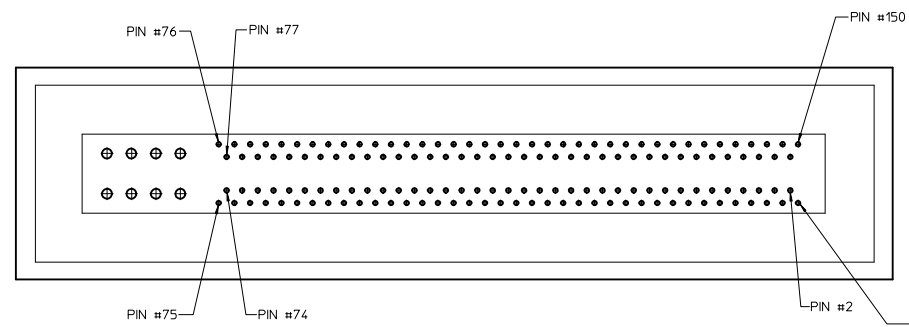
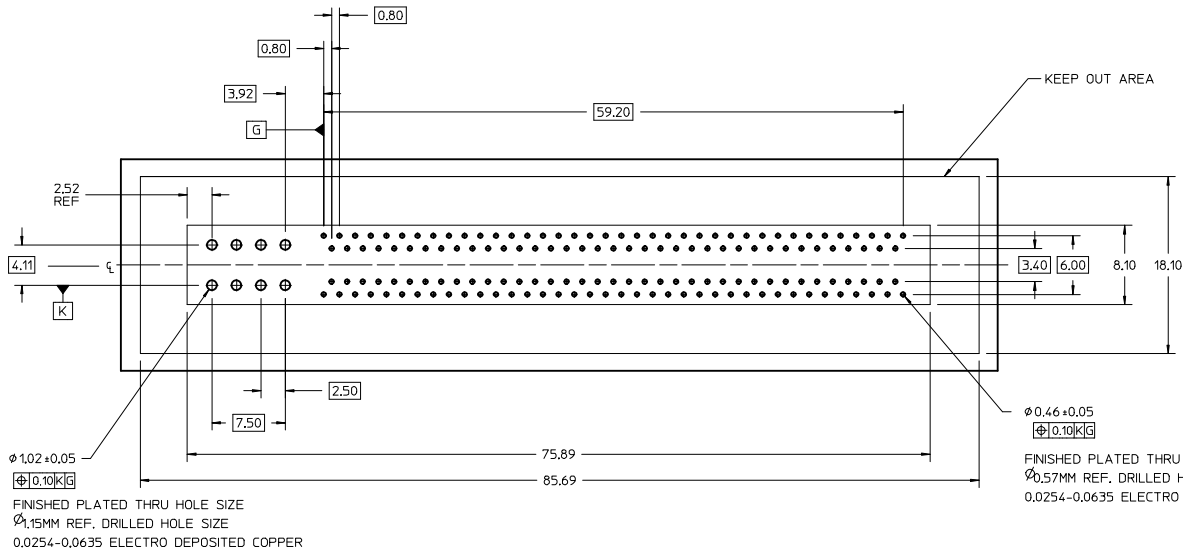


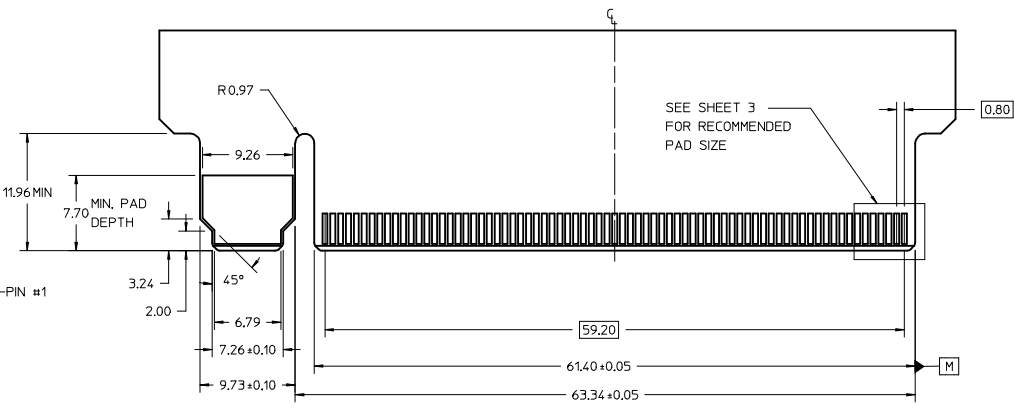
NOTES:

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 - 0.76/1.52µm OVER NICKEL
3. REFER TO PS-76861-100 PRODUCT SPECIFICATION FOR ALL ELECTRICAL, MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS.
4. REFER TO PK-170545-5000 FOR ALL PACKAGING SPECIFICATIONS.
5. PROCESSING: PRESSFIT TO PC BOARD.
6. MATING PC BOARD THICKNESS = 2.36±10% OVER CONTACT PADS.
7. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002

CORRECT 10% TOLERANCE IEC NO: UCP2017-1945 DRAWN BY: DRWNRPOFF CHECKED BY: CHYKDMORGAN APPR: KLANG 2017/03/09 2017/03/09 2017/03/15	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ± mm ± INCH	MM ONLY	4:1	METRIC	
	▽=2	3 PLACES ± 0.13 ± 0.25				
	▽=0	1 PLACE ± 0.25				
		ANGULAR ± 2 °	DRAWN BY: DROSCA	DATE: 2010/05/17	TITLE: ESP 150 CKTS, 0.093"PCB 0.8MM PITCH 1 POWER BAY	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	CHECKED BY: JCOMERC I	DATE: 2010/05/18	DOCUMENT NO. SD-170545-1150	
			APPROVED BY: JCOMERC I	DATE: 2010/12/03	SHEET NO. 1 OF 4	
			MATERIAL NO. 1705451150		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	



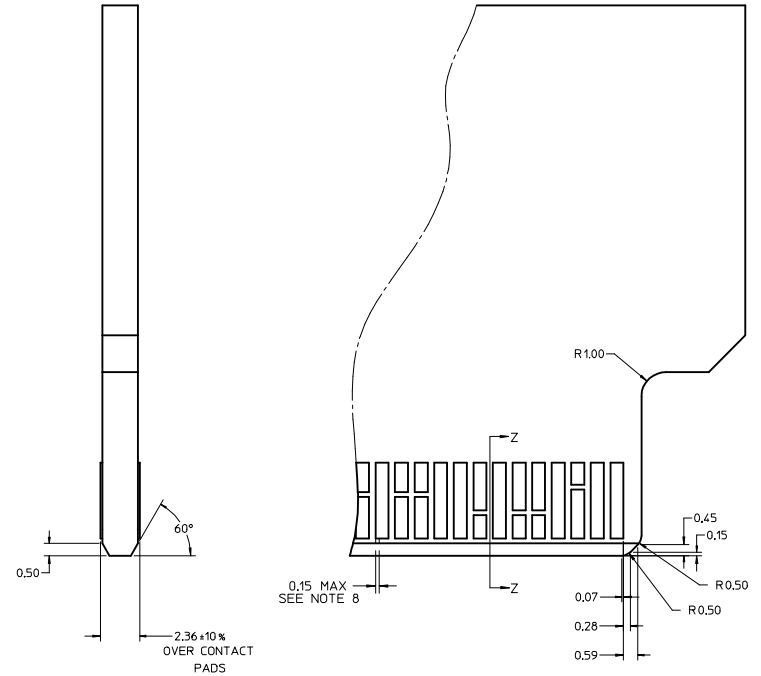
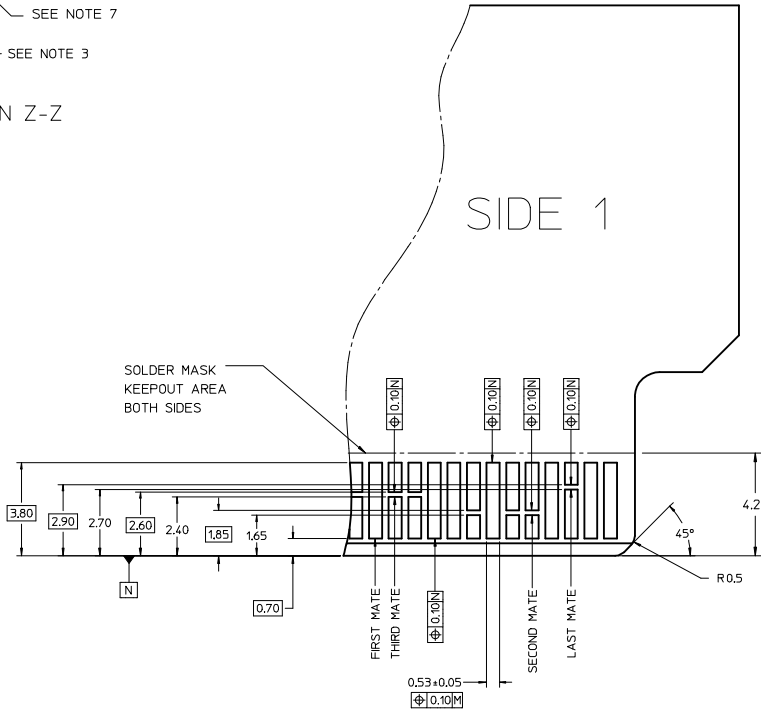
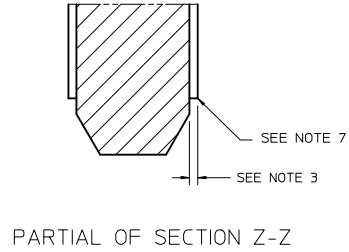
MOTHER BOARD HOLE LAYOUT  
(COMPONENT SIDE)



DAUGHTER CARD

SEE SHEET 1 IEC NO. UCP2017-1945 DRAWN BY CHYKDMORF 2017/03/09 CHECKED BY CHYKDMORF 2017/03/09 APPR: KLANG 2017/03/15 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	4:1	METRIC	☉
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DROSCA DATE 2010/05/17	TITLE	ESP 150 CKTS. 0.093"PCB 0.8MM PITCH 1 POWER BAY	
	▽=0	3 PLACES ± 0.13 ± ---	CHECKED BY JCOMERCI DATE 2010/05/18	<b>molex</b> MATERIAL NO. SEE SHEET 1 DOCUMENT NO. SD-170545-1150 SHEET NO. 2 OF 4		
▽=0	2 PLACES ± 0.25 ± ---	APPROVED BY JCOMERCI DATE 2010/12/03				
	0 PLACE ± ±	ANGULAR ± 2 °	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

# MODULE EDGE CARD CONTACT DETAIL



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

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.

SEE SHEET 1 IEC NO: UCP2017-1945 DRAWN BY: DRYNAPROFF 2017/03/09 CHECKED BY: CHYKOBORGAN 2017/03/09 APPROVED BY: APPR:KLANG 2017/03/15	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>10:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION
		4 PLACES ± --- mm ± --- INCH 3 PLACES ± --- mm ± --- INCH 2 PLACES ± 0.13 mm ± --- INCH 1 PLACE ± 0.25 mm ± --- INCH 0 PLACE ± --- mm ± --- INCH	DRAWN BY: DROSCA DATE: 2010/05/17 CHECKED BY: JCOMERCI DATE: 2010/05/18 APPROVED BY: JCOMERCI DATE: 2010/12/03	TITLE <b>ESP 150 CKTS, 0.093"PCB 0.8MM PITCH 1 POWER BAY</b>		MATERIAL NO. <b>SEE SHEET 1</b>	DOCUMENT NO. <b>SD-170545-1150</b>
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							

170545-1150 LEGEND ESP 150 CIRCUITS / 0.093"PCB					
COMPONENT SIDE 1			COMPONENT SIDE 2		
PIN NO.	SIGNAL	ALLEGRO PIN NO.	SIGNAL	PIN NO.	
150					1
149					2
148					3
147					4
146					5
145					6
144					7
143					8
142					9
141					10
140					11
139					12
138					13
137					14
136					15
135					16
134					17
133					18
132					19
131					20
130					21
129					22
128					23
127					24
126					25
125					26
124					27
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122					29
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119					32
118					33
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113					38
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108					43
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87					64
86					65
85					66
84					67
83					68
82					69
81					70
80					71
79					72
78					73
77					74
76					75

POWER  
 POWER. 2 CIRCUIT  
 RETURN

SEE SHEET 1 IEC NO: UICP2017-1945 DRAWN BY: 2017/03/09 CHKD:DMORGAN 2017/03/09 APPR:KLANG 2017/03/15	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	∇=0 ∇=0 ∇=0	4 PLACES ± mm 3 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACE ±	mm INCH ANGULAR ± 2 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MM ONLY DATE DATE DATE	4:1	METRIC	DATE DATE DATE
	MATERIAL NO. DATE DATE DATE DROSCA 2010/05/17 JCOMERC I 2010/05/18 JCOMERC I 2010/12/03			TITLE ESP 150 CKTS, 0.093"PCB 0.8MM PITCH 1 POWER BAY		DOCUMENT NO. SD-170545-1150	SHEET NO. 4 OF 4

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