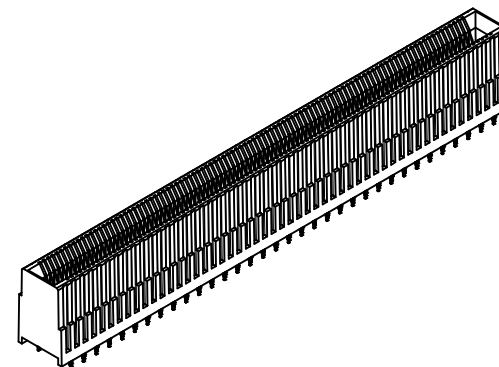
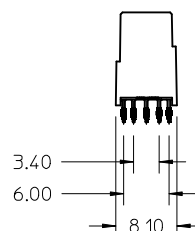
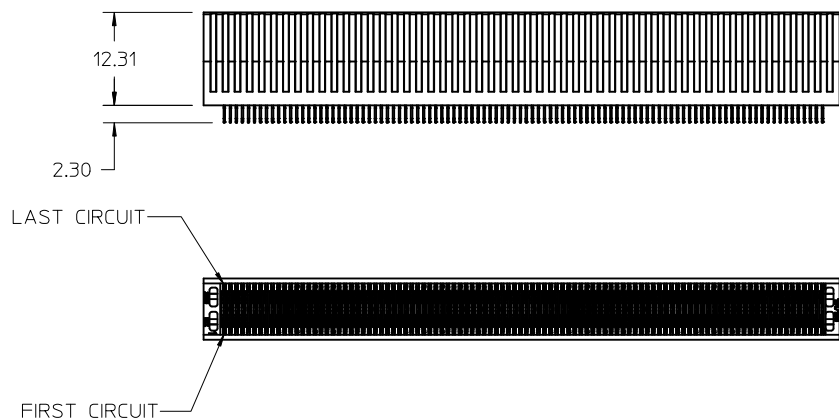


2 BAY EDGE LINE



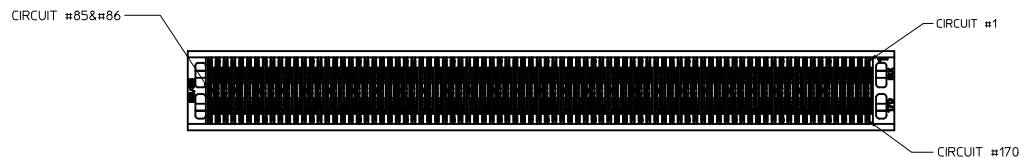
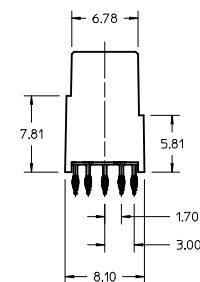
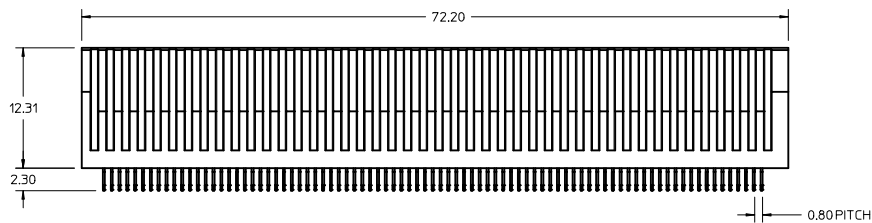
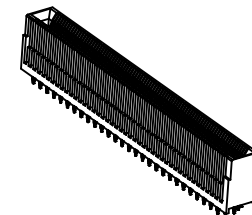
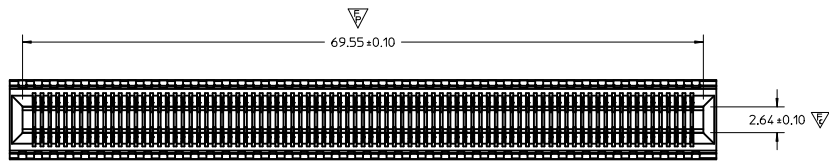
1 BAY EDGE LINE



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	SD-76693-110
76693-2274*	2 BAY	122/172	294	125.03	SD-76693-107
76693-2278	2 BAY	146/132	278	118.63	SD-76693-2278
76693-1200	1 BAY	200	200	84.20	SD-76693-1200
76693-1170	1 BAY	170	170	72.20	SD-76693-103
76693-3170	1 BAY	170	170	72.20	SD-76693-3170

- 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  
\* SPECIAL FINISH:  
CONTACT AREA: HARD GOLD -1.27 $\mu$ 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.
  - 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.
  - 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)
  - 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.

<b>REDRAWN DRAWING</b> EC NO: UCP2011-2702 DRWNG: DROSCA 2011/03/07 CHKD: JCOMERCI 2011/03/28 APPR: JCOMERCI 2011/03/28	QUALITY SYMBOLS $\nabla = 0$ $\nabla = 0$ $\nabla = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± 0.15</td> <td>± 0.006</td> </tr> <tr> <td>3 PLACES</td> <td>± 0.25</td> <td>± 0.010</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.38</td> <td>± 0.015</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.51</td> <td>± 0.020</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± 0.15	± 0.006	3 PLACES	± 0.25	± 0.010	2 PLACES	± 0.38	± 0.015	1 PLACE	± 0.51	± 0.020	DIMENSION STYLE <b>MM ONLY</b> DRAWN BY DATE DROSCA 07/21/08 CHECKED BY DATE JCOMERCI 07/21/08 APPROVED BY DATE JCOMERCI 2010/10/25	SCALE <b>2:1</b> DESIGN UNITS <b>METRIC</b> THIRD ANGLE PROJECTION	TITLE <b>EDGE LINE 12.5GB 0.093"PCB 0.8MM PITCH</b>
		mm	INCH																	
	4 PLACES	± 0.15	± 0.006																	
	3 PLACES	± 0.25	± 0.010																	
2 PLACES	± 0.38	± 0.015																		
1 PLACE	± 0.51	± 0.020																		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. <b>SEE TABLE</b> SIZE <b>C</b>	DOCUMENT NO. <b>MOLEX INCORPORATED</b> <b>SD-76693-100</b>	SHEET NO. <b>1 OF 1</b>															
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	



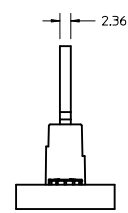
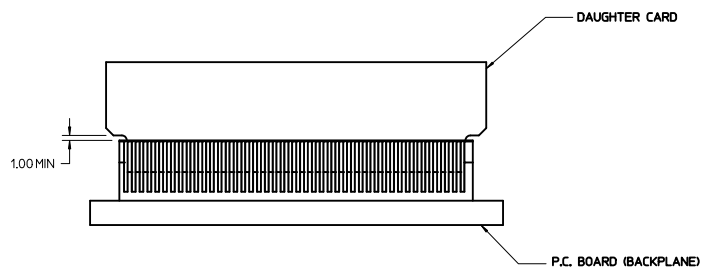
NOTES:

1. MATERIAL:  
HOUSING - GLASS FILLED THERMOPLASTIC, 94-V0, BLACK  
TERMINALS - COPPER ALLOY
2. FINISH:  
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 ENVIRONMENTAL 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.
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)

CORRECTED CRC NO. ERROR EC NO: UCP2011-3551 DRAWN BY: DROSCA CHKD: JCOMERCI APPR: JCOMERCI REV	QUALITY SYMBOLS ▽ = 0 ▽ = 1 ▽ = 1	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>4:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION			
		4 PLACES ± ---	3 PLACES ± ---	2 PLACES ± 0.15	1 PLACE ± 0.25	ANGULAR ± 1/2°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: DROSCA DATE: 12/01/2009 CHECKED BY: JCOMERCI DATE: 12/01/2009 APPROVED BY: JCOMERCI DATE: 2010/11/01	TITLE <b>EDGELINE 12.5GB 170CKTS 0.093"PCB 0.8MM PITCH</b>	MATERIAL NO. <b>766931170</b>

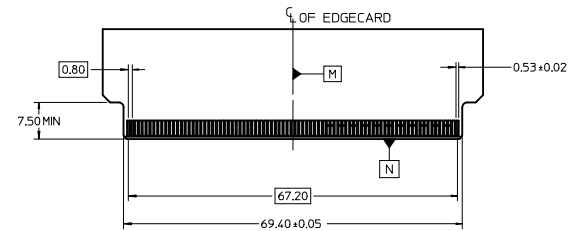
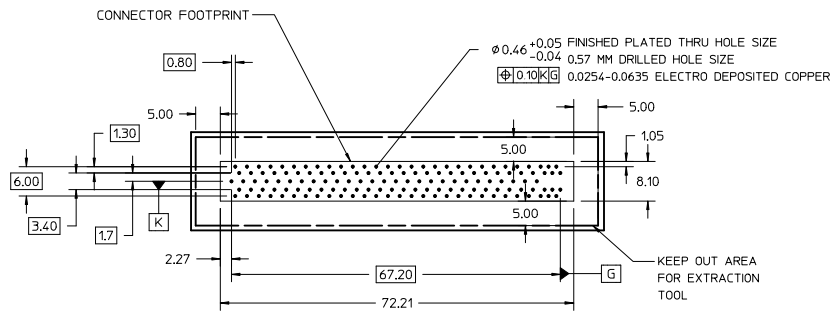
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

# P.C. BOARD MOUNTING

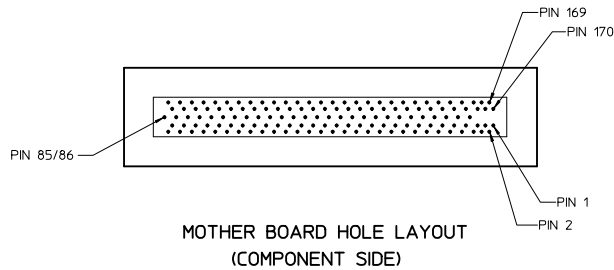


SEE SHEET 1 DEC NO: UCP2011-3551 B3 DRAWN: DROSCA 2011/05/16 CHKD: JCOMERCI 2011/05/16 APPR: JCOMERCI 2011/05/16	QUALITY SYMBOLS	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽ - 0	4 PLACES	mm	MM ONLY	2:1	METRIC	Ⓢ
	▽ - 0	3 PLACES	INCH				
	▽ - 0	2 PLACES					
			ANGULAR ±1/2°				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY DATE DROSCA 12/01/2009		TITLE EDGELINE 12.5GB 170CKTS 0.093"PCB 0.8MM PITCH	
				CHECKED BY DATE JCOMERCI 12/01/2009		MOLEX INCORPORATED	
				APPROVED BY DATE JCOMERCI 2010/11/01			
				WATERL. NO. DATE SEE SHEET 1		DOCUMENT NO. SD-76693-103	
				SIZE D		SHEET NO. 2 OF 5	
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



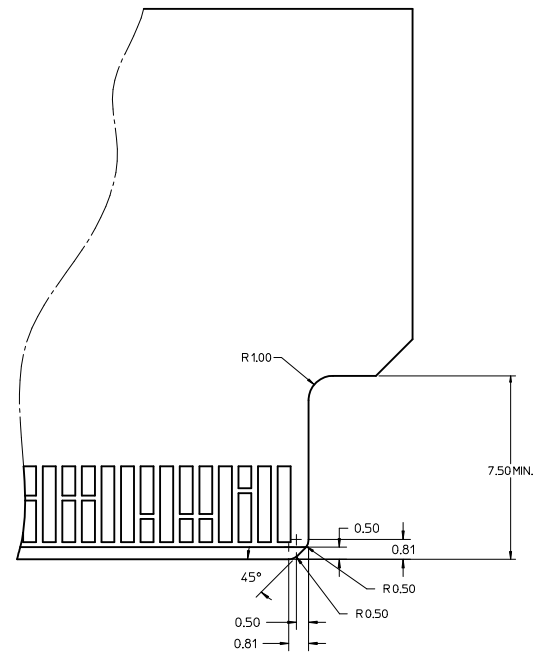
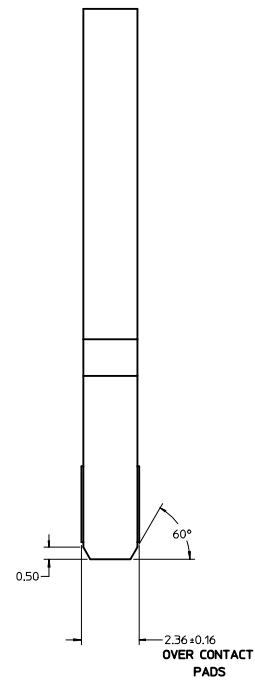
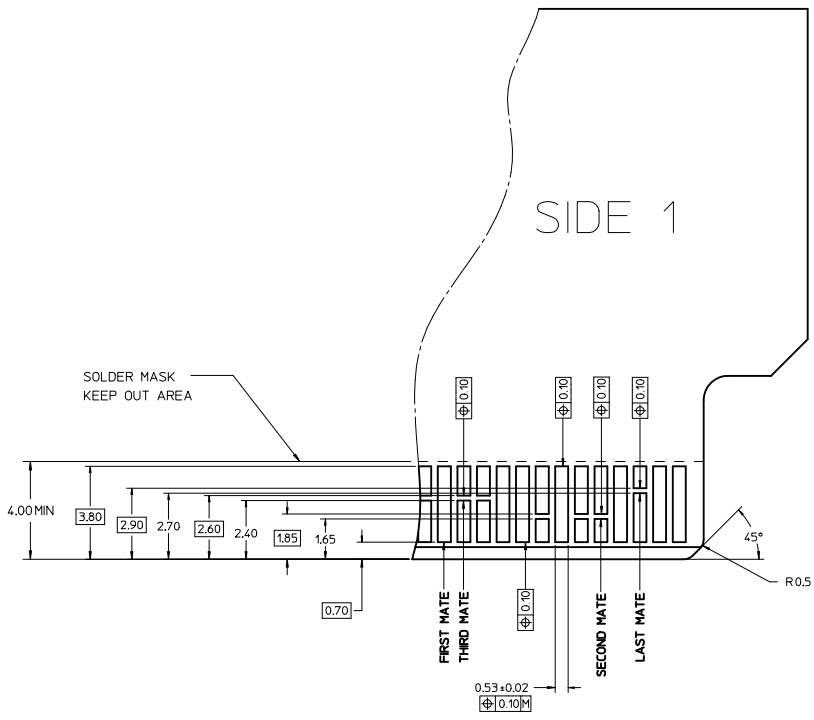
DAUGHTER CARD



MOTHER BOARD HOLE LAYOUT  
(COMPONENT SIDE)

<b>SEE SHEET 1</b> IEC NO. UCP2011-3551 DRAWN BY DROSCA 2011/05/16 CHKD: JCOMERCI 2011/05/16 APPR: JCOMERCI 2011/05/16 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION															
	$\nabla=0$ $\nabla=0$	<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>3 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>2 PLACES</td> <td>±0.15</td> <td>±---</td> </tr> <tr> <td>1 PLACE</td> <td>±0.25</td> <td>±---</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±0.15	±---	1 PLACE	±0.25	±---	MM ONLY	2:1	METRIC	
		mm	INCH																		
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3 PLACES	±---	±---																			
2 PLACES	±0.15	±---																			
1 PLACE	±0.25	±---																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY DATE DROSCA 12/01/2009 CHECKED BY DATE JCOMERCI 12/01/2009 APPROVED BY DATE JCOMERCI 2010/11/01	TITLE <b>EDGE LINE 12.5GB 170CKTS</b> <b>0.093"PCB 0.8MM PITCH</b>																			
WATERL. NO. <b>SEE SHEET 1</b> SIZE <b>D</b>	DOCUMENT NO. <b>SD-76693-103</b>		MOLEX INCORPORATED		SHEET NO. <b>3 OF 5</b>																

# MODULE EDGE CARD CONTACT DETAIL



- 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. UCP2011-3551 DRAWN BY DROSCA 2011/05/16 CHKD: JCOMERCI 2011/05/16 APPR: JCOMERCI 2011/05/16 REV DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>3 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>2 PLACES</td> <td>±0.15</td> <td>±---</td> </tr> <tr> <td>1 PLACE</td> <td>±0.25</td> <td>±---</td> </tr> </tbody> </table> ANGULAR ±1/2°			mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±0.15	±---	1 PLACE	±0.25	±---	DIMENSION STYLE MM ONLY	SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH																				
4 PLACES	±---	±---																					
3 PLACES	±---	±---																					
2 PLACES	±0.15	±---																					
1 PLACE	±0.25	±---																					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY DROSCA DATE 12/01/2009	CHECKED BY JCOMERCI DATE 12/01/2009	APPROVED BY JCOMERCI DATE 2010/11/01	MATERIAL NO. SEE SHEET 1	DOCUMENT NO. SD-76693-103	TITLE EDGELINE 12.5GB 170CKTS 0.093"PCB 0.8MM PITCH	SHEET NO. 4 OF 5																

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

76693-170 170 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
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137				34
136				35
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
118				53
117				54
116				55
115				56
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 DEC NO. UCP2011-3551 DRAWN BY DROSCA 2011/05/16 CHKD BY COMERCI 2011/05/16 APPR. JCOMERCI 2011/05/16 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0 ▽=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.15 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ±1/2°	MM ONLY	4:1	METRIC	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY DATE DROSCA 12/01/2009 CHECKED BY DATE JCOMERCI 12/01/2009 APPROVED BY DATE JCOMERCI 2010/11/01	TITLE EDGELINE 12.5GB 170CKTS 0.093"PCB 0.8MM PITCH			
	WATERL. NO. SEE SHEET 1 SIZE D	DOCUMENT NO. SD-76693-103 SHEET NO. 5 OF 5	MOLEX INCORPORATED			