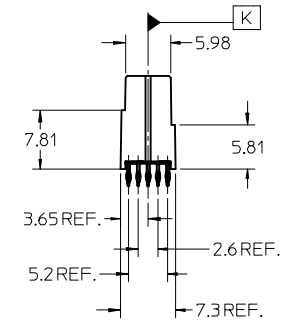


NOTES:

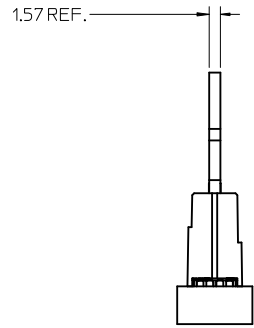
1. MATERIAL:  
HOUSING - GLASS FILLED THERMOPLASTIC, 94-V0, BLACK  
TERMINALS - BRASS
2. FINISH:  
CONTACT AREA: HARD GOLD -0.76μm MIN OVER 3.80μ NICKEL  
COMPLIANT AREA: TIN - 0.76/1.52μm OVERALL NICKEL
3. REFER TO PS-75594-999 PRODUCT SPECIFICATION FOR ALL ELECTRICAL, MECHANICAL AND ENVIROMENTAL SPECIFICATIONS.
4. REFER TO PK-75594-999 FOR ALL PACKAGING SPECIFICATIONS.
5. PROCESSING: PRESSFIT TO PC BOARD.
6. IN ORDER TO PROVIDE OPTIMAL ELECTRICAL PERFORMANCE, THE MATING BOARD MUST MEET REQUIREMENTS OF AMC.0 R2 SPECIFICATION.
7. MATING PC BOARD THICKNESS = 1.60±0.16MM OVER CONTACT PADS.



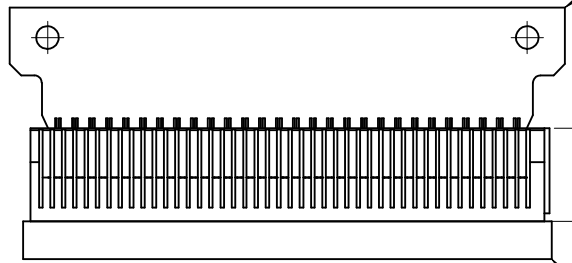
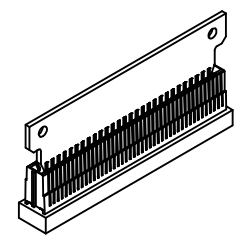
ADDED PAGE 3 EC NO: UCP2009-2429 DRWN: DROSCA 2009/05/18 CHKD: 2009/05/20 APPR: JCOMERCI 2009/05/20	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY DROSCA	DATE 04/28/2008	TITLE <b>SALES ASSEMBLY                  EDGE CARD, 75 MM PITCH                  170 CIRCUIT</b>			
		4 PLACES ± ---	± ---	± ---	CHECKED BY JCOMERCI	DATE 04/28/2008				
		3 PLACES ± ---	± ---	± ---	APPROVED BY JCOMERCI	DATE 04/28/2008	MOLEX INCORPORATED DOCUMENT NO. SD-75594-001		SHEET NO. 1 OF 3	
2 PLACES ± 0.13	± ---	± ---	MATERIAL NO. <b>755940000</b>							
1 PLACE ± 0.25	± ---	± ---	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					
ANGULAR ± 1/2°										



DAUGHTER CARD

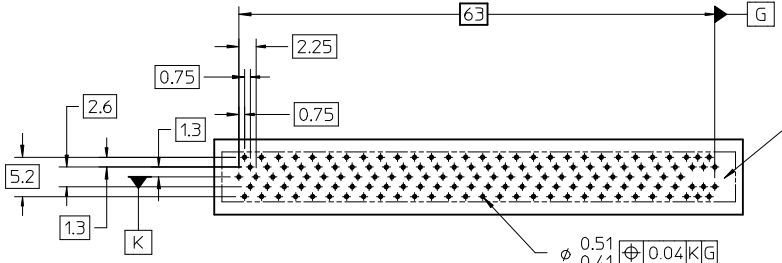


1.57 REF.



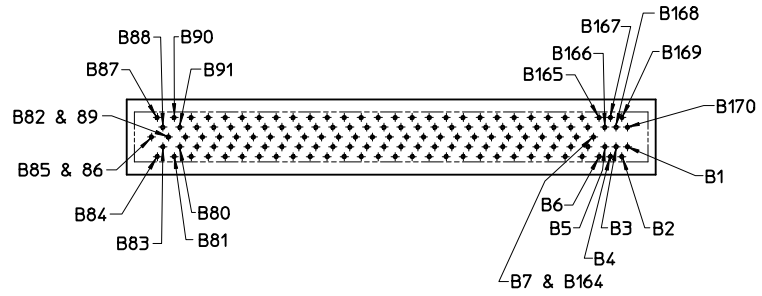
P.C. BOARD (BACKPLANE)

12.31 REF.

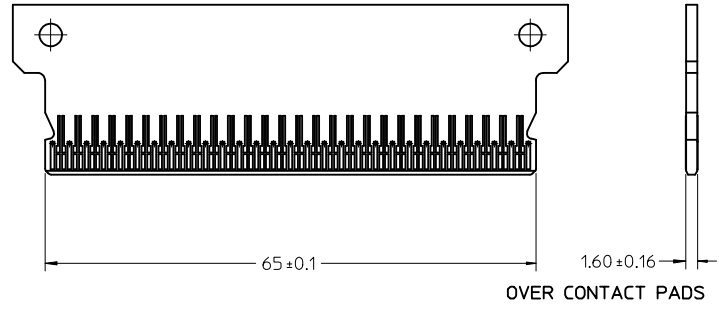


Note:  
The holes located down the center are omitted within the last twelve circuit positions.  
The center to center array remains constant.

$\phi$  0.51  
0.41  $\pm$  0.04 K/G  
FINISHED PLATED THRU HOLE SIZE  
0.57 MM DRILLED HOLE SIZE  
0.0254-0.0635 ELECTRO DEPOSITED COPPER



MOTHER BOARD HOLE LAYOUT



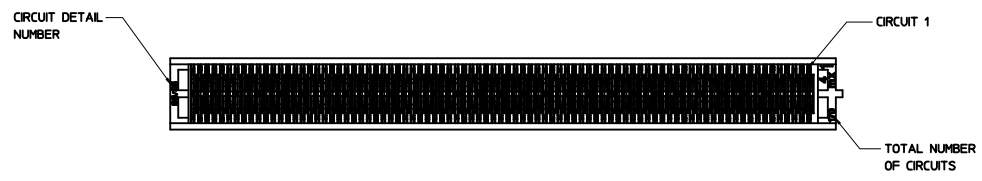
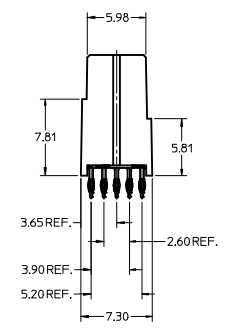
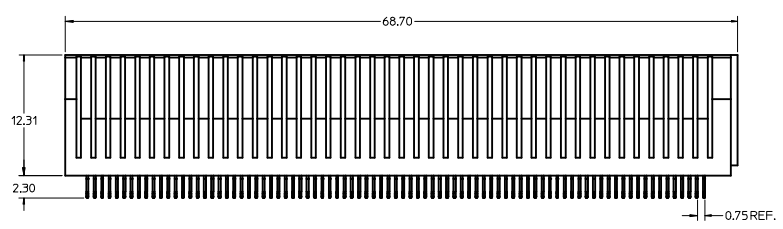
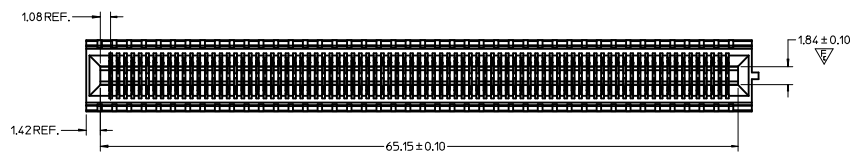
DAUGHTER CARD  
SEE SPECIFICATION AMC.0 R2

SEE SHEET 1 IEC NO: UCP2009-2429 2009/05/18 DRWN: DROSCA 2009/05/20 CHKD: APPR: JCOMERCI 2009/05/20	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± 0.13 ± ---	1 PLACE ± 0.25 ± ---	DRAWN BY DROSCA	DATE 04/28/2008	TITLE SALES ASSEMBLY EDGE CARD, 75 MM PITCH 170 CIRCUIT			
		ANGULAR ± 1/2°				APPROVED BY JCOMERCI	DATE 04/28/2008	MOLEX INCORPORATED			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO. SEE SHEET 1	DOCUMENT NO. SD-75594-001	SHEET NO. 2 OF 3			

75594-0000 LEGEND 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
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

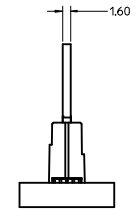
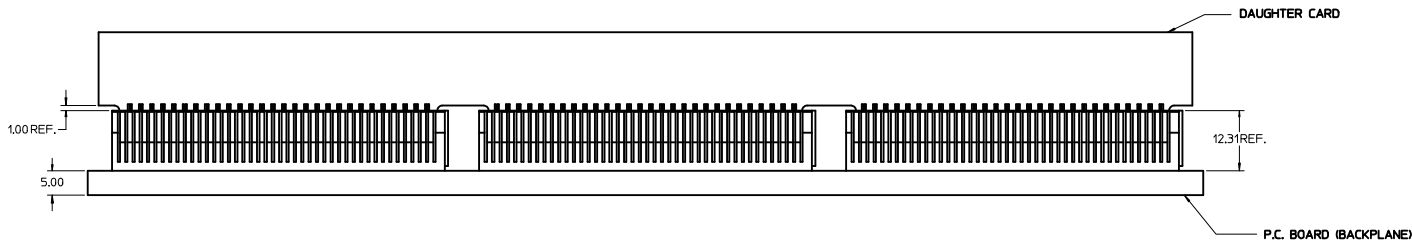
SEE SHEET 1 EC NO: UCP2009-2429 DRW: DROS CHKD: JCOMERC I APPR: JCOMERC I 2009/05/18 2009/05/20 2009/05/20	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .005</td> <td>± .0002</td> </tr> <tr> <td>3 PLACES</td> <td>± .005</td> <td>± .0002</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .005</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .010</td> </tr> </table> ANGULAR ±1/2°		mm	INCH	4 PLACES	± .005	± .0002	3 PLACES	± .005	± .0002	2 PLACES	± 0.13	± .005	1 PLACE	± 0.25	± .010	DIMENSION STYLE <b>MM ONLY</b> DRAWN BY DATE DROS CA 04/28/2008 CHECKED BY DATE JCOMERC I 04/28/2008 APPROVED BY DATE JCOMERC I 04/28/2008	SCALE <b>1:1</b> DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE SALES ASSEMBLY EDGE CARD, 75 MM PITCH 170 CIRCUIT
		mm	INCH																	
	4 PLACES	± .005	± .0002																	
	3 PLACES	± .005	± .0002																	
2 PLACES	± 0.13	± .005																		
1 PLACE	± 0.25	± .010																		
MATERIAL NO. <b>SEE SHEET 1</b>	DOCUMENT NO. SD-75594-001	SHEET NO. 3 OF 3																		
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																	
REV: D1	DESCRIPTION																			



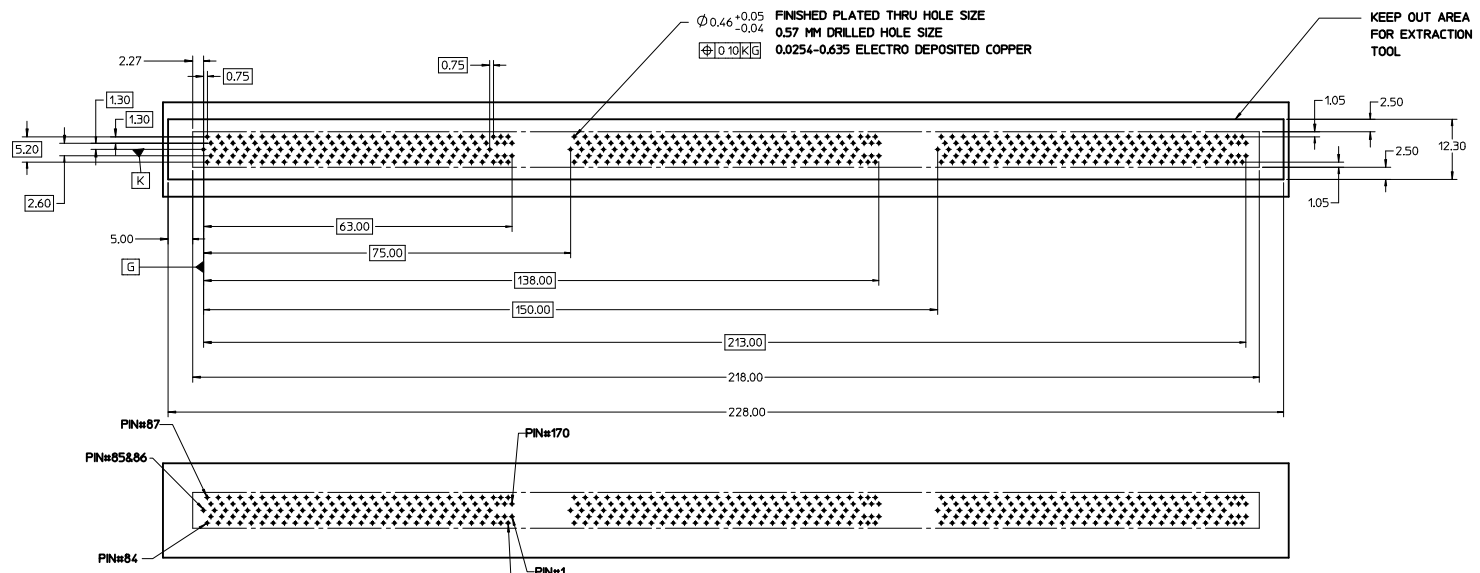
- NOTES:
- MATERIAL:  
HOUSING - GLASS FILLED THERMOPLASTIC, 94-VO, BLACK  
TERMINALS - COPPER ALLOY
  - FINISH:  
TERMINALS - 0.76 MICRONS MINIMUM GOLD IN THE CONTACT AREA AND 0.76 - 152 MICRONS TIN IN PRESSFIT TAIL AREA OVER 1.27 MICRONS MINIMUM NICKEL OVERALL.
  - REFER TO PS-76421-001 PRODUCT SPECIFICATION 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 = 1.60±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)

INITIAL RELEASE EC NO: UCP2009-1091 DRAWN: DROSCA CHKD: JCOMERCI APPR: JCOMERCI REV DESCRIPTION	2008/12/05	2008/12/05	2008/12/09	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
				▽ = 0	4 PLACES ± 0.13	MM ONLY	4:1	METRIC	
				▽ = 1	3 PLACES ± 0.25				
				▽ = 1	1 PLACE ± 0.25				
					ANGULAR ± 1/2°				
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
						DRAWN BY	DATE	TITLE	
						DROSCA	10/27/2008	EDGE LINE 12.5GB 0.062"PCB/0.75MM PITCH 170 CIRCUITS	
						CHECKED BY	DATE		
						JCOMERCI	10/27/2008		
						APPROVED BY	DATE		
						JCOMERCI	10/27/2008		
						MATERIAL NO.	DOCUMENT NO.		SHEET NO.
						755940000	SD-75594-002		1 OF 5
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

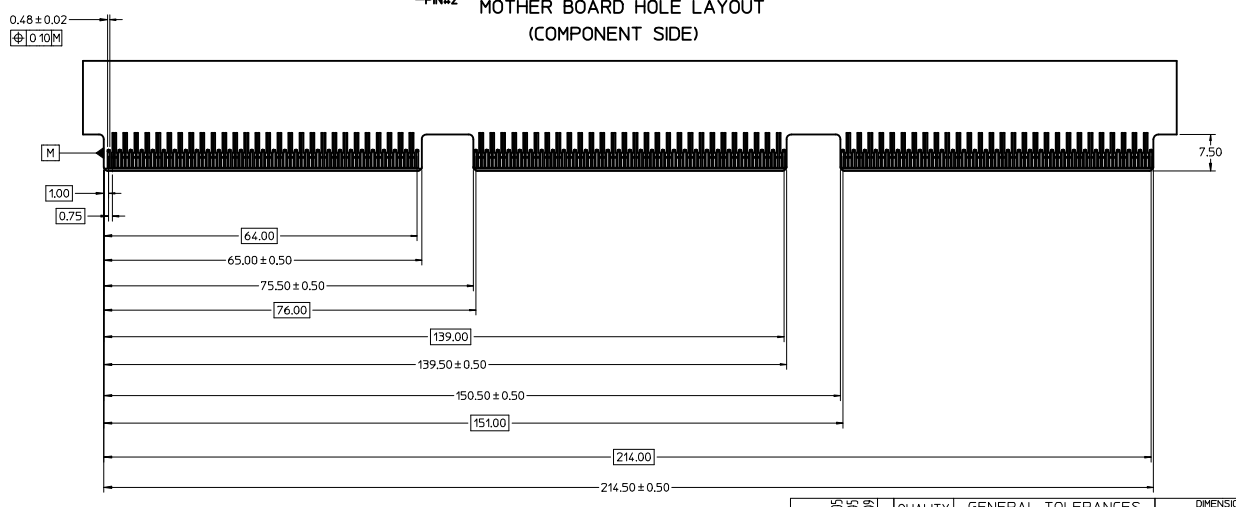
# P.C. BOARD MOUNTING



SEE SHEET 1 IEC NO: UCP2009-1091 UJ DRWN: DROSCA 2008/12/05 CHKD: JCOMERCI 2008/12/05 APPR: JCOMERCI 2008/12/09	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>2:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION
	▽ - 0	4 PLACES ± --- ± ---	DRAWN BY DROSCA	DATE 10/27/2008	TITLE <b>EDGE LINE 12.5GB 0.062"PCB/0.75MM PITCH 170 CIRCUITS</b>	
	▽ - 0	3 PLACES ± --- ± ---	CHECKED BY JCOMERCI	DATE 10/27/2008	<b>MOLEX INCORPORATED</b>	
	▽ - 0	2 PLACES ± 0.13 ± ---	APPROVED BY JCOMERCI	DATE 10/27/2008	WATERMARK NO. <b>SEE SHEET 1</b>	DOCUMENT NO. <b>SD-75594-002</b>
	▽ - 0	1 PLACE ± 0.25 ± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			
		ANGULAR ±1/2°	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

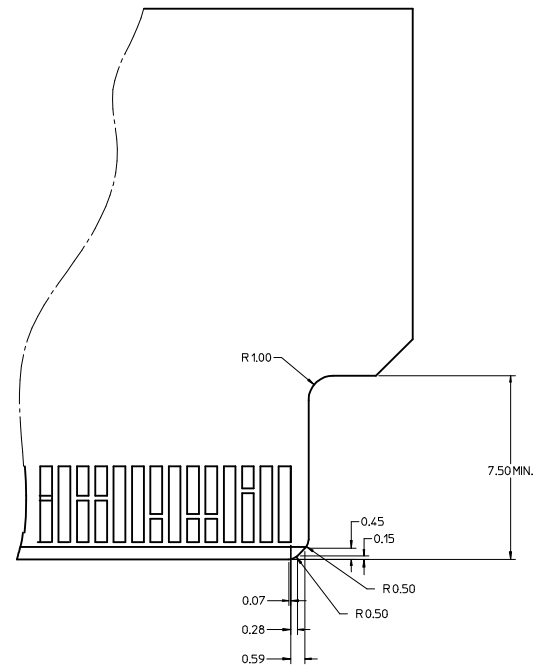
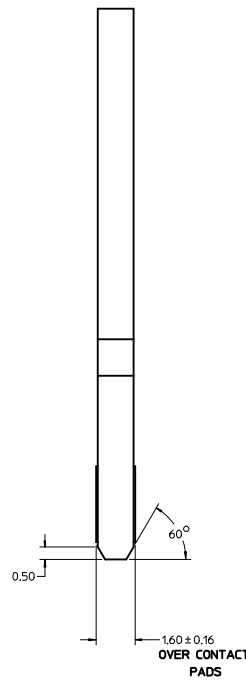
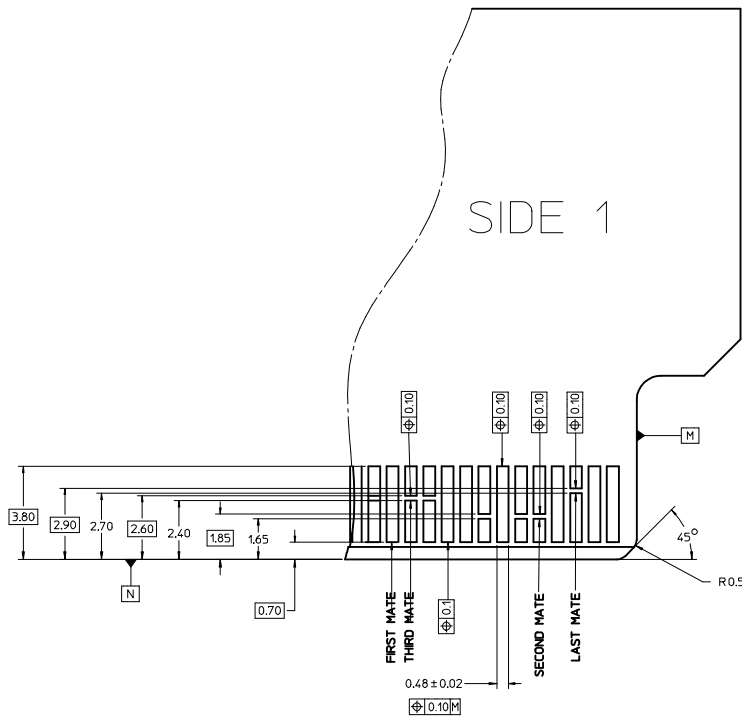


MOTHER BOARD HOLE LAYOUT  
(COMPONENT SIDE)



<b>SEE SHEET 1</b> IEC NO: UCP2009-1091 DRAWN: DROSCA 2008/12/05 CHYK: 2008/12/05 APPR: JCOMERCI 2008/12/09	<b>QUALITY SYMBOLS</b> ▽=0 ▽=0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>		DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>2:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 1/2°	mm    INCH	DRAWN BY DROSCA    10/27/2008 CHECKED BY JCOMERCI    10/27/2008 APPROVED BY JCOMERCI    10/27/2008	DATE	TITLE <b>EDGE LINE 12.5GB 0.062"PCB/0.75MM PITCH 170 CIRCUITS</b>	<b>MOLEX INCORPORATED</b>
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. <b>SEE SHEET 1</b>		DOCUMENT NO. <b>SD-75594-002</b>		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

# MODULE EDGE CARD CONTACT DETAIL



**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.

<b>SEE SHEET 1</b> IEC NO: UCP2009-1091 DRAWN BY: DROSCA CHKD: 2008/12/05 APPR: JCOMERCI DATE: 2008/12/09	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>±0.13</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	±0.13	±---	1 PLACE	±0.25	±---	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>10:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION
		mm	INCH																		
4 PLACES	±---	±---																			
3 PLACES	±---	±---																			
2 PLACES	±0.13	±---																			
1 PLACE	±0.25	±---																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: DROSCA DATE: 10/27/2008 CHECKED BY: JCOMERCI DATE: 10/27/2008 APPROVED BY: JCOMERCI DATE: 10/27/2008	MATERIAL NO: <b>SEE SHEET 1</b>	TITLE <b>EDGE LINE 12.5GB 0.062"PCB/0.75MM PITCH 170 CIRCUITS</b>	DOCUMENT NO: <b>SD-75594-002</b>	SHEET NO: <b>4 OF 5</b>	MOLEX INCORPORATED															

LEGEND 170 CIRCUITS				
COMPONENT SIDE 1		ALLEGRO PIN NO.	COMPONENT SIDE 2	
PIN NO.	SIGNAL		SIGNAL	PIN NO.
920				1
919				2
918				3
917				4
916				5
915				6
914				7
913				8
912				9
911				10
910				11
909				12
908				13
907				14
906				15
905				16
904				17
903				18
902				19
901				20
900				21
899				22
898				23
897				24
896				25
895				26
894				27
893				28
892				29
891				30
890				31
889				32
888				33
887				34
886				35
885				36
884				37
883				38
882				39
881				40
880				41
879				42
878				43
877				44
876				45
875				46
874				47
873				48
872				49
871				50
870				51
869				52
868				53
867				54
866				55
865				56
864				57
863				58
862				59
861				60
860				61
859				62
858				63
857				64
856				65
855				66
854				67
853				68
852				69
851				70
850				71
849				72
848				73
847				74
846				75
845				76
844				77
843				78
842				79
841				80
840				81
839				82
838				83
837				84
836				85

<b>SEE SHEET 1</b> IEC NO: UCF2009-1091 DRAWN: DROSCA 2008/12/05 CHYK: 2008/12/05 APPR: JCOMERCI 2008/12/09	<b>QUALITY SYMBOLS</b> ▽=0 ▽=0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>		<b>DIMENSION STYLE</b> MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± mm ± INCH 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ±1/2°	DRAWN BY DROSCA 10/27/2008	CHECKED BY JCOMERCI 10/27/2008	APPROVED BY JCOMERCI 10/27/2008	TITLE EDGE LINE 12.5GB 0.062*PCB/0.75MM PITCH 170 CIRCUITS	MOLEX INCORPORATED	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE SHEET 1	DOCUMENT NO. SD-75594-002	SHEET NO. 5 OF 5			



Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «**JONHON**», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «**FORSTAR**».



## JONHON

«**JONHON**» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«**FORSTAR**» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,  
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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