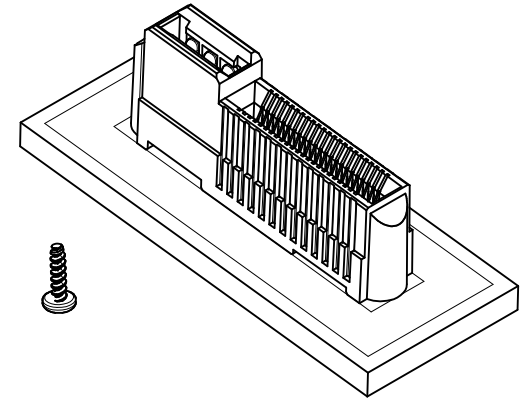
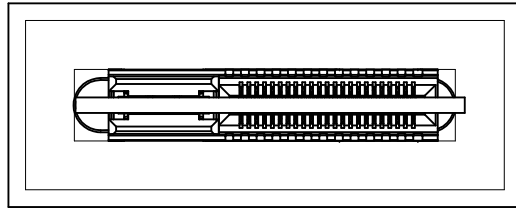
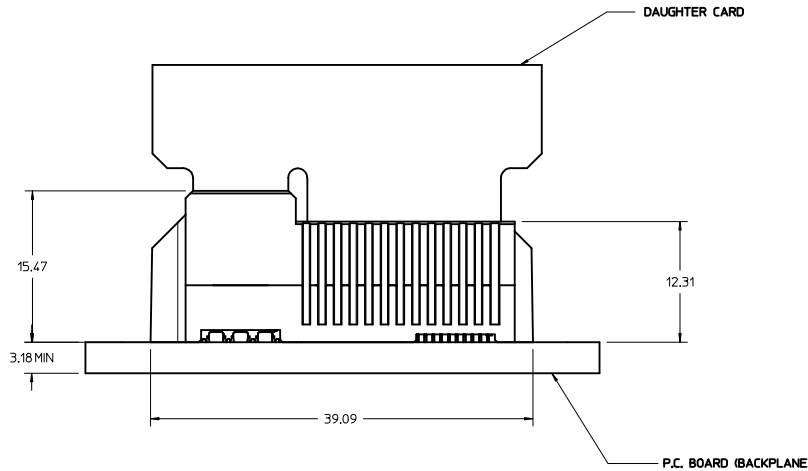


P.C. BOARD MOUNTING



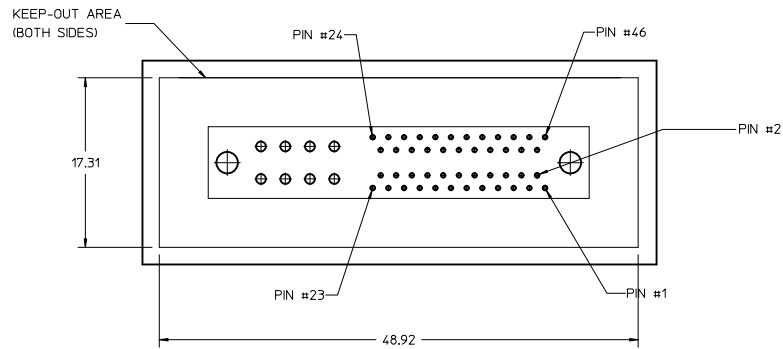
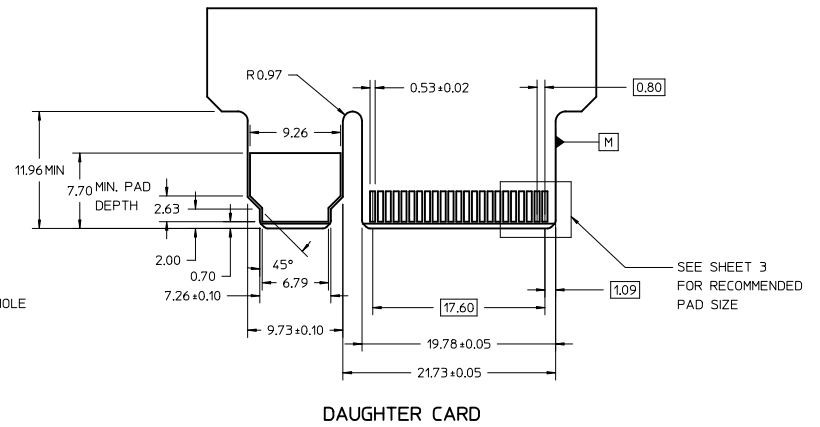
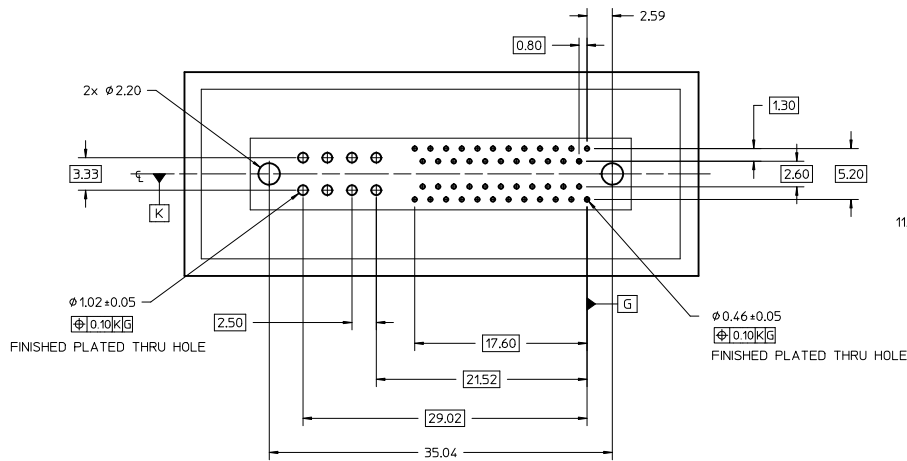
M1.8x8
 THREAD-FORMING SCREW
 SUGGESTED SOURCE:
 ACUMENT
 6125 EIGHTEEN MILE ROAD
 STERLING HEIGHTS, MICHIGAN 48314
 TEL.: 1.800.544.6117
 P/N: 3BTP8567-00
 (NOT SUPPLIED BY MOLEX)



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 - 0.76/152µm OVER NICKEL
3. REFER TO PS-76861-100 PRODUCT SPECIFICATION FOR ALL
 ELECTRICAL, MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS.
4. REFER TO PK-76861-900 FOR ALL PACKAGING SPECIFICATIONS.
5. PROCESSING: PRESSFIT TO PC BOARD.
6. MATING PC BOARD THICKNESS = 1.60±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)
8. THIS PART CONFORMS TO CLASS B REQUIREMENTS
 OF COSMETIC SPEC PS-45499-002
9. MAXIMUM SCREW TORQUE FORCE 0.12Nm.

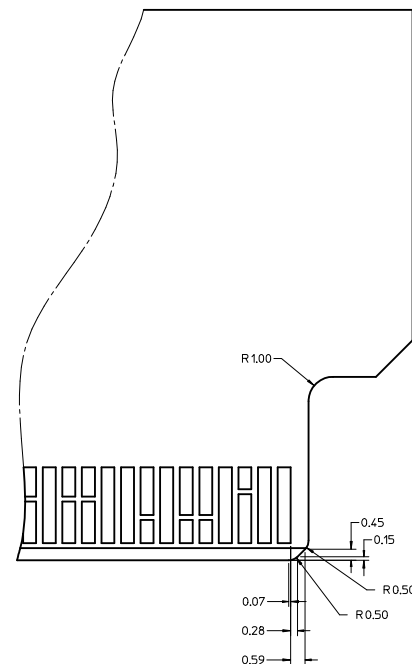
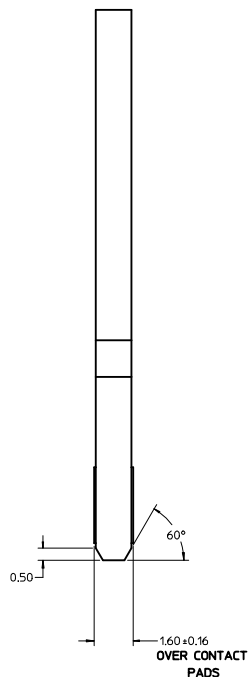
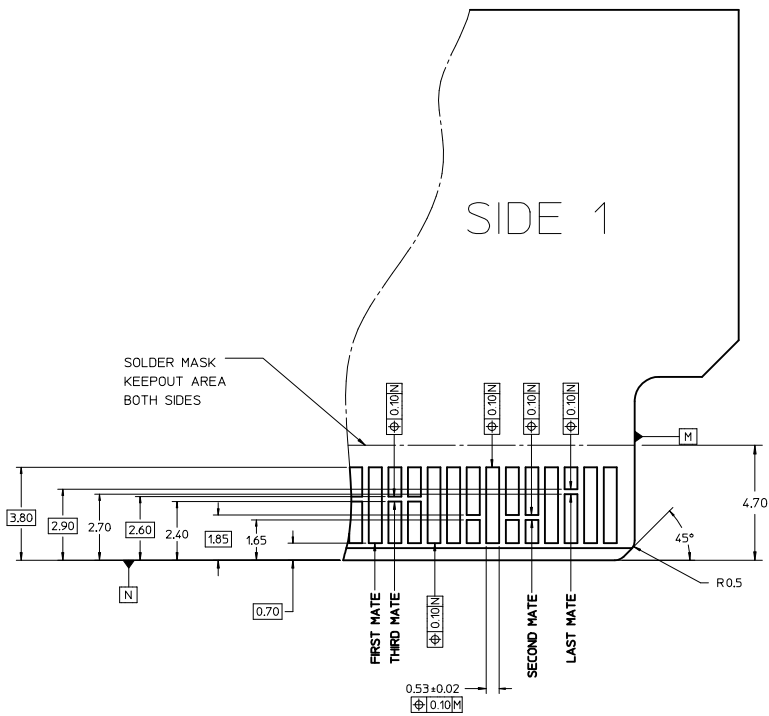
ADDED BOTH SIDES KEEP OUT IEC NO. UCP2011-3558 DRAWN BY DROSCA 2011/05/16 CHECKED BY JCOMERCI 2011/05/16 APPR. BY JCOMERCI 2011/05/16 REV. DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽-0	4 PLACES ± --- ± ---	mm INCH	DRAWN BY DATE DROSCA 12/02/2008	TITLE EDGELINE+LPH 12.5GB 0.062"PCB/0.8MM PITCH 46 CKTS	
	▽-0	3 PLACES ± --- ± ---		CHECKED BY DATE JCOMERCI 12/02/2008	MOLEX INCORPORATED MATERIAL NO. 76861-1000 DOCUMENT NO. SD-76861-100 SHEET NO. 1 OF 4	
	▽-0	2 PLACES ± 0.13 ± ---		APPROVED BY DATE JCOMERCI 2009/08/04		
▽-0	1 PLACE ± 0.25 ± ---	ANGULAR ±1/2°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			



MOTHER BOARD HOLE LAYOUT
(COMPONENT SIDE)

SEE SHEET 1 IEC NO. UCP2011-3558 DRAWN BY DROSICA 2011/05/16 CHKD./COMERCI 2011/05/16 APPR./COMERCI 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>±0.13</td> <td>±0.005</td> </tr> <tr> <td>3 PLACES</td> <td>±0.25</td> <td>±0.010</td> </tr> <tr> <td>2 PLACES</td> <td>±0.50</td> <td>±0.020</td> </tr> <tr> <td>1 PLACE</td> <td>±1.00</td> <td>±0.040</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	±0.13	±0.005	3 PLACES	±0.25	±0.010	2 PLACES	±0.50	±0.020	1 PLACE	±1.00	±0.040	MM ONLY	4:1	METRIC	
		mm	INCH																		
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	<table border="1"> <thead> <tr> <th>DATE</th> <th>BY</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td>12/02/2008</td> <td>DROSICA</td> <td>12/02/2008</td> <td>JCOMERCI</td> </tr> <tr> <td>2009/08/04</td> <td>JCOMERCI</td> <td></td> <td></td> </tr> </tbody> </table>	DATE	BY	DATE	BY	12/02/2008	DROSICA	12/02/2008	JCOMERCI	2009/08/04	JCOMERCI			<table border="1"> <tr> <td>WATERL. NO.</td> <td>DOCUMENT NO.</td> </tr> <tr> <td>SEE SHEET 1</td> <td>SD-76861-100</td> </tr> </table>	WATERL. NO.	DOCUMENT NO.	SEE SHEET 1	SD-76861-100	TITLE EDGELINE+LPH 12.5GB 0.062"PCB/0.8MM PITCH 46 CKTS	MOLEX INCORPORATED	
DATE	BY	DATE	BY																		
12/02/2008	DROSICA	12/02/2008	JCOMERCI																		
2009/08/04	JCOMERCI																				
WATERL. NO.	DOCUMENT NO.																				
SEE SHEET 1	SD-76861-100																				
						SHEET NO. 2 OF 4															

MODULE EDGE CARD CONTACT DETAIL



RECOMMENDED PLATING:
GOLD 30±INCHES
OVER 150±INCHES
NICKEL

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 IEC NO. UCP2011-3558 DRAWN BY: DROSCA 2011/05/16 CHKD: JCOMERCI 2011/05/16 APPR: JCOMERCI 2011/05/16	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0 ▽=0	mm INCH	MM ONLY 10:1 METRIC	DRAWN BY: DROSCA CHECKED BY: JCOMERCI APPROVED BY: JCOMERCI	DATE: 12/02/2008 DATE: 12/02/2008 DATE: 2009/08/04	TITLE: EDGELINE+LPH 12.5GB 0.062"PCB/0.8MM PITCH 46 CKTS
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE SHEET 1	MATERIAL NO. SD-76861-100	DOCUMENT NO. SD-76861-100	SHEET NO. 3 OF 4		

LEGEND EDGELINE 46 CIRCUITS / 0.062"PCB						
COMPONENT SIDE 1			COMPONENT SIDE 2			
PIN NO.	SIGNAL	ALLEGRO PIN NO.	SIGNAL	PIN NO.		
46	GND	○	SIGNAL 1	1		
45	SATA0_TX_P	○	SIGNAL 2	2		
44	SATA0_TX_N	○	SIGNAL 3	3		
43	GND	○	SIGNAL 4	4		
42	SATA0_RX_N	○	SIGNAL 5	5		
41	SATA0_RX_P	○	SIGNAL 6	6		
40	GND	○	PSV_STBY1	7		
39	SATA1_TX_P	○	SIGNAL 7	8		
38	SATA1_TX_N	○	SIGNAL 8	9		
37	GND	○	SIGNAL 9	10		
36	SATA1_RX_N	○	SIGNAL 10	11		
35	SATA1_RX_P	○	SIGNAL 11	12		
34	GND	○	SIGNAL 12	13		
33	SATA2_TX_P	○	SIGNAL 13	14		
32	SATA2_TX_N	○	SIGNAL 14	15		
31	GND	○	PSV_STBY2	16		
30	SATA2_RX_N	○	SIGNAL 15	17		
29	SATA2_RX_P	○	SIGNAL 16	18		
28	GND	○	GND	19		
27	SATA3_TX_P	○	SATA3_RX_P	20		
26	SATA3_TX_N	○	SATA3_RX_N	21		
25	GND	○	GND	22		
24	RESERVE	○	RESERVE	23		
POWER	LPH POWER, 2 CIRCUIT					RETURN

SEE SHEET 1 IEC NO: UCP2011-3558 DRAWN BY: DROSCA 2011/05/16 CHKD: JCOMERCI 2011/05/16 APPR: JCOMERCI 2011/05/16 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION															
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	WATERL NO: SEE SHEET 1 SIZE: D	DOCUMENT NO: SD-76861-100 SHEET NO: 4 OF 4																			
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					