE		
		2 PLACES	±	0.15	±	---	MPOFF	2014/09/16		
1 PLACE	±	0.25	±	---	APPROVED BY	DATE				
0 PLACE	±		±		SMILLER	2014/09/29				
		ANGULAR ± 2 °		MATERIAL NO.						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1		SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



NOTES:

- MATERIAL:
HOUSING - GLASS FILLED THERMOPLASTIC, 94-VO, 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 ENVIROMENTAL SPECIFICATIONS.
- REFER TO PK-76693-900 FOR ALL PACKAGING SPECIFICATIONS.
- PROCESSING: PRESSFIT TO PC BOARD.
- PRODUCT IS ELV AND RoHS COMPLIANT.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002

CHANGE PTH TOLERANCE EC NO: UCP2015-0423 DRWN:MPOFF 2014/07/15 CHKD: APPR:SMILLER 2014/08/13	REV	DESCRIPTION
	1	

QUALITY SYMBOLS
▽=0
▽=1
▽=1

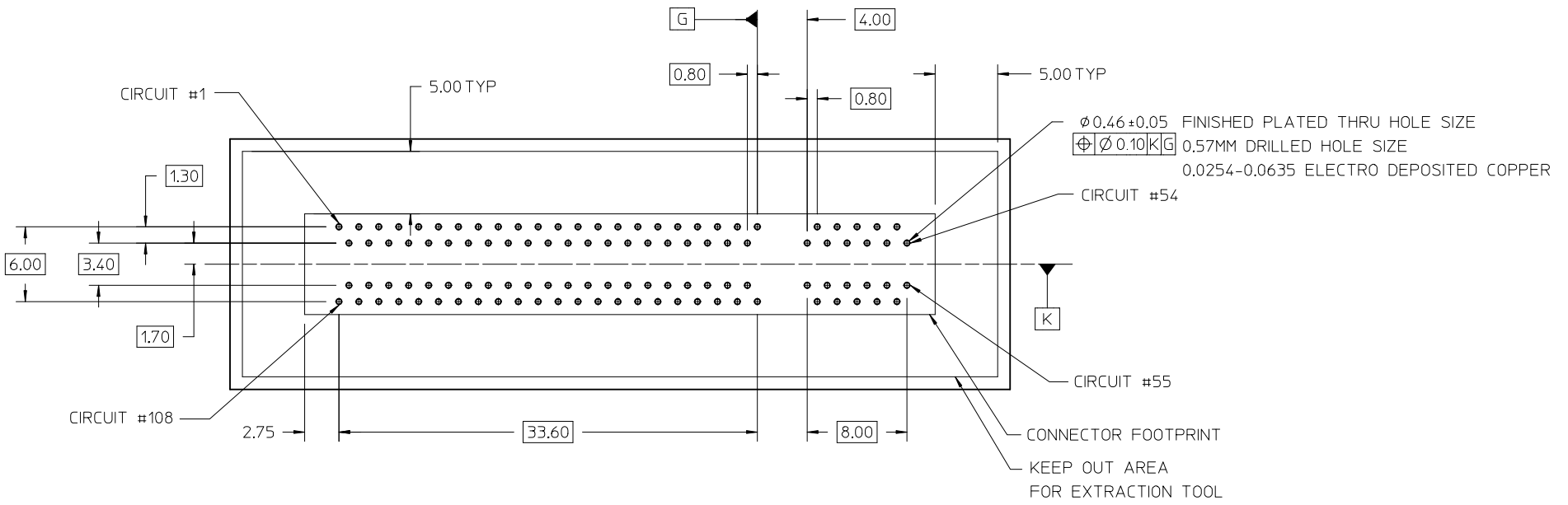
GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm INCH
4 PLACES	± --- ± ---
3 PLACES	± --- ± ---
2 PLACES	± 0.15 ± ---
1 PLACE	± 0.25 ± ---
0 PLACE	± ±
ANGULAR ±1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
MPOFF	2014/07/15
CHECKED BY	DATE
APPROVED BY	DATE
SMILLER	2014/08/13
MATERIAL NO. 170672-2108	

SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
TITLE EDGELINE 12.5GB 108CKTS 0.093*PCB 0.8MM PITCH		
DOCUMENT NO. SD-170672-2108		SHEET NO. 1 OF 3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

13 12 11 10 9 8 7 6 5 4 3 2 1

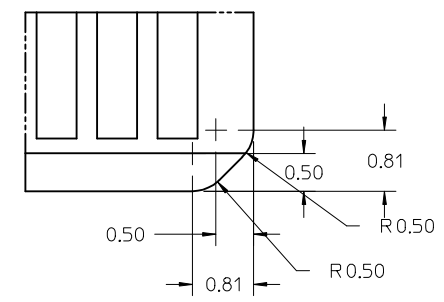
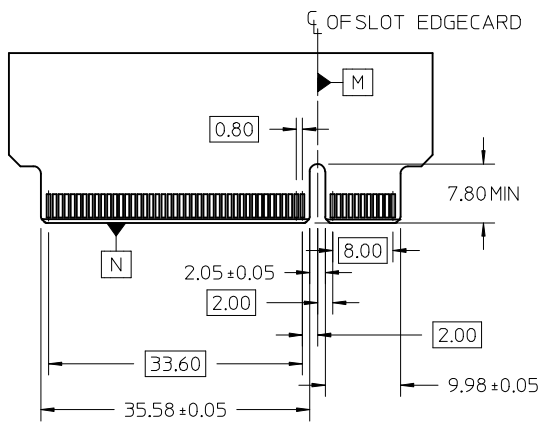
J
I
H
G
F
E
D
C
B
A



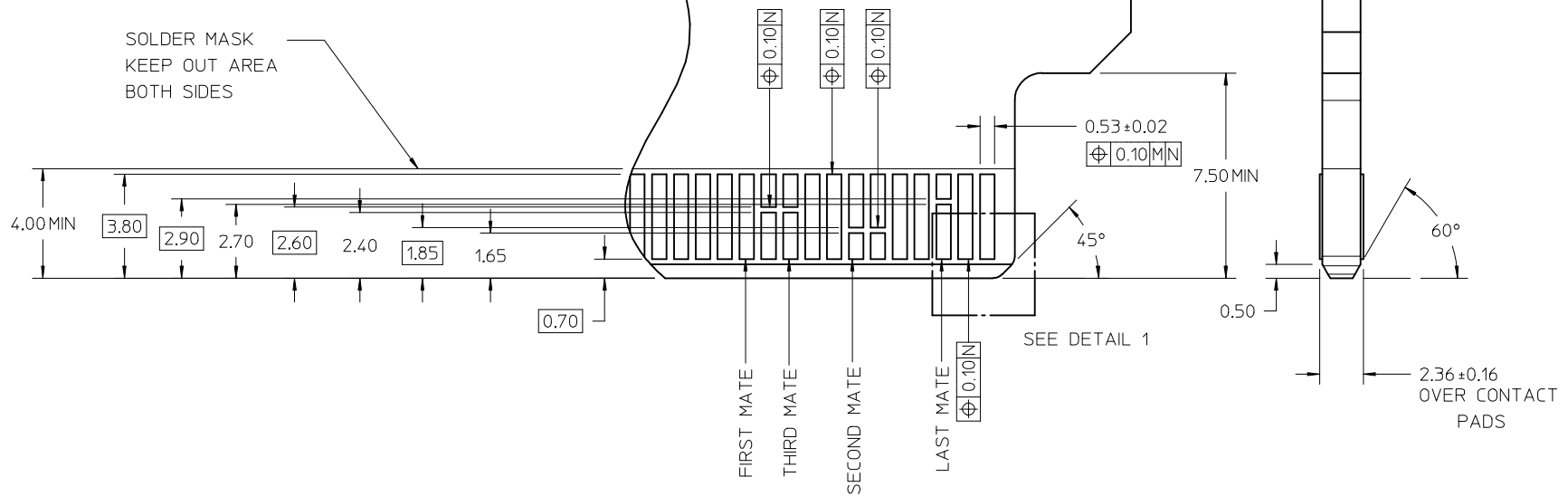
PCB LAYOUT - COMPONENT VIEW

SEE SHEET 1 EC NO: UCP2015-0423 DRWN: MPOFF 2014/07/15 CHKD: APPR: SMILLER 2014/08/13	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± ---	DRAWN BY MPOFF	DATE 2014/07/15	TITLE EDGELINE 12.5GB 108CKTS 0.093"PCB 0.8MM PITCH					
		3 PLACES ± --- ± ---	CHECKED BY DATE		APPROVED BY SMILLER		DATE 2014/08/13	DOCUMENT NO. SD-170672-2108		SHEET NO. 2 OF 3
		2 PLACES ± 0.15 ± ---	MATERIAL NO. SEE SHEET 1		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			
1 PLACE ± 0.25 ± ---	ANGULAR ±1/2°		SIZE C							
0 PLACE ± ±										

ib_frame_C_P_AM_T Rev. G 2012/01/11 12 11 10 9 8 7 6 5 4 3 2 1



DETAIL 1
SCALE 20:1



NOTE:
THESE ARE GENERIC DETAILS THAT DESCRIBE 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 EC NO: UCP2015-0423 DRWN: MPOFF 2014/07/15 CHKD: APPR: MILLER 2014/08/13	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.15 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± ±	mm INCH ± --- ± --- ± 0.15 ± --- ± 0.25 ± --- ± ±	DRAWN BY MPOFF	DATE 2014/07/15	TITLE EDGELINE 12.5GB 108CKTS 0.093"PCB 0.8MM PITCH			
ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY MILLER	DATE 2014/08/13	DOCUMENT NO. SD-170672-2108		SHEET NO. 3 OF 3			
1 DESCRIPTION APPR: MILLER 2014/08/13		SEE SHEET 1		MATERIAL NO.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			