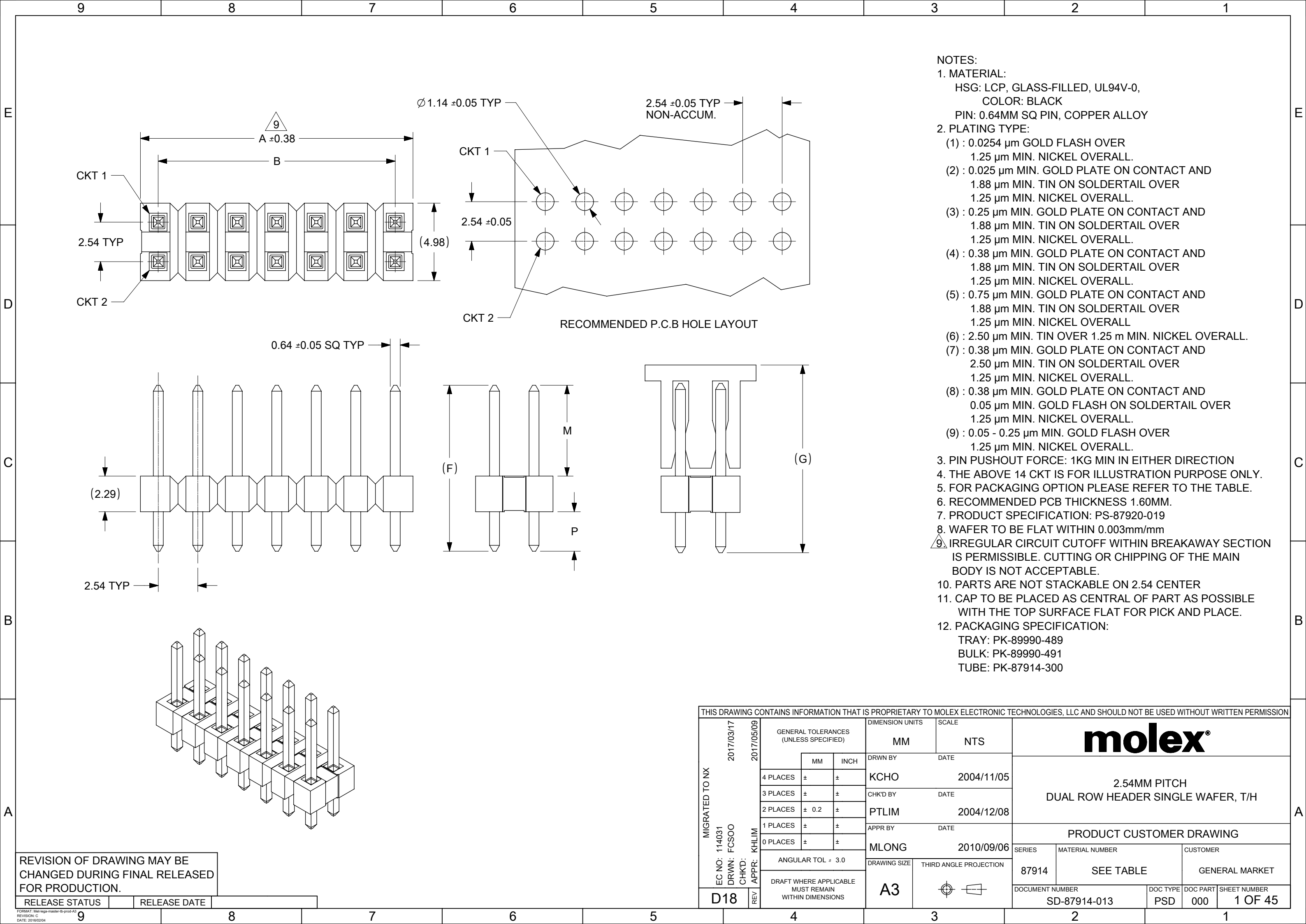
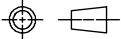




[illegible]

[illegible]

[illegible]

9		8		7		6		5		4		3		2		1			
E	PART NO FOR TRAY PACKAGING	PART NO. FOR TUBE WITHOUT CAP PACKAGING	PART NO. FOR TUBE WITH CAP PACKAGING	PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING	PART NO. FOR TAPE & REEL WITH CAP PACKAGING	CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION										
	87914-0841	-----	-----	-----	-----	8	-----	1	10.16	7.62	13.51	8.75	2.47						
	87914-0842	-----	-----	-----	-----	8	-----	2	10.16	7.62	13.51	8.75	2.47						
	87914-0843	-----	-----	-----	-----	8	-----	3	10.16	7.62	13.51	8.75	2.47						
	87914-0844	-----	-----	-----	-----	8	-----	4	10.16	7.62	13.51	8.75	2.47						
	87914-0845	-----	-----	-----	-----	8	-----	5	10.16	7.62	13.51	8.75	2.47						
	87914-0005	-----	-----	-----	-----	8	-----	6	10.16	7.62	13.51	8.75	2.47						
D																			
C																			
B																			
A																			
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
MIGRATED TO NX EC NO: 114031 DRWN: FCSSO CHK'D: KHLIM APPR: KHLIM		2017/03/17		2017/05/09		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex® 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H PRODUCT CUSTOMER DRAWING SERIES 87914 MATERIAL NUMBER SEE TABLE CUSTOMER GENERAL MARKET							
								MM		NTS									
								MM		INCH									
								4 PLACES ±		±									
								3 PLACES ±		±									
								2 PLACES ± 0.2		±									
								1 PLACES ±		±									
0 PLACES ±		±																	
ANGULAR TOL ± 3.0																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																			
D18		REV		APPR		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		A3											
RELEASE STATUS				RELEASE DATE															
9		8		7		6		5		4		3		2		1			
FORMAT: Met-lega-master-db-prod-A3 REVISION: C DATE: 2016/02/04		9		8		7		6		5		4		3		2		1	

[illegible]

										9					8					7					6					5					4					3					2					1																								
										PART NO. FOR TRAY PACKAGING					PART NO. FOR TUBE WITHOUT CAP PACKAGING					PART NO. FOR TUBE WITH CAP PACKAGING					PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING					PART NO. FOR TAPE & REEL WITH CAP PACKAGING					CKT SIZE					VOID POSITION					PLATING TYPE					DIMENSION																								
										A					B					F					M					P																																												
E										87914-1211					-----					-----					-----					-----					12					-----					1					15.24					12.70					10.92					5.84					2.79				
										-----					87914-1291					-----					-----					-----					12					-----					9					15.24					12.70					10.92					5.84					2.79				
										87914-1221					-----					-----					-----					-----					12					-----					1					15.24					12.70					12.25					7.00					2.96				
										87914-1231					-----					-----					-----					-----					12					-----					1					15.24					12.70					13.38					6.09					5.00				
										87914-1212					-----					-----					-----					-----					12					-----					2					15.24					12.70					10.92					5.84					2.79				
										87914-1222					-----					-----					-----					-----					12					-----					2					15.24					12.70					12.25					7.00					2.96				
										87914-1232					-----					-----					-----					-----					12					-----					2					15.24					12.70					13.38					6.09					5.00				
										87914-1213					-----					-----					-----					-----					12					-----					3					15.24					12.70					10.92					5.84					2.79				
										87914-1223					-----					-----					-----					-----					12					-----					3					15.24					12.70					12.25					7.00					2.96				
										87914-1233					-----					-----					-----					-----					12					-----					3					15.24					12.70					13.38					6.09					5.00				
D										87914-1214					-----					-----					-----					-----					12					-----					4					15.24					12.70					10.92					5.84					2.79				
										87914-1224					-----					-----					-----					-----					12					-----					4					15.24					12.70					12.25					7.00					2.96				
										87914-1234					-----					-----					-----					-----					12					-----					4					15.24					12.70					13.38					6.09					5.00				
										87914-1215					-----					-----					-----					-----					12					-----					5					15.24					12.70					10.92					5.84					2.79				
										87914-1225					-----					-----					-----					-----					12					-----					5					15.24					12.70					12.25					7.00					2.96				
										87914-1235					-----					-----					-----					-----					12					-----					5					15.24					12.70					13.38					6.09					5.00				
										87914-1216					-----					-----					-----					-----					12					-----					6					15.24					12.70					10.92					5.84					2.79				
										87914-1226					-----					-----					-----					-----					12					-----					6					15.24					12.70					12.25					7.00					2.96				
										87914-1236					-----					-----					-----					-----					12					-----					6					15.24					12.70					13.38					6.09					5.00				
										C																																																																
B																																																																										
A																																																																										
										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																																																
										MIGRATED TO NX EC NO: 114031 DRWN: FCSSO CHK'D: KHLIM APPR: 2017/03/17 2017/05/09										GENERAL TOLERANCES (UNLESS SPECIFIED)					DIMENSION UNITS					SCALE					molex® 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H PRODUCT CUSTOMER DRAWING SERIES 87914 MATERIAL NUMBER SEE TABLE CUSTOMER GENERAL MARKET DOCUMENT NUMBER SD-87914-013 DOC TYPE PSD DOC PART 000 SHEET NUMBER 9 OF 45																																							
																				MM					NTS																																																	
																				MM					INCH					DRWN BY															DATE																													
4 PLACES					±															±					KCHO																																																	

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

9		8		7		6		5		4		3		2		1		
E	PART NO FOR BULK PACKAGING	PART NO. FOR TUBE WITHOUT CAP PACKAGING	PART NO. FOR TUBE WITH CAP PACKAGING	PART NO. FOR TAPE & REEL WITHOUT CAP PACKAGING	PART NO. FOR TAPE & REEL WITH CAP PACKAGING	CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION									
	87914-6211	-----	-----	-----	-----	62	-----	1	78.74	76.20	10.92	5.84	2.79					
	87914-6221	-----	-----	-----	-----	62	-----	1	78.74	76.20	12.25	7.00	2.96					
	87914-6212	-----	-----	-----	-----	62	-----	2	78.74	76.20	10.92	5.84	2.79					
	87914-6222	-----	-----	-----	-----	62	-----	2	78.74	76.20	12.25	7.00	2.96					
	87914-6213	-----	-----	-----	-----	62	-----	3	78.74	76.20	10.92	5.84	2.79					
	87914-6223	-----	-----	-----	-----	62	-----	3	78.74	76.20	12.25	7.00	2.96					
	87914-6214	-----	-----	-----	-----	62	-----	4	78.74	76.20	10.92	5.84	2.79					
	87914-6224	-----	-----	-----	-----	62	-----	4	78.74	76.20	12.25	7.00	2.96					
	87914-6215	-----	-----	-----	-----	62	-----	5	78.74	76.20	10.92	5.84	2.79					
D	87914-6225	-----	-----	-----	-----	62	-----	5	78.74	76.20	12.25	7.00	2.96					
	87914-6216	-----	-----	-----	-----	62	-----	6	78.74	76.20	10.92	5.84	2.79					
	87914-6226	-----	-----	-----	-----	62	-----	6	78.74	76.20	12.25	7.00	2.96					
C																		
B																		
A																		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																	
MIGRATED TO NX EC NO: 114031 DRWN: FCSSO CHK'D: APPR: KHLIM	2017/03/17	2017/05/09	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		molex® 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H PRODUCT CUSTOMER DRAWING <table><tr><td>SERIES</td><td colspan="2">MATERIAL NUMBER</td><td colspan="2">CUSTOMER</td></tr><tr><td>87914</td><td colspan="2">SEE TABLE</td><td colspan="2">GENERAL MARKET</td></tr><tr><td colspan="2">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>SHEET NUMBER</td></tr><tr><td colspan="2">SD-87914-013</td><td>PSD</td><td>000</td><td>36 OF 45</td></tr></table>				SERIES	MATERIAL NUMBER		CUSTOMER		87914	SEE TABLE		GENERAL MARKET		DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER	SD-87914-013		PSD	000	36 OF 45
						SERIES	MATERIAL NUMBER		CUSTOMER																								
			87914	SEE TABLE		GENERAL MARKET																											
			DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER																										
			SD-87914-013		PSD	000	36 OF 45																										
			MM		NTS																												
	4 PLACES ±			MM INCH		DRWN BY DATE		KCHO 2004/11/05																									
	3 PLACES ±					CHK'D BY DATE		PTLIM 2004/12/08																									
	2 PLACES ± 0.2					APPR BY DATE		MLONG 2010/09/06																									
	1 PLACES ±					DRAWING SIZE		THIRD ANGLE PROJECTION																									
0 PLACES ±					A3																												
ANGULAR TOL ± 3.0																																	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																																	

RELEASE STATUS		RELEASE DATE		9		8		7		6		5		4		3		2		1	
FORMAT : Met-lega-master-db-prod-A3 REVISION : C DATE: 2016/02/04																					

[illegible]

[illegible]

[illegible]

[illegible]

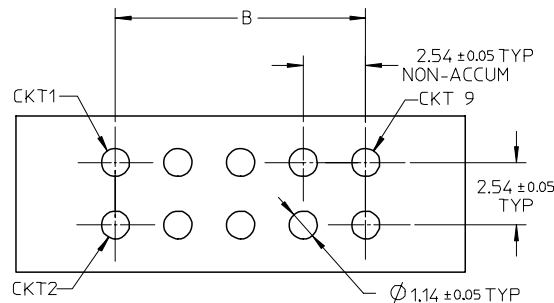
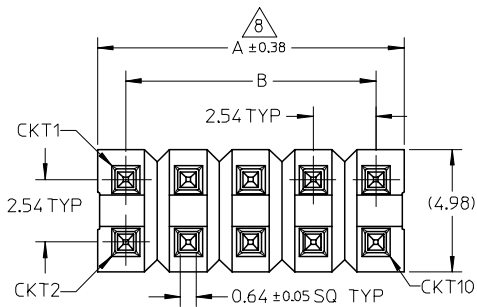
[illegible]

[illegible]

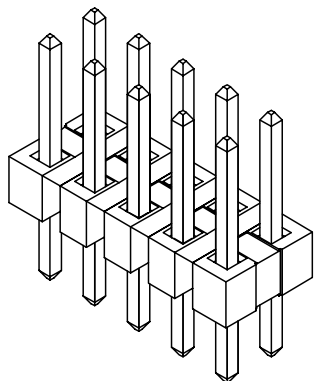
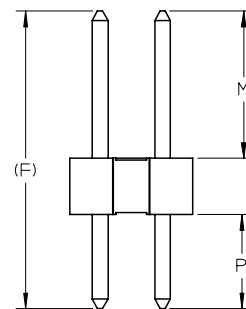
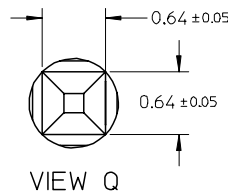
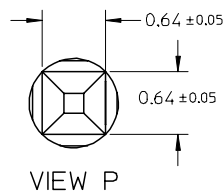
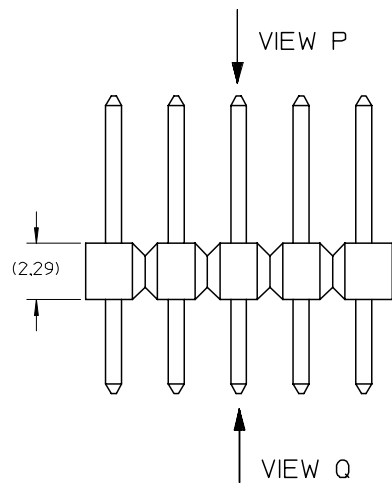
[illegible]

[illegible]

[illegible]



RECOMMENDED PCB LAYOUT



NOTES:

1. MATERIAL:

HSG: LCP, GLASS-FILLED, UL94V-0,
COLOR: BLACK
PIN: 0.64MM SQ PIN, COPPER ALLOY

2. PLATING TYPE:

- (1) : 0.381 μ m MIN. GOLD PLATE ON CONTACT AND 1.905 μ m MIN. TIN ON SOLDER TAIL OVER 1.270 μ m MIN. NICKEL OVERALL.
- (2) : 0.762 μ m MIN. GOLD PLATE ON CONTACT AND 1.905 μ m MIN. TIN ON SOLDER TAIL OVER 1.270 μ m MIN. NICKEL OVERALL.
- (3) : 2.540 μ m MIN. TIN IN SELECTED AREA OVER 1.270 μ m MIN. NICKEL OVERALL.

3. THE ABOVE 10 CKT IS FOR ILLUSTRATION PURPOSE ONLY.
4. FOR PACKAGING OPTION PLEASE REFER TO THE TABLE.
5. RECOMMENDED PCB THICKNESS 1.60MM.
6. PRODUCT SPECIFICATION: PS-87920-019
7. WAFER TO BE FLAT WITHIN 0.003mm/mm
8. IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE.
9. PARTS ARE NOT STACKABLE ON 2.54 CENTER
10. PACKAGING SPECIFICATION:
TRAY: PK-89990-489
BULK: PK-89990-491

EWR# 1010 & 1021		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
EC NO: S2007-0182		DESCRIPTION		mm		DATE		DATE		DATE		DATE	
2006/09/11		DRWN:SKL IM01		± ---		2006/08/21		2006/08/21		2006/08/21		2006/08/21	
2006/09/12		CHKD:CWLAM		± ---		2006/09/04		2006/09/04		2006/09/04		2006/09/04	
2006/09/13		APPR:KWLEE		± 0.2		2006/09/04		2006/09/04		2006/09/04		2006/09/04	
1 PLACE		± ---		± ---		2006/09/04		2006/09/04		2006/09/04		2006/09/04	
ANGULAR		± 3 °		± ---		2006/09/04		2006/09/04		2006/09/04		2006/09/04	
DRAFT WHERE APPLICABLE		MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SEE TABLE		DOCUMENT NO.		SD-87914-059		SHEET NO. 1 OF 9	
SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		MOLEX		CUSTOM HEADER C-GRID, SINGLE WAFER HDR, THROU HOLE, VERTICAL, LF		MOLEX INCORPORATED					

	10		9		8		7		6		5		4		3		2		1	
F	PART NO FOR TRAY PACKAGING	PART NO FOR BULK PACKAGING	CKT SIZE	PLATING TYPE	DIMENSION					PART NO FOR TRAY PACKAGING	PART NO FOR BULK PACKAGING	CKT SIZE	PLATING TYPE	DIMENSION						
								MATING END	SOLDER TAIL								MATING END	SOLDER TAIL		
					A	B	F	M	P					A	B	F	M	P		
E	87914-0401	-----	4	1	5.08	2.54	13.21	8.13	2.79	87914-0404	-----	4	1	5.08	2.54	11.11	6.10	2.72	E	
	87914-0402	-----	4	2	5.08	2.54	13.21	8.13	2.79	87914-0405	-----	4	2	5.08	2.54	11.11	6.10	2.72		
	87914-0403	-----	4	3	5.08	2.54	13.21	8.13	2.79	87914-0406	-----	4	3	5.08	2.54	11.11	6.10	2.72		
D	87914-0601	-----	6	1	7.62	5.08	13.21	8.13	2.79	87914-0604	-----	6	1	7.62	5.08	11.11	6.10	2.72	D	
	87914-0602	-----	6	2	7.62	5.08	13.21	8.13	2.79	87914-0605	-----	6	2	7.62	5.08	11.11	6.10	2.72		
	87914-0603	-----	6	3	7.62	5.08	13.21	8.13	2.79	87914-0606	-----	6	3	7.62	5.08	11.11	6.10	2.72		
C	87914-0801	-----	8	1	10.16	7.62	13.21	8.13	2.79	87914-0804	-----	8	1	10.16	7.62	11.11	6.10	2.72	C	
	87914-0802	-----	8	2	10.16	7.62	13.21	8.13	2.79	87914-0805	-----	8	2	10.16	7.62	11.11	6.10	2.72		
	87914-0803	-----	8	3	10.16	7.62	13.21	8.13	2.79	87914-0806	-----	8	3	10.16	7.62	11.11	6.10	2.72		
B	87914-1001	-----	10	1	12.70	10.16	13.21	8.13	2.79	87914-1004	-----	10	1	12.70	10.16	11.11	6.10	2.72	B	
	87914-1002	-----	10	2	12.70	10.16	13.21	8.13	2.79	87914-1005	-----	10	2	12.70	10.16	11.11	6.10	2.72		
	87914-1003	-----	10	3	12.70	10.16	13.21	8.13	2.79	87914-1006	-----	10	3	12.70	10.16	11.11	6.10	2.72		
A																		A		
					ib_frame_A3_P_AM_T Rev. D 2004/06/28					9	8	7	6	5	4	3	2		1	

EWR# 1010 & 1021
EC NO: S2007-0182
DRWN:SKL IM01 2006/09/11
CHKD:CWLAM 2006/09/12
APPR:KWLEE 2006/09/13

DESCRIPTION
REV

QUALITY
SYMBOLS

▽=0
▽C=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.2	± ---
1 PLACE	± ---	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY	DATE
SKL IM01	2006/08/21
CHECKED BY	DATE
CWLAM	2006/09/04
APPROVED BY	DATE
KWLEE	2006/09/04

MATERIAL NO.

SEE TABLE

SIZE
A3

SCALE
NTS

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

TITLE

CUSTOM HEADER
C-GRID,SINGLE WAFER HDR,
THROU HOLE,VERTICAL, LF

molex

MOLEX INCORPORATED

DOCUMENT NO.
SD-87914-059

SHEET NO.
2 OF 9

tb_frame_A3_P_AM_T
Rev. D 2004/06/28

tb_frame_A3_P_AM_T
Rev. D 2004/06/28

tb_frame_A3_P_AM_T
Rev. D 2004/06/28

tb_frame_A3_P_AM_T
Rev. D 2004/06/28

tb_frame_A3_P_AM_T
Rev. D 2004/06/28

tb_frame_A3_P_AM_T
Rev. D 2004/06/28

