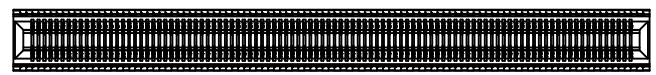
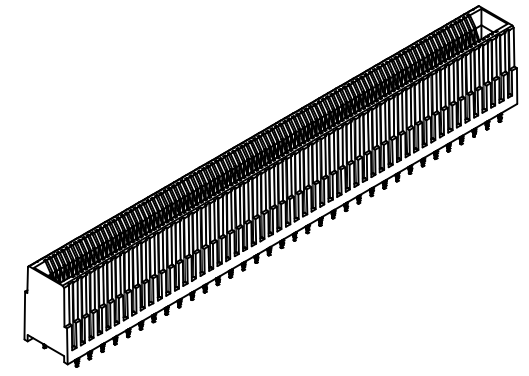
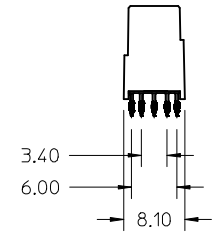
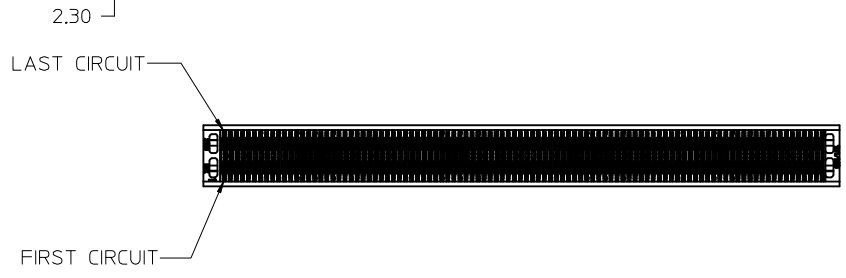
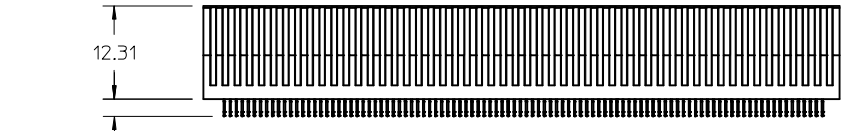


2 BAY EDGE LINE



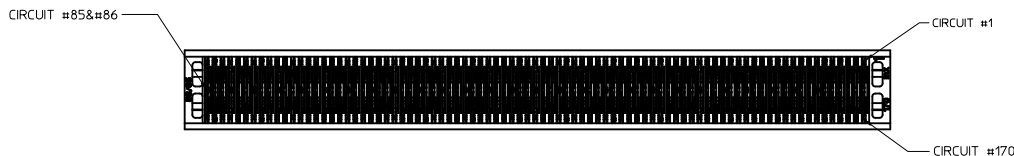
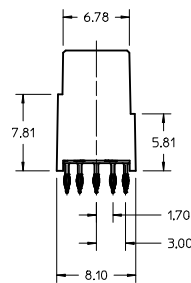
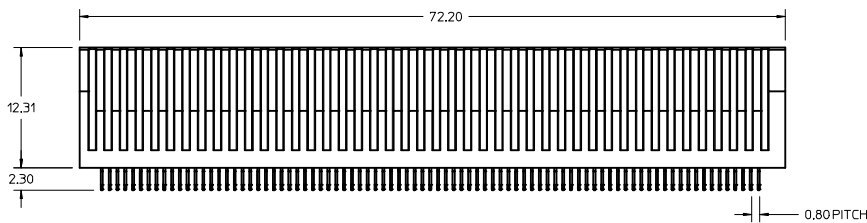
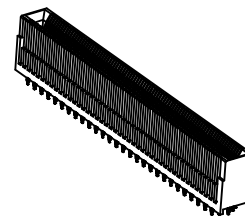
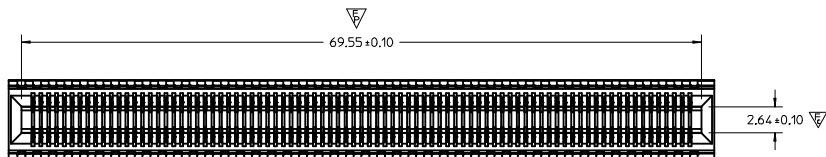
1 BAY EDGE LINE



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

- NOTES:
- MATERIAL:
HOUSING - GLASS FILLED THERMOPLASTIC, 94-V0, BLACK
TERMINALS - COPPER ALLOY
 - FINISH:
CONTACT AREA: HARD GOLD - 0.76µm MIN OVER 3.80µm NICKEL
COMPLIANT AREA: TIN - 0.76/1.52µm OVER NICKEL
 - REFER TO PS-75594-999 PRODUCT SPECIFICATION FOR ALL ELECTRICAL, MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS.
 - REFER TO PK-76693-900 FOR ALL PACKAGING 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 EDGE CARD AND MOUNTING PCB LAYOUT DETAIL SEE CORRESPONDING SALES DRAWING.

INITIAL RELEASE EC NO: UCP2015-1097 DRWR:RWHIPPLE 2014/09/17 CHKD:MPOFF 2014/09/17 APPR:SMILLER 2014/09/29	DESCRIPTION REV A	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		▽=0	mm INCH	MM ONLY	2:1	METRIC	
		▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	EDGELINE 12.5GB 0.093*PCB 0.8MM PITCH		
		▽=0	3 PLACES ± --- ± ---	RWHIPPLE 2014/09/17			
		ANGULAR ±1/2°	CHECKED BY DATE	molex DOCUMENT NO. RSD-76693-100 SHEET NO. 1 OF 1			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MPOFF 2014/09/17				
			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				
			MATERIAL NO.				
			SEE TABLE				



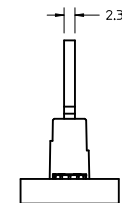
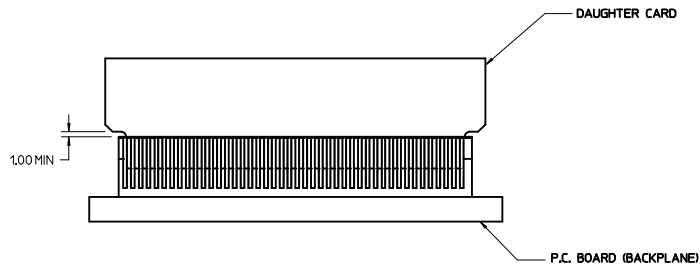
NOTES:

- MATERIAL:
HOUSING - GLASS FILLED THERMOPLASTIC, 94-V0, BLACK
TERMINALS - COPPER ALLOY
- FINISH:
TERMINALS - 0.76 MICRONS MINIMUM GOLD IN THE CONTACT AREA AND 0.76 - 1.52 MICRONS TIN IN PRESSFIT TAIL AREA OVER 1.27 MICRONS MINIMUM NICKEL OVERALL.
- REFER TO PS-76421-001 PRODUCT SPECIFICATION FOR ALL ELECTRICAL, MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS.
- REFER TO PK-75594-999 FOR ALL PACKAGING SPECIFICATIONS.
- PROCESSING: PRESSFIT TO PC BOARD.
- MATING PC BOARD THICKNESS = 2.36±0.16MM OVER CONTACT PADS.

INITIAL RELEASE EC NO: UCP2015-1097 DRWN: RWHIPPLE 2014/09/19 CHKD: MPOFF 2014/09/18 APPR: SMILLER 2014/09/29 REV: A	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	4:1	METRIC	
	▽=1	4 PLACES ± --- + ---	DRAWN BY DATE			TITLE
	▽=1	3 PLACES ± --- + ---	RWHIPPLE 2014/09/19			EDGELINE 12.5GB 170CKTS 0.093"PCB 0.8MM PITCH
	2 PLACES ± 0.15 + ---	CHECKED BY DATE				
	1 PLACE ± 0.25 + ---	MPOFF 2014/09/18				
	0 PLACE ± --- + ---	APPROVED BY DATE				
		SMILLER 2014/09/29				
		ANGULAR ± 2 °	MATERIAL NO.			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	766931170	DOCUMENT NO.		
			SIZE D			
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
						SHEET NO. 1 OF 5

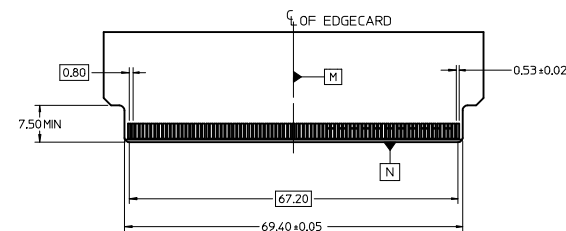
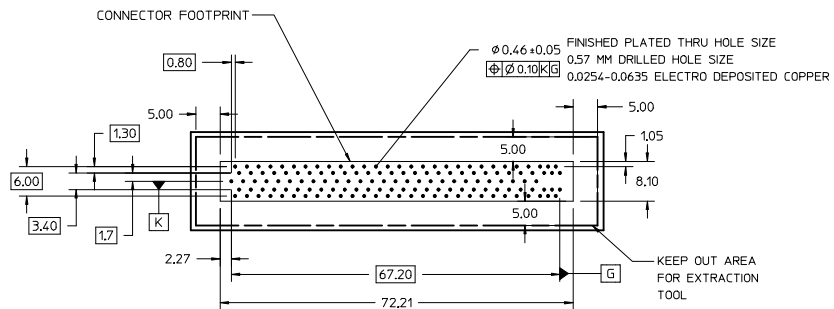
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

P.C. BOARD MOUNTING

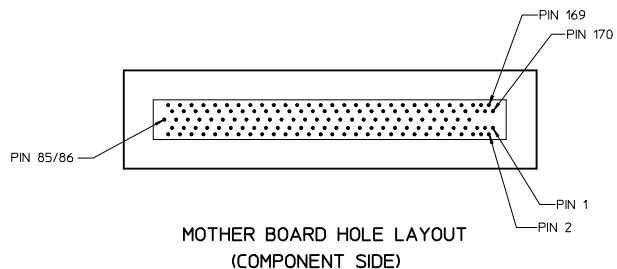


SEE SHEET 1 IEC NO: UCP2015-1097 DRAWN BY: RWHIPPLE 2014/09/19 CHECKED BY: CHYKOPHOFF 2014/09/18 APPR: SMILLER 2014/09/29 REV: A	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0	▽=0	▽=0	MM ONLY	2:1	METRIC		
	▽=0	▽=0	▽=0	4 PLACES ±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

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



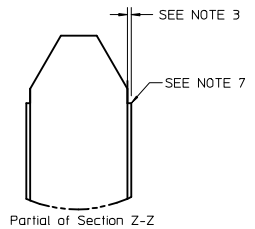
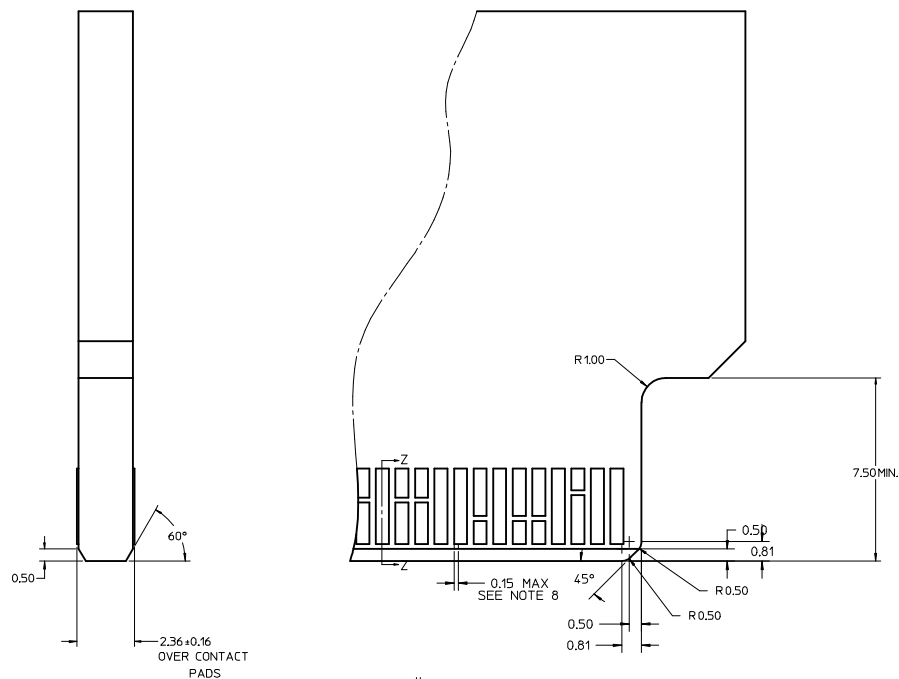
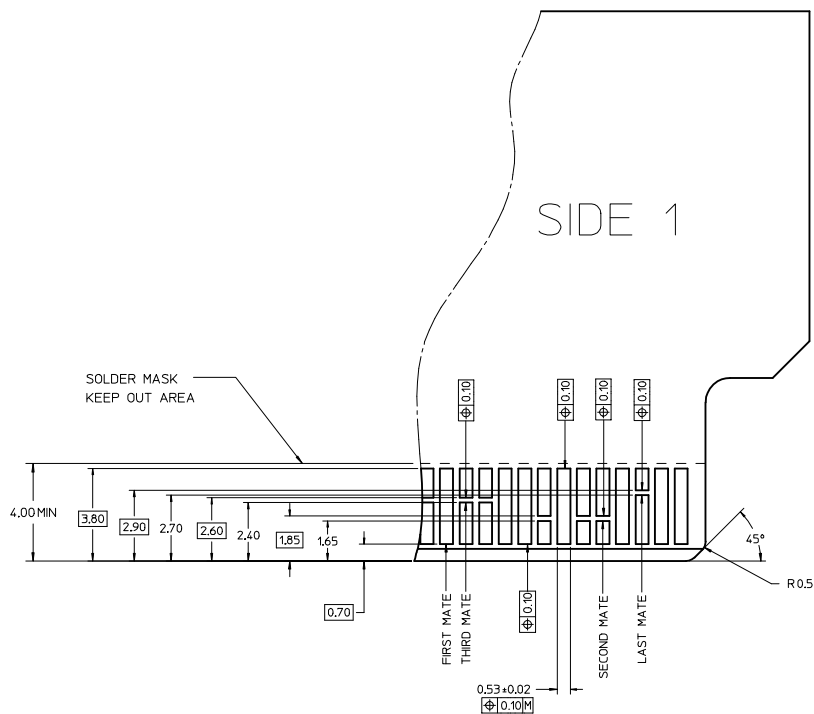
DAUGHTER CARD



MOTHER BOARD HOLE LAYOUT
(COMPONENT SIDE)

SEE SHEET 1 IEC NO: UCP2015-1097 DRAWN BY: RWHIPPLE 2014/09/19 CHECKED BY: CHOKMPOFF 2014/09/18 APPROVED BY: APPR:SMILLER 2014/09/29	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	∇=0 ∇=0 ∇=0	4 PLACES ± --- + --- 3 PLACES ± --- + --- 2 PLACES ± 0.15 + --- 1 PLACE ± 0.25 + --- 0 PLACE ± --- + ---	mm INCH ANGULAR ± 2 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MM ONLY DRAWN BY: RWHIPPLE 2014/09/19 CHECKED BY: MPOFF 2014/09/18 APPROVED BY: SMILLER 2014/09/29	2:1	METRIC
			MATERIAL NO. SEE SHEET 1		DOCUMENT NO. RSD-76693-1170	SHEET NO. 3 OF 5
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.

NOTES:

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

SEE SHEET 1 EC NO: UCP2015-1097 DRAWN BY: RWHIPPLE CHECKED BY: CHOKMPOFF APPROVED BY: APPR:SMILLER	DATE: 2014/09/19 DATE: 2014/09/18 DATE: 2014/09/29	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED): 4 PLACES ± 0.15 3 PLACES ± 0.25 2 PLACES ± 0.30 1 PLACE ± 0.40 0 PLACE ± 0.50	DIMENSION STYLE MM ONLY	SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE EDGELINE 12.5GB 170CKTS 0.093"PCB 0.8MM PITCH	MATERIAL NO. SEE SHEET 1	DOCUMENT NO. RSD-76693-1170	SHEET NO. 4 OF 5
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			ANGULAR ± 2°			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

76693-1170 (170 CIRCUITS)					
COMPONENT SIDE 1		ALLEGRO PIN NO.		COMPONENT SIDE 2	
PIN NO.	SIGNAL			SIGNAL	PIN NO.
170					1
169					2
168					3
167					4
166					5
165					6
164					7
163					8
162					9
161					10
160					11
159					12
158					13
157					14
156					15
155					16
154					17
153					18
152					19
151					20
150					21
149					22
148					23
147					24
146					25
145					26
144					27
143					28
142					29
141					30
140					31
139					32
138					33
137					34
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135					36
134					37
133					38
132					39
131					40
130					41
129					42
128					43
127					44
126					45
125					46
124					47
123					48
122					49
121					50
120					51
119					52
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114					57
113					58
112					59
111					60
110					61
109					62
108					63
107					64
106					65
105					66
104					67
103					68
102					69
101					70
100					71
99					72
98					73
97					74
96					75
95					76
94					77
93					78
92					79
91					80
90					81
89					82
88					83
87					84
86					85

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