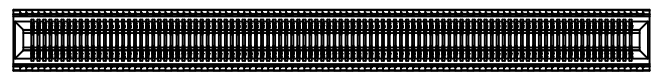
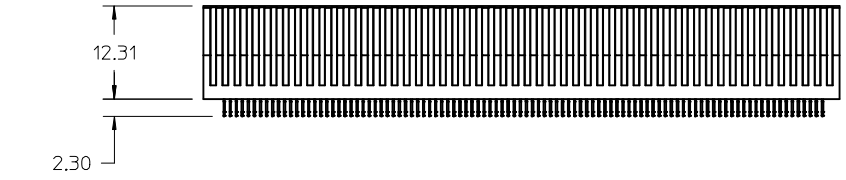


2 BAY EDGELINE

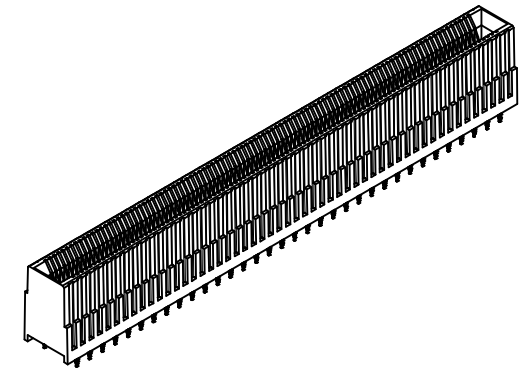
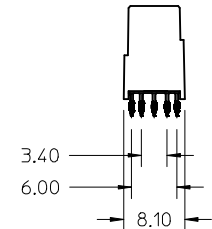


1 BAY EDGELINE



LAST CIRCUIT

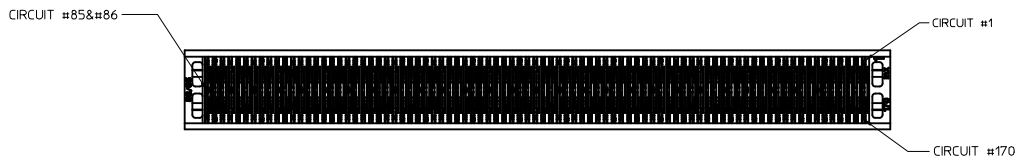
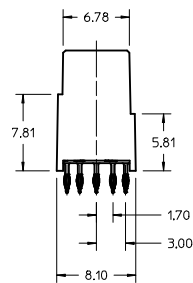
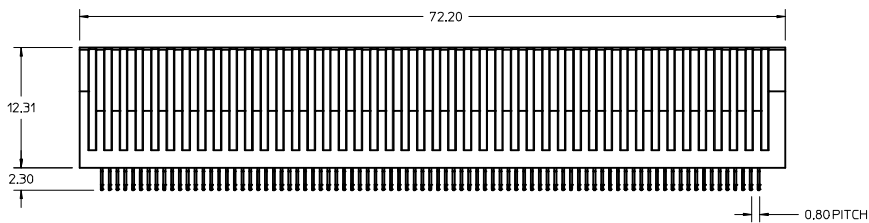
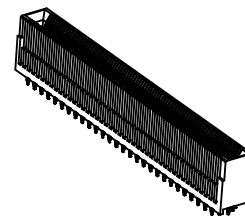
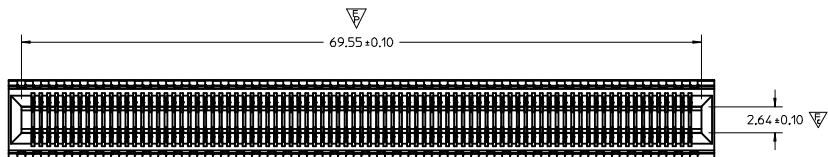
FIRST CIRCUIT



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 MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		▽=0	mm INCH	DRAWN BY DATE RWHIPPLE 2014/09/17	EDGELINE 12.5GB 0.093*PCB 0.8MM PITCH molex DOCUMENT NO. RSD-76693-100	SHEET NO. 1 OF 1	
		▽=0	4 PLACES ± --- ± ---	CHECKED BY DATE MPOFF 2014/09/17			
		▽=0	3 PLACES ± --- ± ---	APPROVED BY DATE SMILLER 2014/09/29			
	2 PLACES ± 0.13 ± ---	MATERIAL NO. SEE TABLE					
		1 PLACE ± 0.25 ± ---	ANGULAR ±1/2°	SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
		0 PLACE ± --- ± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				



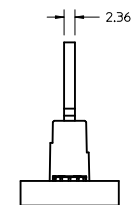
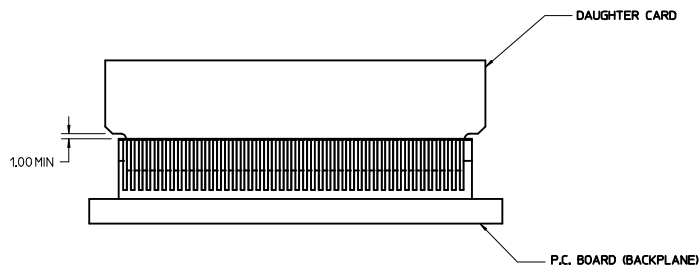
NOTES:

1. MATERIAL:
HOUSING - GLASS FILLED THERMOPLASTIC, 94-V0, BLACK
TERMINALS - COPPER ALLOY
2. 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.
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 DRWN:RWHIPPLE 2014/09/19 CHK:CMPOFF 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

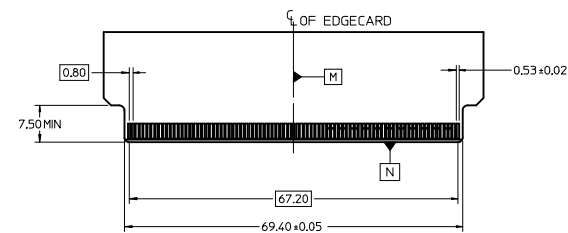
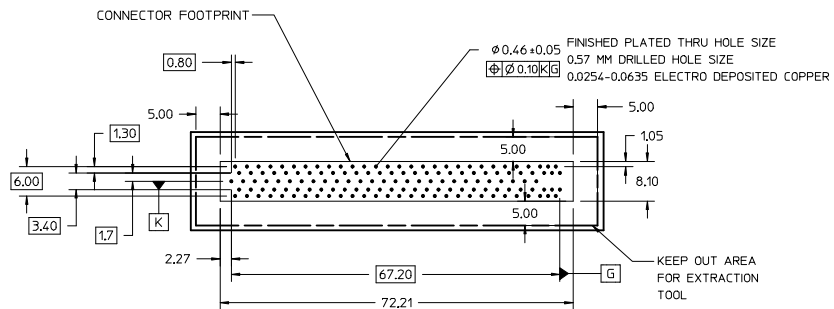
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

P.C. BOARD MOUNTING

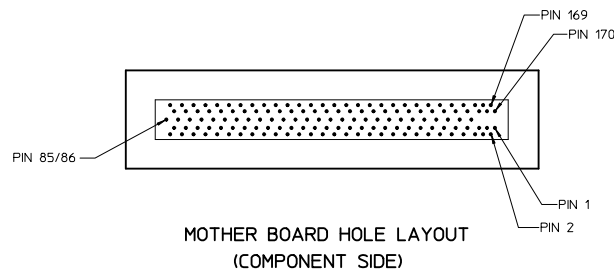


SEE SHEET 1 EC NO: UCP2015-1097 DRAWN BY: RWHIPPLE 2014/09/19 CHECKED BY: MPOFF 2014/09/18 APPR: SMILLER 2014/09/29 REV: A	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0	▽=0	▽=0	mm INCH	MM ONLY	2:1	METRIC	
	▽=0	▽=0	▽=0	4 PLACES ±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

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

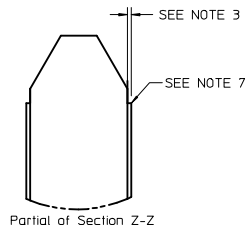
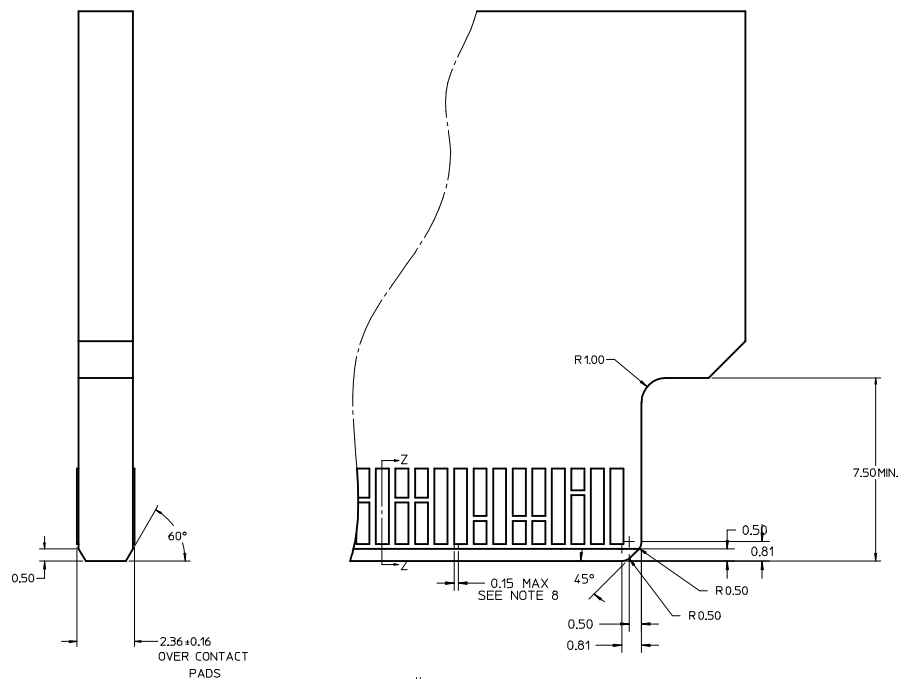
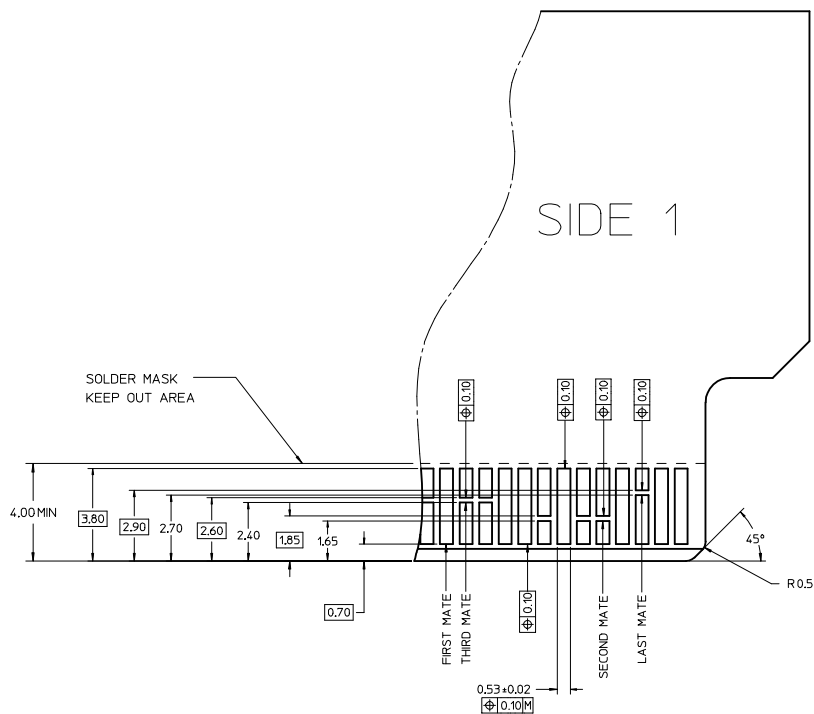


DAUGHTER CARD



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
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						SHEET NO. 3 OF 5

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	DATE: 2014/09/19	DATE: 2014/09/19	DATE: 2014/09/18	DATE: 2014/09/29	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	TITLE			
	▽=0	4 PLACES ± mm ± INCH	MM ONLY	10:1	METRIC	THIRD ANGLE PROJECTION	EDGELINE 12.5GB 170CKTS 0.093"PCB 0.8MM PITCH			4 OF 5
	▽=0	3 PLACES ± 0.15								
▽=0	2 PLACES ± 0.25	ANGULAR ± 2 °	SEE SHEET 1							
	0 PLACE ±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								

76693-170 (70 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
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108					63
107					64
106					65
105					66
104					67
103					68
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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: CHYKOPPOFF 2014/09/18 APPROVED BY: APPRS MILLER 2014/09/29	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH	DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.15 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± --- ± ---	DRAWN BY: RWHIPPLE CHECKED BY: MPOFF APPROVED BY: SMILLER	DATE: 2014/09/19 DATE: 2014/09/18 DATE: 2014/09/29	TITLE EDGELINE 12.5GB 170CKTS 0.093"PCB 0.8MM PITCH	molex		
		ANGULAR ± 2 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE SHEET 1	DOCUMENT NO. RSD-76693-1170	SHEET NO. 5 OF 5	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		