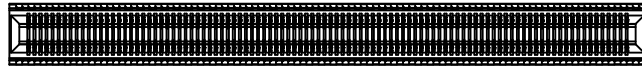
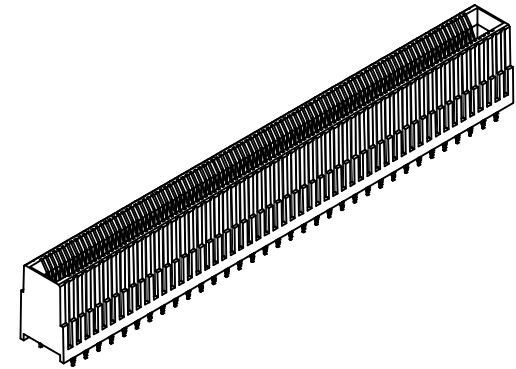
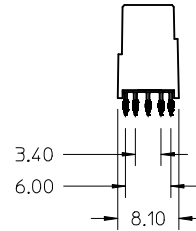
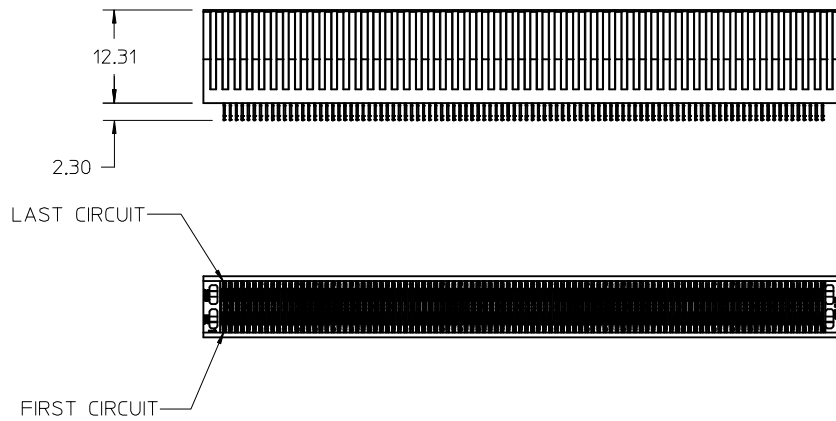


2 BAY EDGE LINE



1 BAY EDGE LINE



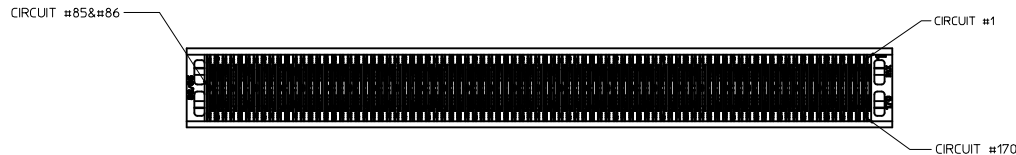
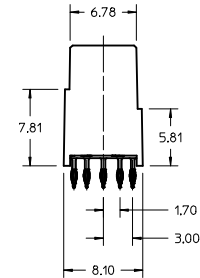
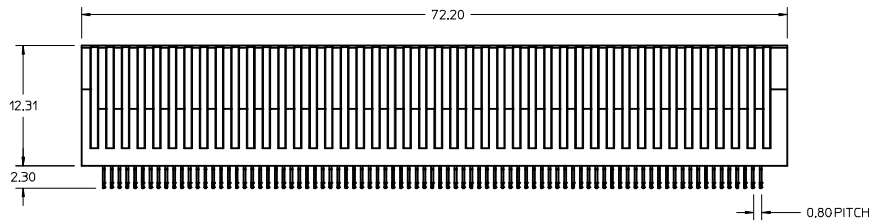
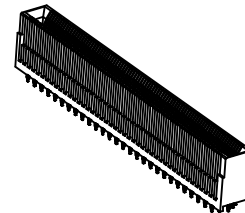
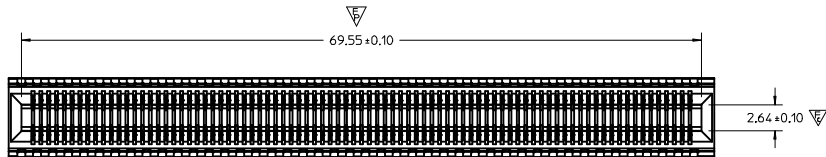
NOTES:

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

PART NUMBER	VERSION	BAY 1/BAY 2	TOTAL CIRCUITS	DIM A	SALES DRAWING (SEE NOTE 9)
76693-2294	2 BAY	122/172	294	125.03	RSD-76693-110
76693-2274*	2 BAY	122/172	294	125.03	RSD-76693-107
76693-2278	2 BAY	146/132	278	118.63	RSD-76693-2278
76693-1200	1 BAY	200	200	84.20	RSD-76693-1200
76693-1170	1 BAY	170	170	72.20	RSD-76693-1170
76693-3170	1 BAY	170	170	72.20	RSD-76693-3170

INITIAL RELEASE EC NO: UCP2015-1097 DRWN:RWHIPPLE 2014/09/17 CHKD:MP0FF 2014/09/17 APPR:SMILLER 2014/09/29 A	DESCRIPTION REV	QUALITY SYMBOLS <
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20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



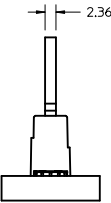
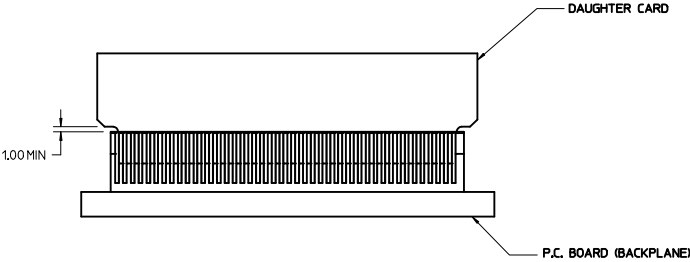
NOTES:

1. MATERIAL:
HOUSING - GLASS FILLED THERMOPLASTIC, 94-VO, BLACK
TERMINALS - COPPER ALLOY
2. FINISH:
TERMINALS - 0.76 MICRONS MINIMUM GOLD IN THE
CONTACT AREA AND 0.76 - 152 MICRONS TIN IN PRESSFIT
TAIL AREA OVER 127 MICRONS MINIMUM NICKEL OVERALL.
3. REFER TO PS-76421-001 PRODUCT SPECIFICATION FOR ALL
ELECTRICAL, MECHANICAL AND ENVIROMENTAL SPECIFICATIONS.
4. REFER TO PK-75594-999 FOR ALL PACKAGING SPECIFICATIONS.
5. PROCESSING: PRESSFIT TO PC BOARD.
6. MATING PC BOARD THICKNESS = 2.36±0.16MM OVER CONTACT PADS.

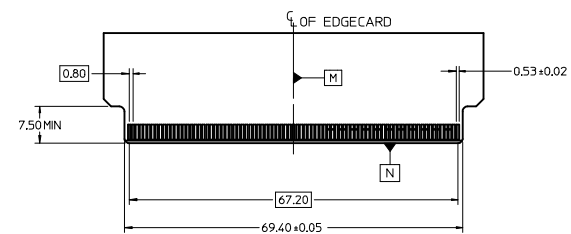
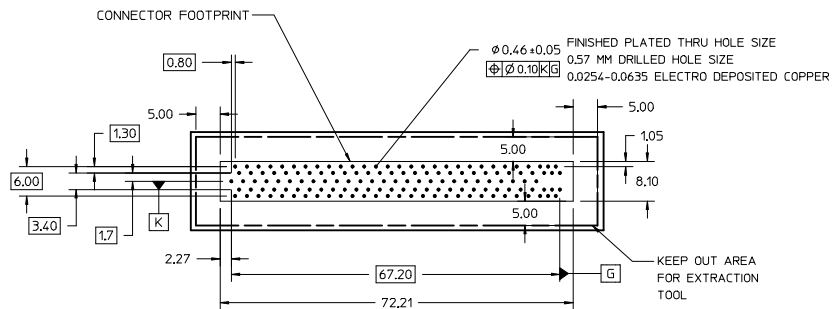
INITIAL RELEASE EC NO: UCP2015-1097 DRAWN BY: RWHIPPLE CHECKED BY: CHYKMOFF APPROVED BY: SMILLER REV: A	DESCRIPTION 2014/09/19 2014/09/18 2014/09/29	QUALITY SYMBOLS ▽=0 ▽=1 ▽=1	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	TITLE EDGE LINE 12.5GB 170CKTS 0.093"PCB 0.8MM PITCH						
					MM ONLY		4:1	METRIC								
					DRAWN BY	DATE	MATERIAL NO.				DOCUMENT NO.	SHEET NO.				
					RWHIPPLE	2014/09/19	766931170				RSD-76693-1170	1 OF 5				
					CHECKED BY	DATE	molex									
					MPROFF	2014/09/18										
					APPROVED BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
					SMILLER	2014/09/29										
		ANGULAR ± 2 °														
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE D												

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

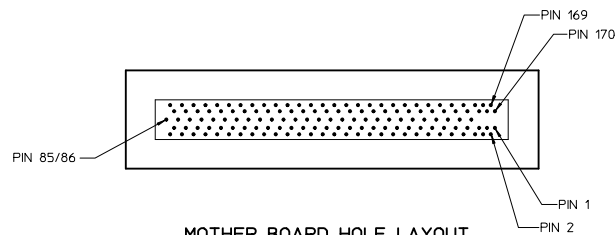
P.C. BOARD MOUNTING



SEE SHEET 1 EC NO. UCP2015-1097 A DRAWN BY: RWHIPPLE 2014/09/19 CHECKED BY: CHKO-MPOFF 2014/09/18 APPROVED BY: SMILLER 2014/09/29 REV: A	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	EDGELINE 12.5GB 170CKTS 0.093"PCB 0.8MM PITCH molex DOCUMENT NO. RSD-76693-1170 SHEET NO. 2 OF 5	
	▽=0		mm INCH	DRAWN BY RWHIPPLE	DATE 2014/09/19	TITLE				
	▽=0	4 PLACES ± --- ± ---		CHECKED BY	DATE					
	▽=0	3 PLACES ± --- ± ---		MPOFF	2014/09/18					
		2 PLACES ± 0.15 ± ---		APPROVED BY	DATE					
	1 PLACE ± 0.25 ± ---		SMILLER	2014/09/29						
	0 PLACE ± --- ± ---									
		ANGULAR ± 2 °		MATERIAL NO.						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1						
				SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



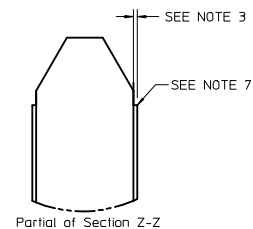
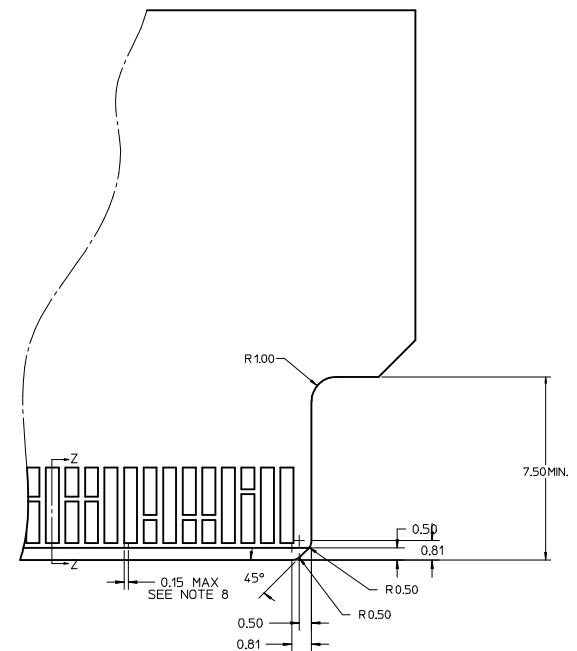
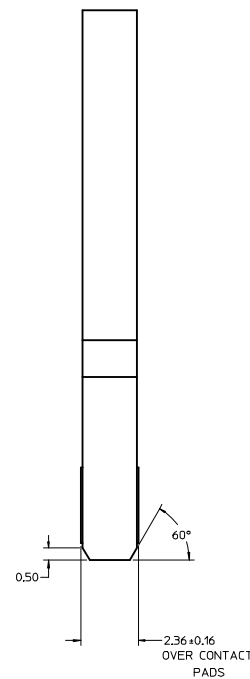
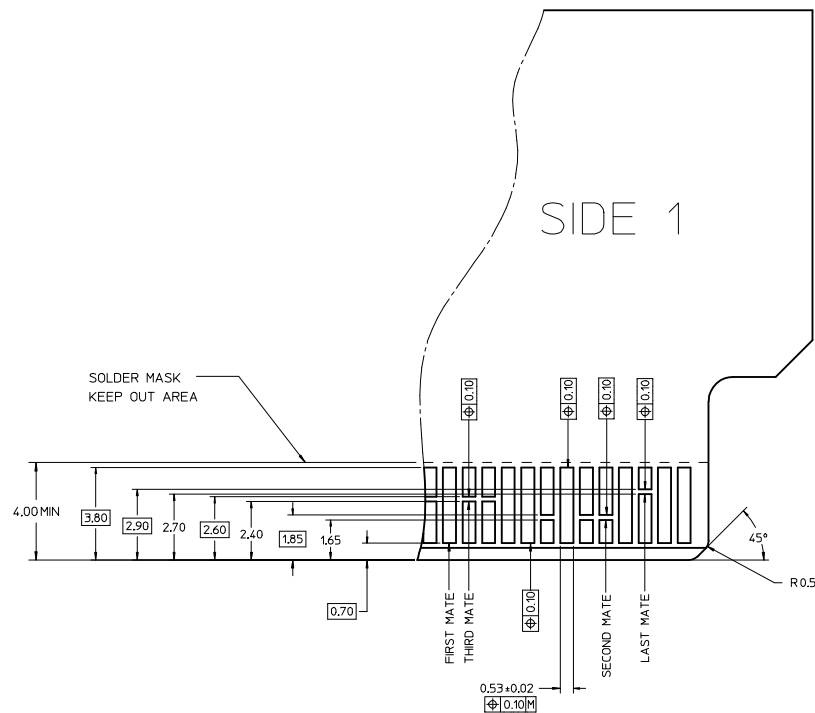
DAUGHTER CARD



MOTHER BOARD HOLE LAYOUT
(COMPONENT SIDE)

SEE SHEET 1 EC NO: UCP2015-1097 DRAWN BY RWHIPPLE 2014/09/19 CHECKED BY YPOFF 2014/09/18 APPROVED BY SMILLER 2014/09/29 A	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
						MM ONLY		2:1	METRIC		
								TITLE		EDGELINE 12.5GB 170CKTS 0.093"PCB 0.8MM PITCH	
										molex	
								DOCUMENT NO.		SHEET NO.	
						SEE SHEET 1		RSD-76693-1170		3 OF 5	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE D		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:

1. CONNECTOR LAND CONDITIONS SHALL MEET THE MOST CURRENT REVISION OF PCB SPECIFICATION IPC-6012C-2010 SECTION 3.5.4.4.
2. DIMENSIONS APPLY TO LANDS ON BOTH SIDES OF THE BOARD.
3. THE THICKNESS OF THE OUTER METAL LAYERS, INCLUDING FOIL, COPPER PLATING, AND THE PROTECTIVE SURFACE FINISH, SHALL BE 0.066mm MAX.
4. CHAMFER ROUGHNESS NOT TO EXCEED 3.17 MICROMETERS.
5. CHAMFER PROCESS SHALL NOT DAMAGE THE GOLD EDGE LANDS.
6. EDGE CARD CHAMFER NOT TO GO THRU GOLD LANDS.
7. 0.03mm MAX PLATING OVERHANG ON ALL GOLD LAND EDGES.
8. 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.

NOTES:

1. 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.
2. CHAMFER ROUGHNESS NOT TO EXCEED 3.14μm
3. CHAMFER NOT TO GO THRU GOLD PAD OF THE EDGE CARD.
4. RECOMMENDED CONTACT PAD PLATING FINISH
HARD GOLD 0.76μm

SEE SHEET 1 IEC NO: UCP2015-1097 DRAWN BY: RWHPPL 2014/09/19 CHECKED BY: CHXMPDFF 2014/09/18 APPROVED BY: APPRSMILLER 2014/09/29 REV: A	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
	▽=0	4 PLACES ±	mm	INCH	DRAWN BY	DATE	TITLE		
	▽=0	3 PLACES ±	±	±	CHECKED BY	DATE	EDGE LINE 12.5GB 170CKTS 0.093"PCB 0.8MM PITCH		
	▽=0	2 PLACES ±	±0.15	±	MPOFF	2014/09/18	molex		
		1 PLACE ±	±0.25	±	APPROVED BY	DATE			
	0 PLACE ±	±	±	SMILLER	2014/09/29	DOCUMENT NO.		SHEET NO.	
		ANGULAR ± 2°		SEE SHEET 1		RSD-76693-1170		4 OF 5	
		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					

molex

SHEET NO.
4 OF 5

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

76693-1170 170 CKTS									
COMPONENT SIDE 1					COMPONENT SIDE 2				
PN NO.	SIGNAL	ALLIANCE PN NO.			SIGNAL	PN NO.			
170						1			
169						2			
168						3			
167						4			
166						5			
165						6			
164						7			
163						8			
162						9			
161						10			
160						11			
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87						84			
86						85			

SEE SHEET 1 EC NO: UCP2015-1097 DRAWN BY: RWHIPPLE CHECKED BY: CHYKAMPOFF APPR. SMILLER 2014/09/19 2014/09/18 2014/09/29	QUALITY SYMBOLS	DESCRIPTION	REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION
						MM ONLY		4:1	METRIC	
						DRAWN BY DATE		TITLE		
						RWHIPPLE 2014/09/19		EDGELINE 12.5GB 170CKTS 0.093"PCB 0.8MM PITCH		
						CHECKED BY DATE		molex		
						MPOFF 2014/09/18				
						APPROVED BY DATE				
		SMILLER 2014/09/29		DOCUMENT NO.		SHEET NO. 5 OF 5				
		ANGULAR ± 2 °		RSD-76693-1170						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1						
				SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				