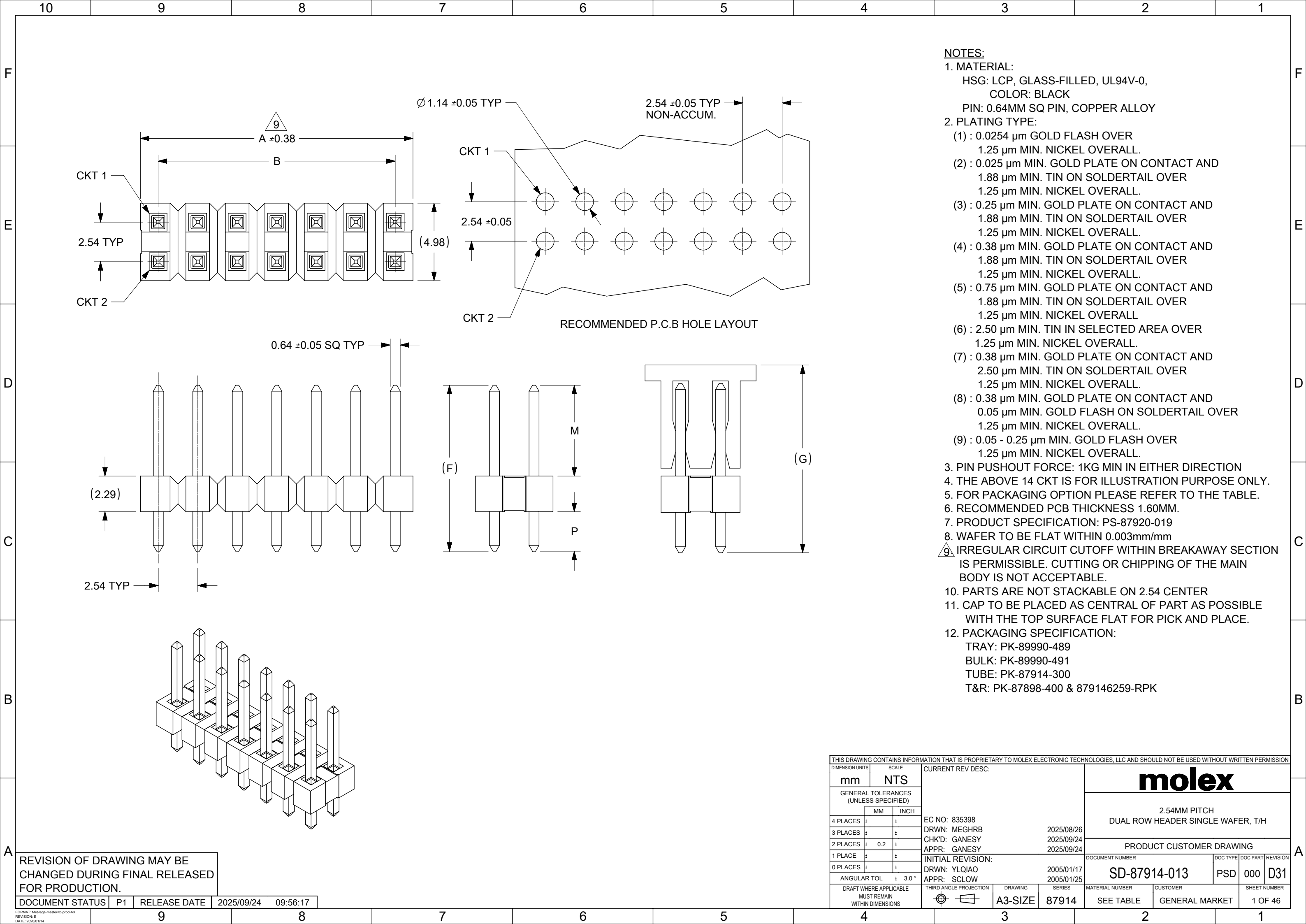




[illegible]

10		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		
87914-0411	-----	-----	-----	-----	4	-----	1	5.08	2.54	10.92	5.84	2.79							
87914-0421	-----	-----	-----	-----	4	-----	1	5.08	2.54	12.25	7.00	2.96							
87914-0431	-----	-----	-----	-----	4	-----	1	5.08	2.54	13.38	6.09	5.00							
87914-0412	-----	-----	-----	-----	4	-----	2	5.08	2.54	10.92	5.84	2.79							
87914-0422	-----	-----	-----	-----	4	-----	2	5.08	2.54	12.25	7.00	2.96							
87914-0432	-----	-----	-----	-----	4	-----	2	5.08	2.54	13.38	6.09	5.00							
87914-0413	-----	-----	-----	-----	4	-----	3	5.08	2.54	10.92	5.84	2.79							
87914-0423	-----	-----	-----	-----	4	-----	3	5.08	2.54	12.25	7.00	2.96							
87914-0433	-----	-----	-----	-----	4	-----	3	5.08	2.54	13.38	6.09	5.00							
87914-0414	-----	-----	-----	-----	4	-----	4	5.08	2.54	10.92	5.84	2.79							
87914-0424	-----	-----	-----	-----	4	-----	4	5.08	2.54	12.25	7.00	2.96							
87914-0434	-----	-----	-----	-----	4	-----	4	5.08	2.54	13.38	6.09	5.00							
87914-0415	-----	-----	-----	-----	4	-----	5	5.08	2.54	10.92	5.84	2.79							
87914-0425	-----	-----	-----	-----	4	-----	5	5.08	2.54	12.25	7.00	2.96							
87914-0435	-----	-----	-----	-----	4	-----	5	5.08	2.54	13.38	6.09	5.00							
87914-0416	-----	-----	-----	-----	4	-----	6	5.08	2.54	10.92	5.84	2.79							
87914-0417	-----	-----	-----	-----	4	-----	6	5.08	2.54	10.92	5.84	2.79							
87914-0426	-----	-----	-----	-----	4	-----	6	5.08	2.54	12.25	7.00	2.96							
87914-0427	-----	-----	-----	-----	4	-----	6	5.08	2.54	12.25	7.00	2.96							
87914-0436	-----	-----	-----	-----	4	-----	6	5.08	2.54	13.38	6.09	5.00							
87914-0401	-----	-----	-----	-----	4	-----	4	5.08	2.54	13.21	8.13	2.79							
87914-0402	-----	-----	-----	-----	4	-----	5	5.08	2.54	13.21	8.13	2.79							
87914-0403	-----	-----	-----	-----	4	-----	6	5.08	2.54	13.21	8.13	2.79							
87914-0404	-----	-----	-----	-----	4	-----	4	5.08	2.54	11.11	6.10	2.72							
87914-0405	-----	-----	-----	-----	4	-----	5	5.08	2.54	11.11	6.10	2.72							
87914-0406	-----	-----	-----	-----	4	-----	6	5.08	2.54	11.11	6.10	2.72							
87914-0408	-----	-----	-----	-----	4	-----	6	5.08	2.54	11.11	6.10	2.72							
-----	-----	-----	87914-0407	-----	4	-----	6	5.08	2.54	17.49	12.60	2.60							

	10	9		8		7		6		5		4	3	2	1		
F	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	G											
	87914-0611	-----	-----	-----	-----	6	-----	1	7.62	5.08	10.92	5.84	2.79	----			
	87914-0621	-----	-----	-----	-----	6	-----	1	7.62	5.08	12.25	7.00	2.96	----			
	87914-0631	-----	-----	-----	-----	6	-----	1	7.62	5.08	13.38	6.09	5.00	----			
	87914-0612	-----	-----	-----	-----	6	-----	2	7.62	5.08	10.92	5.84	2.79	----			
	87914-0622	-----	-----	-----	-----	6	-----	2	7.62	5.08	12.25	7.00	2.96	----			
	87914-0632	-----	-----	-----	-----	6	-----	2	7.62	5.08	13.38	6.09	5.00	----			
	87914-0613	-----	-----	-----	-----	6	-----	3	7.62	5.08	10.92	5.84	2.79	----			
	87914-0623	-----	-----	-----	-----	6	-----	3	7.62	5.08	12.25	7.00	2.96	----			
	87914-0633	-----	-----	-----	-----	6	-----	3	7.62	5.08	13.38	6.09	5.00	----			
E	87914-0614	-----	-----	-----	-----	6	-----	4	7.62	5.08	10.92	5.84	2.79	----			
	87914-0624	-----	-----	-----	-----	6	-----	4	7.62	5.08	12.25	7.00	2.96	----			
	87914-0634	-----	-----	-----	-----	6	-----	4	7.62	5.08	13.38	6.09	5.00	----			
	87914-0615	-----	-----	-----	87914-0652	6	-----	5	7.62	5.08	10.92	5.84	2.79	----			
	87914-0625	-----	-----	-----	-----	6	-----	5	7.62	5.08	12.25	7.00	2.96	----			
	87914-0635	-----	-----	-----	-----	6	-----	5	7.62	5.08	13.38	6.09	5.00	----			
	87914-0616	-----	-----	-----	-----	6	-----	6	7.62	5.08	10.92	5.84	2.79	----			
	87914-0617	-----	-----	-----	-----	6	-----	6	7.62	5.08	10.92	5.84	2.79	----			
	87914-0626	-----	-----	-----	-----	6	-----	6	7.62	5.08	12.25	7.00	2.96	----			
	87914-0628	-----	-----	-----	-----	6	-----	6	7.62	5.08	12.25	7.00	2.96	----			
D	87914-0636	-----	-----	-----	-----	6	-----	6	7.62	5.08	13.38	6.09	5.00	----			
	87914-0601	-----	-----	-----	-----	6	-----	4	7.62	5.08	13.21	8.13	2.79	---			
	87914-0602	-----	-----	-----	-----	6	-----	5	7.62	5.08	13.21	8.13	2.79	----			
	87914-0603	-----	-----	-----	-----	6	-----	6	7.62	5.08	13.21	8.13	2.79	---			
	87914-0604	-----	-----	-----	-----	6	-----	4	7.62	5.08	11.11	6.10	2.72	---			
	87914-0605	-----	-----	-----	-----	6	-----	5	7.62	5.08	11.11	6.10	2.72	---			
	87914-0606	-----	-----	-----	-----	6	-----	6	7.62	5.08	11.11	6.10	2.72	---			
	87914-0608	-----	-----	-----	-----	6	-----	6	7.62	5.08	11.11	6.10	2.72	---			
C																	
B																	
A																	
DOCUMENT STATUS		P1	RELEASE DATE	2025/09/24	09:56:17												
FORMAT: Met-lega-master-ib-prod-A3		9		8		7		6		5		4	3	2	1		
REVISION: E																	
DATE: 2020/01/14																	

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10		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										
87914-1251	-----	-----	-----	-----	12	-----	1	15.24	12.70	18.40	13.08	3.03										
87914-1252	-----	-----	-----	-----	12	-----	2	15.24	12.70	18.40	13.08	3.03										
87914-1253	-----	-----	-----	-----	12	-----	3	15.24	12.70	18.40	13.08	3.03										
87914-1254	-----	-----	-----	-----	12	-----	4	15.24	12.70	18.40	13.08	3.03										
87914-1255	-----	-----	-----	-----	12	-----	5	15.24	12.70	18.40	13.08	3.03										
87914-1256	-----	-----	-----	-----	12	-----	6	15.24	12.70	18.40	13.08	3.03										
87914-1241	-----	-----	-----	-----	12	-----	1	15.24	12.70	12.50	6.95	3.26										
87914-1242	-----	-----	-----	-----	12	-----	2	15.24	12.70	12.50	6.95	3.26										
87914-1243	-----	-----	-----	-----	12	-----	3	15.24	12.70	12.50	6.95	3.26										
87914-1244	-----	-----	-----	-----	12	-----	4	15.24	12.70	12.50	6.95	3.26										
87914-1245	-----	-----	-----	-----	12	-----	5	15.24	12.70	12.50	6.95	3.26										
87914-1201	-----	-----	-----	-----	12	-----	4	15.24	12.70	13.21	8.13	2.79										
87914-1202	-----	-----	-----	-----	12	-----	5	15.24	12.70	13.21	8.13	2.79										
87914-1203	-----	-----	-----	-----	12	-----	6	15.24	12.70	13.21	8.13	2.79										
87914-1204	-----	-----	-----	-----	12	-----	4	15.24	12.70	11.11	6.10	2.72										
87914-1205	-----	-----	-----	-----	12	-----	5	15.24	12.70	11.11	6.10	2.72										
87914-1206	-----	-----	-----	-----	12	-----	6	15.24	12.70	11.11	6.10	2.72										
87914-1207	-----	-----	-----	-----	12	-----	6	15.24	12.70	11.11	6.10	2.72										

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	± 0.2	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 3.0 °	

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

87914

CURRENT REV DESC:

EC NO: 835398
DRWN: MEGHRB
CHK'D: GANESY
APPR: GANESY

2025/08/26
2025/09/24
2025/09/24

INITIAL REVISION:

DRWN: YLQIAO
APPR: SCLOW

2005/01/17
2005/01/25

DOCUMENT NUMBER

SD-87914-013

DOC TYPE

PSD

DOC PART

000

REVISION

D31

PRODUCT CUSTOMER DRAWING

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

10 OF 46

DOCUMENT STATUS

P1

RELEASE DATE

2025/09/24 09:56:17

9

8

7

6

5

4

3

2

1

FORMAT: Met-lega-master-ib-prod-A3

REVISION: E

DATE: 2020/01/14

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	± 0.2	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 3.0 °	

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

87914

CURRENT REV DESC:

EC NO: 835398
DRWN: MEGHRB
CHK'D: GANESY
APPR: GANESY

2025/08/26
2025/09/24
2025/09/24

INITIAL REVISION:

DRWN: YLQIAO
APPR: SCLOW

2005/01/17
2005/01/25

DOCUMENT NUMBER

SD-87914-013

DOC TYPE

PSD

DOC PART

000

REVISION

D31

2.54MM PITCH
DUAL ROW HEADER SINGLE WAFER, T/H

PRODUCT CUSTOMER DRAWING

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

10 OF 46

molex

2.54MM PITCH
DUAL ROW HEADER SINGLE WAFER, T/H

SD-87914-013

PSD

000

D31

SEE TABLE

GENERAL MARKET

10 OF 46

10		9		8		7		6		5		4		3		2		1	
F	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	KINK POSITION	PLATING TYPE	DIMENSION						CAP (SEE SHEET 46)			
	87914-1441	-----	-----	-----	-----	14	-----	-----	1	17.78	15.24	13.42	8.08	3.05	---	-			
	87914-1442	-----	-----	-----	-----	14	-----	-----	2	17.78	15.24	13.42	8.08	3.05	---	-			
	87914-1443	-----	-----	-----	-----	14	-----	-----	3	17.78	15.24	13.42	8.08	3.05	---	-			
	87914-1444	-----	-----	-----	-----	14	-----	-----	4	17.78	15.24	13.42	8.08	3.05	---	-			
	87914-1445	-----	-----	-----	-----	14	-----	-----	5	17.78	15.24	13.42	8.08	3.05	---	-			
	-----	87914-1446	-----	-----	-----	14	-----	CKT 1, 2, 13 & 14	6	17.78	15.24	14.58	9.11	3.18	---	-			
-----	-----	-----	-----	87914-1447	14	-----	-----	6	17.78	15.24	13.79	8.20	3.30	14.79	A				
E																			
D																			
C																			
B																			
A																			
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
DIMENSION UNITS		SCALE		CURRENT REV DESC:						molex 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H									
mm		NTS																	
GENERAL TOLERANCES (UNLESS SPECIFIED)																			
	MM		INCH																
4 PLACES	±		±	EC NO: 835398 DRWN: MEGHRB 2025/08/26 CHK'D: GANESY 2025/09/24 APPR: GANESY 2025/09/24						PRODUCT CUSTOMER DRAWING									
3 PLACES	±		±																
2 PLACES	±	0.2	±																
1 PLACE	±		±																
0 PLACES	±		±	INITIAL REVISION: DRWN: YLQIAO 2005/01/17 APPR: SCLOW 2005/01/25						DOCUMENT NUMBER SD-87914-013									
ANGULAR TOL ± 3.0 °																	THIRD ANGLE PROJECTION		DRAWING
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						A3-SIZE	87914	SEE TABLE	GENERAL MARKET	12 OF 46									
DOCUMENT STATUS		P1	RELEASE DATE	2025/09/24	09:56:17														
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10		9		8		7		6		5		4		3		2		1																																																																																																				
F	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																																																																																																																	
F	87914-2211	-----	-----	-----	-----	22	-----	1	27.94	25.40	10.92	5.84	2.79																																																																																																									
	87914-2221	-----	-----	-----	-----	22	-----	1	27.94	25.40	12.25	7.00	2.96																																																																																																									
	87914-2231	-----	-----	-----	-----	22	-----	1	27.94	25.40	13.38	6.09	5.00																																																																																																									
	87914-2212	-----	-----	-----	-----	22	-----	2	27.94	25.40	10.92	5.84	2.79																																																																																																									
	87914-2222	-----	-----	-----	-----	22	-----	2	27.94	25.40	12.25	7.00	2.96																																																																																																									
E	87914-2232	-----	-----	-----	-----	22	-----	2	27.94	25.40	13.38	6.09	5.00																																																																																																									
	87914-2213	-----	-----	-----	-----	22	-----	3	27.94	25.40	10.92	5.84	2.79																																																																																																									
	87914-2223	-----	-----	-----	-----	22	-----	3	27.94	25.40	12.25	7.00	2.96																																																																																																									
	87914-2233	-----	-----	-----	-----	22	-----	3	27.94	25.40	13.38	6.09	5.00																																																																																																									
	87914-2214	-----	-----	-----	-----	22	-----	4	27.94	25.40	10.92	5.84	2.79																																																																																																									
D	87914-2224	-----	-----	-----	-----	22	-----	4	27.94	25.40	12.25	7.00	2.96																																																																																																									
	87914-2234	-----	-----	-----	-----	22	-----	4	27.94	25.40	13.38	6.09	5.00																																																																																																									
	87914-2215	-----	-----	-----	-----	22	-----	5	27.94	25.40	10.92	5.84	2.79																																																																																																									
	87914-2225	-----	-----	-----	-----	22	-----	5	27.94	25.40	12.25	7.00	2.96																																																																																																									
	87914-2235	-----	-----	-----	-----	22	-----	5	27.94	25.40	13.38	6.09	5.00																																																																																																									
C	87914-2216	-----	-----	-----	-----	22	-----	6	27.94	25.40	10.92	5.84	2.79																																																																																																									
	87914-2217	-----	-----	-----	-----	22	-----	6	27.94	25.40	10.92	5.84	2.79																																																																																																									
	87914-2226	-----	-----	-----	-----	22	-----	6	27.94	25.40	12.25	7.00	2.96																																																																																																									
	87914-2227	-----	-----	-----	-----	22	-----	6	27.94	25.40	12.25	7.00	2.96																																																																																																									
	87914-2236	-----	-----	-----	-----	22	-----	6	27.94	25.40	13.38	6.09	5.00																																																																																																									
B	87914-2201	-----	-----	-----	-----	22	-----	4	27.94	25.40	13.21	8.13	2.79																																																																																																									
	87914-2202	-----	-----	-----	-----	22	-----	5	27.94	25.40	13.21	8.13	2.79																																																																																																									
	87914-2203	-----	-----	-----	-----	22	-----	6	27.94	25.40	13.21	8.13	2.79																																																																																																									
	87914-2204	-----	-----	-----	-----	22	-----	4	27.94	25.40	11.11	6.10	2.72																																																																																																									
	87914-2205	-----	-----	-----	-----	22	-----	5	27.94	25.40	11.11	6.10	2.72																																																																																																									
A	87914-2206	-----	-----	-----	-----	22	-----	6	27.94	25.40	11.11	6.10	2.72																																																																																																									
	87914-2207	-----	-----	-----	-----	22	-----	6	27.94	25.40	11.11	6.10	2.72																																																																																																									
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION <table><tr><td colspan="2">DIMENSION UNITS</td><td colspan="2">SCALE</td><td colspan="4" rowspan="2">CURRENT REV DESC:</td><td colspan="4" rowspan="2"> molex </td></tr><tr><td>mm</td><td></td><td>NTS</td><td></td></tr><tr><td colspan="4">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="4" rowspan="5">EC NO: 835398 DRWN: MEGHRB 2025/08/26 CHK'D: GANESY 2025/09/24 APPR: GANESY 2025/09/24 INITIAL REVISION: DRWN: YLQIAO 2005/01/17 APPR: SCLOW 2005/01/25</td><td colspan="4" rowspan="5">PRODUCT CUSTOMER DRAWING</td></tr><tr><td></td><td>MM</td><td>INCH</td><td></td></tr><tr><td>4 PLACES</td><td>±</td><td></td><td>±</td></tr><tr><td>3 PLACES</td><td>±</td><td></td><td>±</td></tr><tr><td>2 PLACES</td><td>±</td><td>0.2</td><td>±</td></tr><tr><td>1 PLACE</td><td>±</td><td></td><td>±</td><td colspan="4" rowspan="2">DOCUMENT NUMBER</td><td colspan="2" rowspan="2">SD-87914-013</td><td colspan="2" rowspan="2">DOC TYPE</td><td colspan="2" rowspan="2">DOC PART</td><td colspan="2" rowspan="2">REVISION</td></tr><tr><td>0 PLACES</td><td>±</td><td></td><td>±</td></tr><tr><td colspan="4">ANGULAR TOL ± 3.0 °</td><td colspan="4">THIRD ANGLE PROJECTION</td><td colspan="2">DRAWING</td><td colspan="2">SERIES</td><td colspan="2">MATERIAL NUMBER</td><td colspan="2">CUSTOMER</td><td colspan="2">SHEET NUMBER</td></tr><tr><td colspan="4">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="4"></td><td colspan="2">A3-SIZE</td><td colspan="2">87914</td><td colspan="2">SEE TABLE</td><td colspan="2">GENERAL MARKET</td><td colspan="2">16 OF 46</td></tr></table>																			DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex				mm		NTS		GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 835398 DRWN: MEGHRB 2025/08/26 CHK'D: GANESY 2025/09/24 APPR: GANESY 2025/09/24 INITIAL REVISION: DRWN: YLQIAO 2005/01/17 APPR: SCLOW 2005/01/25				PRODUCT CUSTOMER DRAWING					MM	INCH		4 PLACES	±		±	3 PLACES	±		±	2 PLACES	±	0.2	±	1 PLACE	±		±	DOCUMENT NUMBER				SD-87914-013		DOC TYPE		DOC PART		REVISION		0 PLACES	±		±	ANGULAR TOL ± 3.0 °				THIRD ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								A3-SIZE		87914		SEE TABLE		GENERAL MARKET		16 OF 46	
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex																																																																																																														
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GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 835398 DRWN: MEGHRB 2025/08/26 CHK'D: GANESY 2025/09/24 APPR: GANESY 2025/09/24 INITIAL REVISION: DRWN: YLQIAO 2005/01/17 APPR: SCLOW 2005/01/25				PRODUCT CUSTOMER DRAWING																																																																																																														
	MM	INCH																																																																																																																				
4 PLACES	±		±																																																																																																																			
3 PLACES	±		±																																																																																																																			
2 PLACES	±	0.2	±																																																																																																																			
1 PLACE	±		±	DOCUMENT NUMBER				SD-87914-013		DOC TYPE		DOC PART		REVISION																																																																																																								
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								A3-SIZE		87914		SEE TABLE		GENERAL MARKET		16 OF 46																																																																																																						
DOCUMENT STATUS		P1	RELEASE DATE	2025/09/24	09:56:17	7		6		5		4		3		2		1																																																																																																				
FORMAT: Met-lega-master-ib-prod-A3 REVISION: E DATE: 2020/01/14		9		8		7		6		5		4		3		2		1																																																																																																				

10		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																				
87914-2611	-----	-----	-----	-----	26	-----	1	33.02	30.48	10.92	5.84	2.79																				
87914-2621	-----	-----	-----	-----	26	-----	1	33.02	30.48	12.25	7.00	2.96																				
87914-2631	-----	-----	-----	-----	26	-----	1	33.02	30.48	13.38	6.09	5.00																				
87914-2612	-----	-----	-----	-----	26	-----	2	33.02	30.48	10.92	5.84	2.79																				
87914-2622	-----	-----	-----	-----	26	-----	2	33.02	30.48	12.25	7.00	2.96																				
87914-2632	-----	-----	-----	-----	26	-----	2	33.02	30.48	13.38	6.09	5.00																				
87914-2613	-----	-----	-----	-----	26	-----	3	33.02	30.48	10.92	5.84	2.79																				
87914-2623	-----	-----	-----	-----	26	-----	3	33.02	30.48	12.25	7.00	2.96																				
87914-2633	-----	-----	-----	-----	26	-----	3	33.02	30.48	13.38	6.09	5.00																				
87914-2614	-----	-----	-----	-----	26	-----	4	33.02	30.48	10.92	5.84	2.79																				
87914-2624	-----	-----	-----	-----	26	-----	4	33.02	30.48	12.25	7.00	2.96																				
87914-2634	-----	-----	-----	-----	26	-----	4	33.02	30.48	13.38	6.09	5.00																				
87914-2615	-----	-----	-----	-----	26	-----	5	33.02	30.48	10.92	5.84	2.79																				
87914-2625	-----	-----	-----	-----	26	-----	5	33.02	30.48	12.25	7.00	2.96																				
87914-2635	-----	-----	-----	-----	26	-----	5	33.02	30.48	13.38	6.09	5.00																				
87914-2616	-----	-----	-----	-----	26	-----	6	33.02	30.48	10.92	5.84	2.79																				
87914-2617	-----	-----	-----	-----	26	-----	6	33.02	30.48	10.92	5.84	2.79																				
87914-2626	-----	-----	-----	-----	26	-----	6	33.02	30.48	12.25	7.00	2.96																				
87914-2627	-----	-----	-----	-----	26	-----	6	33.02	30.48	12.25	7.00	2.96																				
87914-2636	-----	-----	-----	-----	26	-----	6	33.02	30.48	13.38	6.09	5.00																				
87914-2601	-----	-----	-----	-----	26	-----	4	33.02	30.48	13.21	8.13	2.79																				
87914-2602	-----	-----	-----	-----	26	-----	5	33.02	30.48	13.21	8.13	2.79																				
87914-2603	-----	-----	-----	-----	26	-----	6	33.02	30.48	13.21	8.13	2.79																				
87914-2604	-----	-----	-----	-----	26	-----	4	33.02	30.48	11.11	6.10	2.72																				
87914-2605	-----	-----	-----	-----	26	-----	5	33.02	30.48	11.11	6.10	2.72																				
87914-2606	-----	-----	-----	-----	26	-----	6	33.02	30.48	11.11	6.10	2.72																				
87914-2607	-----	-----	-----	-----	26	-----	6	33.02	30.48	11.11	6.10	2.72																				

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	± 0.2	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 3.0 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

87914

CURRENT REV DESC:

EC NO: 835398

DRWN: MEGHRB

CHK'D: GANESY

APPR: GANESY

2025/08/26

2025/09/24

2025/09/24

INITIAL REVISION:

DRWN: YLQIAO

APPR: SCLOW

2005/01/17

2005/01/25

DOCUMENT NUMBER

SD-87914-013

DOC TYPE

PSD

DOC PART

000

REVISION

D31

PRODUCT CUSTOMER DRAWING

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

18 OF 46

molex

2.54MM PITCH
DUAL ROW HEADER SINGLE WAFER, T/H

[illegible]

[illegible]

10		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		
87914-3811	-----	-----	-----	-----	38	-----	1	48.26	45.72	10.92	5.84	2.79							
87914-3821	-----	-----	-----	-----	38	-----	1	48.26	45.72	12.25	7.00	2.96							
87914-3831	-----	-----	-----	-----	38	-----	1	48.26	45.72	13.38	6.09	5.00							
87914-3812	-----	-----	-----	-----	38	-----	2	48.26	45.72	10.92	5.84	2.79							
87914-3822	-----	-----	-----	-----	38	-----	2	48.26	45.72	12.25	7.00	2.96							
87914-3832	-----	-----	-----	-----	38	-----	2	48.26	45.72	13.38	6.09	5.00							
87914-3813	-----	-----	-----	-----	38	-----	3	48.26	45.72	10.92	5.84	2.79							
87914-3823	-----	-----	-----	-----	38	-----	3	48.26	45.72	12.25	7.00	2.96							
87914-3833	-----	-----	-----	-----	38	-----	3	48.26	45.72	13.38	6.09	5.00							
87914-3814	-----	-----	-----	-----	38	-----	4	48.26	45.72	10.92	5.84	2.79							
87914-3824	-----	-----	-----	-----	38	-----	4	48.26	45.72	12.25	7.00	2.96							
87914-3834	-----	-----	-----	-----	38	-----	4	48.26	45.72	13.38	6.09	5.00							
87914-3815	-----	-----	-----	-----	38	-----	5	48.26	45.72	10.92	5.84	2.79							
87914-3825	-----	-----	-----	-----	38	-----	5	48.26	45.72	12.25	7.00	2.96							
87914-3835	-----	-----	-----	-----	38	-----	5	48.26	45.72	13.38	6.09	5.00							
87914-3816	-----	-----	-----	-----	38	-----	6	48.26	45.72	10.92	5.84	2.79							
87914-3817	-----	-----	-----	-----	38	-----	6	48.26	45.72	10.92	5.84	2.79							
87914-3826	-----	-----	-----	-----	38	-----	6	48.26	45.72	12.25	7.00	2.96							
87914-3827	-----	-----	-----	-----	38	-----	6	48.26	45.72	12.25	7.00	2.96							
87914-3836	-----	-----	-----	-----	38	-----	6	48.26	45.72	13.38	6.09	5.00							
87914-3801	-----	-----	-----	-----	38	-----	4	48.26	45.72	13.21	8.13	2.79							
87914-3802	-----	-----	-----	-----	38	-----	5	48.26	45.72	13.21	8.13	2.79							
87914-3803	-----	-----	-----	-----	38	-----	6	48.26	45.72	13.21	8.13	2.79							
87914-3804	-----	-----	-----	-----	38	-----	4	48.26	45.72	11.11	6.10	2.72							
87914-3805	-----	-----	-----	-----	38	-----	5	48.26	45.72	11.11	6.10	2.72							
87914-3806	-----	-----	-----	-----	38	-----	6	48.26	45.72	11.11	6.10	2.72							
87914-3807	-----	-----	-----	-----	38	-----	6	48.26	45.72	11.11	6.10	2.72							
DOCUMENT STATUS		P1	RELEASE DATE	2025/09/24	09:56:17														
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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

MM

INCH

4 PLACES

±

±

3 PLACES

±

±

2 PLACES

±

0.2

±

1 PLACE

±

±

0 PLACES

±

±

ANGULAR TOL

±

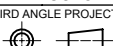
3.0 °

DRAFT WHERE APPLICABLE

MUST REMAIN

WITHIN DIMENSIONS

THIRD ANGLE PROJECTION



DRAWING

A3-SIZE

SERIES

87914

DOCUMENT NUMBER

SD-87914-013

DOC TYPE

PSD

DOC PART

000

REVISION

D31

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

24 OF 46

CURRENT REV DESC:

EC NO: 835398

DRWN: MEGHRB

CHK'D: GANESY

APPR: GANESY

2025/08/26

2025/09/24

2025/09/24

INITIAL REVISION:

DRWN: YLQIAO

APPR: SCLOW

2005/01/17

2005/01/25

2.54MM PITCH

DUAL ROW HEADER SINGLE WAFER, T/H

PRODUCT CUSTOMER DRAWING

FORMAT: Met-lega-master-ib-prod-A3

REVISION: E

DATE: 2020/01/14

9		8		7		6		5		4		3		2		1	
---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--	---	--

10		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		
87914-4011	-----	-----	-----	-----	40	-----	1	50.80	48.26	10.92	5.84	2.79							
87914-4021	-----	-----	-----	-----	40	-----	1	50.80	48.26	12.25	7.00	2.96							
87914-4031	-----	-----	-----	-----	40	-----	1	50.80	48.26	13.38	6.09	5.00							
87914-4012	-----	-----	-----	-----	40	-----	2	50.80	48.26	10.92	5.84	2.79							
87914-4022	-----	-----	-----	-----	40	-----	2	50.80	48.26	12.25	7.00	2.96							
87914-4032	-----	-----	-----	-----	40	-----	2	50.80	48.26	13.38	6.09	5.00							
87914-4013	-----	-----	-----	-----	40	-----	3	50.80	48.26	10.92	5.84	2.79							
87914-4023	-----	-----	-----	-----	40	-----	3	50.80	48.26	12.25	7.00	2.96							
87914-4033	-----	-----	-----	-----	40	-----	3	50.80	48.26	13.38	6.09	5.00							
87914-4014	-----	-----	-----	-----	40	-----	4	50.80	48.26	10.92	5.84	2.79							
87914-4024	-----	-----	-----	-----	40	-----	4	50.80	48.26	12.25	7.00	2.96							
87914-4034	-----	-----	-----	-----	40	-----	4	50.80	48.26	13.38	6.09	5.00							
87914-4015	-----	-----	-----	-----	40	-----	5	50.80	48.26	10.92	5.84	2.79							
87914-4025	-----	-----	-----	-----	40	-----	5	50.80	48.26	12.25	7.00	2.96							
87914-4035	-----	-----	-----	-----	40	-----	5	50.80	48.26	13.38	6.09	5.00							
87914-4016	-----	-----	-----	-----	40	-----	6	50.80	48.26	10.92	5.84	2.79							
87914-4017	-----	-----	-----	-----	40	-----	6	50.80	48.26	10.92	5.84	2.79							
87914-4026	-----	-----	-----	-----	40	-----	6	50.80	48.26	12.25	7.00	2.96							
87914-4027	-----	-----	-----	-----	40	-----	6	50.80	48.26	12.25	7.00	2.96							
87914-4036	-----	-----	-----	-----	40	-----	6	50.80	48.26	13.38	6.09	5.00							
87914-4001	-----	-----	-----	-----	40	-----	4	50.80	48.26	13.21	8.13	2.79							
87914-4002	-----	-----	-----	-----	40	-----	5	50.80	48.26	13.21	8.13	2.79							
87914-4003	-----	-----	-----	-----	40	-----	6	50.80	48.26	13.21	8.13	2.79							
87914-4004	-----	-----	-----	-----	40	-----	4	50.80	48.26	11.11	6.10	2.72							
87914-4005	-----	-----	-----	-----	40	-----	5	50.80	48.26	11.11	6.10	2.72							
87914-4006	-----	-----	-----	-----	40	-----	6	50.80	48.26	11.11	6.10	2.72							
87914-4007	-----	-----	-----	-----	40	-----	6	50.80	48.26	11.11	6.10	2.72							
DOCUMENT STATUS		P1	RELEASE DATE	2025/09/24	09:56:17														
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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

MM

INCH

4 PLACES

±

±

3 PLACES

±

±

2 PLACES

±

0.2

±

1 PLACE

±

±

0 PLACES

±

±

ANGULAR TOL

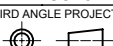
±

3.0 °

DRAFT WHERE APPLICABLE

MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION



DRAWING

A3-SIZE

SERIES

87914

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

25 OF 46

CURRENT REV DESC:

EC NO: 835398

DRWN: MEGHRB

CHK'D: GANESY

APPR: GANESY

2025/08/26

2025/09/24

2025/09/24

INITIAL REVISION:

DRWN: YLQIAO

APPR: SCLOW

2025/01/17

2025/01/25

DOCUMENT NUMBER

SD-87914-013

DOC TYPE

PSD

DOC PART

000

REVISION

D31

2.54MM PITCH

DUAL ROW HEADER SINGLE WAFER, T/H

PRODUCT CUSTOMER DRAWING

molex

10		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																	
87914-4211	-----	-----	-----	-----	42	-----	1	53.34	50.80	10.92	5.84	2.79																	
87914-4221	-----	-----	-----	-----	42	-----	1	53.34	50.80	12.25	7.00	2.96																	
87914-4212	-----	-----	-----	-----	42	-----	2	53.34	50.80	10.92	5.84	2.79																	
87914-4222	-----	-----	-----	-----	42	-----	2	53.34	50.80	12.25	7.00	2.96																	
87914-4213	-----	-----	-----	-----	42	-----	3	53.34	50.80	10.92	5.84	2.79																	
87914-4223	-----	-----	-----	-----	42	-----	3	53.34	50.80	12.25	7.00	2.96																	
87914-4214	-----	-----	-----	-----	42	-----	4	53.34	50.80	10.92	5.84	2.79																	
87914-4224	-----	-----	-----	-----	42	-----	4	53.34	50.80	12.25	7.00	2.96																	
87914-4215	-----	-----	-----	-----	42	-----	5	53.34	50.80	10.92	5.84	2.79																	
87914-4225	-----	-----	-----	-----	42	-----	5	53.34	50.80	12.25	7.00	2.96																	
87914-4216	-----	-----	-----	-----	42	-----	6	53.34	50.80	10.92	5.84	2.79																	
87914-4217	-----	-----	-----	-----	42	-----	6	53.34	50.80	10.92	5.84	2.79																	
87914-4226	-----	-----	-----	-----	42	-----	6	53.34	50.80	12.25	7.00	2.96																	
87914-4227	-----	-----	-----	-----	42	-----	6	53.34	50.80	12.25	7.00	2.96																	
87914-4201	-----	-----	-----	-----	42	-----	4	53.34	50.80	13.21	8.13	2.79																	
87914-4202	-----	-----	-----	-----	42	-----	5	53.34	50.80	13.21	8.13	2.79																	
87914-4203	-----	-----	-----	-----	42	-----	6	53.34	50.80	13.21	8.13	2.79																	
87914-4204	-----	-----	-----	-----	42	-----	4	53.34	50.80	11.11	6.10	2.72																	
87914-4205	-----	-----	-----	-----	42	-----	5	53.34	50.80	11.11	6.10	2.72																	
87914-4206	-----	-----	-----	-----	42	-----	6	53.34	50.80	11.11	6.10	2.72																	
87914-4207	-----	-----	-----	-----	42	-----	6	53.34	50.80	11.11	6.10	2.72																	

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	± 0.2	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 3.0 °	

DRAFT WHERE APPLICABLE

MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 835398
DRWN: MEGHRB
CHK'D: GANESY
APPR: GANESY

2025/08/26
2025/09/24
2025/09/24

INITIAL REVISION:
DRWN: YLQIAO
APPR: SCLOW

2005/01/17
2005/01/25

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

87914

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

26 OF 46

SD-87914-013

PSD

000

D31

2.54MM PITCH

DUAL ROW HEADER SINGLE WAFER, T/H

PRODUCT CUSTOMER DRAWING

[illegible]

10		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										
87914-4611	-----	-----	-----	-----	46	-----	1	58.42	55.88	10.92	5.84	2.79										
87914-4621	-----	-----	-----	-----	46	-----	1	58.42	55.88	12.25	7.00	2.96										
87914-4612	-----	-----	-----	-----	46	-----	2	58.42	55.88	10.92	5.84	2.79										
87914-4622	-----	-----	-----	-----	46	-----	2	58.42	55.88	12.25	7.00	2.96										
87914-4613	-----	-----	-----	-----	46	-----	3	58.42	55.88	10.92	5.84	2.79										
87914-4623	-----	-----	-----	-----	46	-----	3	58.42	55.88	12.25	7.00	2.96										
87914-4614	-----	-----	-----	-----	46	-----	4	58.42	55.88	10.92	5.84	2.79										
87914-4624	-----	-----	-----	-----	46	-----	4	58.42	55.88	12.25	7.00	2.96										
87914-4615	-----	-----	-----	-----	46	-----	5	58.42	55.88	10.92	5.84	2.79										
87914-4625	-----	-----	-----	-----	46	-----	5	58.42	55.88	12.25	7.00	2.96										
87914-4616	-----	-----	-----	-----	46	-----	6	58.42	55.88	10.92	5.84	2.79										
87914-4617	-----	-----	-----	-----	46	-----	6	58.42	55.88	10.92	5.84	2.79										
87914-4626	-----	-----	-----	-----	46	-----	6	58.42	55.88	12.25	7.00	2.96										
87914-4627	-----	-----	-----	-----	46	-----	6	58.42	55.88	12.25	7.00	2.96										
87914-4601	-----	-----	-----	-----	46	-----	4	58.42	55.88	13.21	8.13	2.79										
87914-4602	-----	-----	-----	-----	46	-----	5	58.42	55.88	13.21	8.13	2.79										
87914-4603	-----	-----	-----	-----	46	-----	6	58.42	55.88	13.21	8.13	2.79										
87914-4604	-----	-----	-----	-----	46	-----	4	58.42	55.88	11.11	6.10	2.72										
87914-4605	-----	-----	-----	-----	46	-----	5	58.42	55.88	11.11	6.10	2.72										
87914-4606	-----	-----	-----	-----	46	-----	6	58.42	55.88	11.11	6.10	2.72										
87914-4607	-----	-----	-----	-----	46	-----	6	58.42	55.88	11.11	6.10	2.72										
DOCUMENT STATUS		P1	RELEASE DATE	2025/09/24	09:56:17	7		6		5		4		3		2		1				
FORMAT: Met-lega-master-ib-prod-A3		9		8		7		6		5		4		3		2		1				
REVISION: E																						
DATE: 2020/01/14																						

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DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	± 0.2	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 3.0 °	

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

87914

CURRENT REV DESC:

EC NO: 835398
DRWN: MEGHRB
CHK'D: GANESY
APPR: GANESY

2025/08/26
2025/09/24
2025/09/24

INITIAL REVISION:

DRWN: YLQIAO
APPR: SCLOW

2005/01/17
2005/01/25

DOCUMENT NUMBER

SD-87914-013

DOC TYPE

PSD

DOC PART

000

REVISION

D31

PRODUCT CUSTOMER DRAWING

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

28 OF 46

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	± 0.2	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 3.0 °	

DRAFT WHERE APPLICABLE

MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 835398

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2025/08/26

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THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

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REVISION

D31

PRODUCT CUSTOMER DRAWING

2.54MM PITCH

DUAL ROW HEADER SINGLE WAFER, T/H

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

28 OF 46

10		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										
87914-4811	-----	-----	-----	-----	48	-----	1	60.96	58.42	10.92	5.84	2.79										
87914-4821	-----	-----	-----	-----	48	-----	1	60.96	58.42	12.25	7.00	2.96										
87914-4812	-----	-----	-----	-----	48	-----	2	60.96	58.42	10.92	5.84	2.79										
87914-4822	-----	-----	-----	-----	48	-----	2	60.96	58.42	12.25	7.00	2.96										
87914-4813	-----	-----	-----	-----	48	-----	3	60.96	58.42	10.92	5.84	2.79										
87914-4823	-----	-----	-----	-----	48	-----	3	60.96	58.42	12.25	7.00	2.96										
87914-4814	-----	-----	-----	-----	48	-----	4	60.96	58.42	10.92	5.84	2.79										
87914-4824	-----	-----	-----	-----	48	-----	4	60.96	58.42	12.25	7.00	2.96										
87914-4815	-----	-----	-----	-----	48	-----	5	60.96	58.42	10.92	5.84	2.79										
87914-4825	-----	-----	-----	-----	48	-----	5	60.96	58.42	12.25	7.00	2.96										
87914-4816	-----	-----	-----	-----	48	-----	6	60.96	58.42	10.92	5.84	2.79										
87914-4817	-----	-----	-----	-----	48	-----	6	60.96	58.42	10.92	5.84	2.79										
87914-4826	-----	-----	-----	-----	48	-----	6	60.96	58.42	12.25	7.00	2.96										
87914-4827	-----	-----	-----	-----	48	-----	6	60.96	58.42	12.25	7.00	2.96										
87914-4801	-----	-----	-----	-----	48	-----	4	60.96	58.42	13.21	8.13	2.79										
87914-4802	-----	-----	-----	-----	48	-----	5	60.96	58.42	13.21	8.13	2.79										
87914-4803	-----	-----	-----	-----	48	-----	6	60.96	58.42	13.21	8.13	2.79										
87914-4804	-----	-----	-----	-----	48	-----	4	60.96	58.42	11.11	6.10	2.72										
87914-4805	-----	-----	-----	-----	48	-----	5	60.96	58.42	11.11	6.10	2.72										
87914-4806	-----	-----	-----	-----	48	-----	6	60.96	58.42	11.11	6.10	2.72										
87914-4807	-----	-----	-----	-----	48	-----	6	60.96	58.42	11.11	6.10	2.72										

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DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	± 0.2	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 3.0 °	

DRAFT WHERE APPLICABLE

MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 835398

DRWN: MEGHRB

CHK'D: GANESY

APPR: GANESY

2025/08/26

2025/09/24

2025/09/24

INITIAL REVISION:

DRWN: YLQIAO

APPR: SCLOW

2005/01/17

2005/01/25

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

87914

DOCUMENT NUMBER

SD-87914-013

DOC TYPE

PSD

DOC PART

000

REVISION

D31

PRODUCT CUSTOMER DRAWING

2.54MM PITCH

DUAL ROW HEADER SINGLE WAFER, T/H

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

29 OF 46

[illegible]

10		9		8		7		6		5		4		3		2		1																																																																																																																																
F	PART NO FOR BULK PACKAGING	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																																																																																																																																								
						A	B	F	M	P																																																																																																																																								
	87914-5211	-----	-----	-----	-----	-----	52	-----	1	66.04	63.50	10.92	5.84	2.79																																																																																																																																				
	87914-5221	-----	-----	-----	-----	-----	52	-----	1	66.04	63.50	12.25	7.00	2.96																																																																																																																																				
	87914-5212	-----	-----	-----	-----	-----	52	-----	2	66.04	63.50	10.92	5.84	2.79																																																																																																																																				
	87914-5222	-----	-----	-----	-----	-----	52	-----	2	66.04	63.50	12.25	7.00	2.96																																																																																																																																				
	87914-5213	-----	-----	-----	-----	-----	52	-----	3	66.04	63.50	10.92	5.84	2.79																																																																																																																																				
	87914-5223	-----	-----	-----	-----	-----	52	-----	3	66.04	63.50	12.25	7.00	2.96																																																																																																																																				
E	87914-5214	-----	-----	-----	-----	-----	52	-----	4	66.04	63.50	10.92	5.84	2.79																																																																																																																																				
	87914-5224	-----	-----	-----	-----	-----	52	-----	4	66.04	63.50	12.25	7.00	2.96																																																																																																																																				
	87914-5215	-----	-----	-----	-----	-----	52	-----	5	66.04	63.50	10.92	5.84	2.79																																																																																																																																				
	87914-5225	-----	-----	-----	-----	-----	52	-----	5	66.04	63.50	12.25	7.00	2.96																																																																																																																																				
	87914-5216	-----	-----	-----	-----	-----	52	-----	6	66.04	63.50	10.92	5.84	2.79																																																																																																																																				
	87914-5226	-----	-----	-----	-----	-----	52	-----	6	66.04	63.50	12.25	7.00	2.96																																																																																																																																				
	87914-5227	-----	-----	-----	-----	-----	52	-----	6	66.04	63.50	12.25	7.00	2.96																																																																																																																																				
	-----	87914-5201	-----	-----	-----	-----	52	-----	4	66.04	63.50	13.21	8.13	2.79																																																																																																																																				
	-----	87914-5202	-----	-----	-----	-----	52	-----	5	66.04	63.50	13.21	8.13	2.79																																																																																																																																				
	-----	87914-5203	-----	-----	-----	-----	52	-----	6	66.04	63.50	13.21	8.13	2.79																																																																																																																																				
	-----	87914-5204	-----	-----	-----	-----	52	-----	4	66.04	63.50	11.11	6.10	2.72																																																																																																																																				
	-----	87914-5205	-----	-----	-----	-----	52	-----	5	66.04	63.50	11.11	6.10	2.72																																																																																																																																				
D	-----	87914-5206	-----	-----	-----	-----	52	-----	6	66.04	63.50	11.11	6.10	2.72																																																																																																																																				
	-----	87914-5207	-----	-----	-----	-----	52	-----	6	66.04	63.50	11.11	6.10	2.72																																																																																																																																				
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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION <table><tr><td colspan="2">DIMENSION UNITS</td><td colspan="2">SCALE</td><td colspan="4" rowspan="4">CURRENT REV DESC:</td><td colspan="4" rowspan="4"> molex </td></tr><tr><td colspan="2">mm</td><td colspan="2">NTS</td></tr><tr><td colspan="4">GENERAL TOLERANCES (UNLESS SPECIFIED)</td></tr><tr><td></td><td>MM</td><td colspan="2">INCH</td></tr><tr><td>4 PLACES</td><td>±</td><td></td><td>±</td><td colspan="4" rowspan="4">EC NO: 835398 DRWN: MEGHRB 2025/08/26 CHK'D: GANESY 2025/09/24 APPR: GANESY 2025/09/24</td><td colspan="4" rowspan="4">2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H</td></tr><tr><td>3 PLACES</td><td>±</td><td></td><td>±</td></tr><tr><td>2 PLACES</td><td>±</td><td>0.2</td><td>±</td></tr><tr><td>1 PLACE</td><td>±</td><td></td><td>±</td></tr><tr><td>0 PLACES</td><td>±</td><td></td><td>±</td><td colspan="4">INITIAL REVISION:</td><td colspan="4">DOCUMENT NUMBER</td></tr><tr><td colspan="4">ANGULAR TOL ± 3.0 °</td><td colspan="4">DRWN: YLQIAO 2005/01/17</td><td colspan="4">SD-87914-013</td></tr><tr><td colspan="4">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2">THIRD ANGLE PROJECTION</td><td colspan="2">DRAWING</td><td colspan="2">SERIES</td><td colspan="2">MATERIAL NUMBER</td><td colspan="2">CUSTOMER</td><td colspan="2">SHEET NUMBER</td></tr><tr><td colspan="4"></td><td colspan="2"></td><td colspan="2">A3-SIZE</td><td colspan="2">87914</td><td colspan="2">SEE TABLE</td><td colspan="2">GENERAL MARKET</td><td colspan="2">31 OF 46</td></tr></table> FORMAT: Met-lega-master-ib-prod-A3 REVISION: E DATE: 2020/01/14 <table><tr><td colspan="2">DOCUMENT STATUS</td><td>P1</td><td>RELEASE DATE</td><td>2025/09/24</td><td>09:56:17</td><td colspan="2">9</td><td colspan="2">8</td><td colspan="2">7</td><td colspan="2">6</td><td colspan="2">5</td><td colspan="2">4</td><td colspan="2">3</td><td colspan="2">2</td><td colspan="2">1</td></tr></table>																			DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex				mm		NTS		GENERAL TOLERANCES (UNLESS SPECIFIED)					MM	INCH		4 PLACES	±		±	EC NO: 835398 DRWN: MEGHRB 2025/08/26 CHK'D: GANESY 2025/09/24 APPR: GANESY 2025/09/24				2.54MM PITCH DUAL ROW HEADER SINGLE WAFER, T/H				3 PLACES	±		±	2 PLACES	±	0.2	±	1 PLACE	±		±	0 PLACES	±		±	INITIAL REVISION:				DOCUMENT NUMBER				ANGULAR TOL ± 3.0 °				DRWN: YLQIAO 2005/01/17				SD-87914-013				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER								A3-SIZE		87914		SEE TABLE		GENERAL MARKET		31 OF 46		DOCUMENT STATUS		P1	RELEASE DATE	2025/09/24	09:56:17	9		8		7		6		5		4		3		2		1	
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex																																																																																																																																										
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ANGULAR TOL ± 3.0 °				DRWN: YLQIAO 2005/01/17				SD-87914-013																																																																																																																																										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER																																																																																																																																				
						A3-SIZE		87914		SEE TABLE		GENERAL MARKET		31 OF 46																																																																																																																																				
DOCUMENT STATUS		P1	RELEASE DATE	2025/09/24	09:56:17	9		8		7		6		5		4		3		2		1																																																																																																																												

[illegible]

[illegible]

[illegible]

10		9		8		7		6		5		4		3		2		1										
PART NO FOR BULK PACKAGING	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																			
									A	B	F	M	P															
87914-6011	-----	-----	-----	-----	-----	60	-----	1	76.20	73.66	10.92	5.84	2.79															
87914-6021	-----	-----	-----	-----	-----	60	-----	1	76.20	73.66	12.25	7.00	2.96															
87914-6012	-----	-----	-----	-----	-----	60	-----	2	76.20	73.66	10.92	5.84	2.79															
87914-6022	-----	-----	-----	-----	-----	60	-----	2	76.20	73.66	12.25	7.00	2.96															
87914-6013	-----	-----	-----	-----	-----	60	-----	3	76.20	73.66	10.92	5.84	2.79															
87914-6023	-----	-----	-----	-----	-----	60	-----	3	76.20	73.66	12.25	7.00	2.96															
87914-6014	-----	-----	-----	-----	-----	60	-----	4	76.20	73.66	10.92	5.84	2.79															
87914-6024	-----	-----	-----	-----	-----	60	-----	4	76.20	73.66	12.25	7.00	2.96															
87914-6015	-----	-----	-----	-----	-----	60	-----	5	76.20	73.66	10.92	5.84	2.79															
87914-6025	-----	-----	-----	-----	-----	60	-----	5	76.20	73.66	12.25	7.00	2.96															
87914-6016	-----	-----	-----	-----	-----	60	-----	6	76.20	73.66	10.92	5.84	2.79															
87914-6026	-----	-----	-----	-----	-----	60	-----	6	76.20	73.66	12.25	7.00	2.96															
87914-6027	-----	-----	-----	-----	-----	60	-----	6	76.20	73.66	12.25	7.00	2.96															
-----	87914-6001	-----	-----	-----	-----	60	-----	4	76.20	73.66	13.21	8.13	2.79															
-----	87914-6002	-----	-----	-----	-----	60	-----	5	76.20	73.66	13.21	8.13	2.79															
-----	87914-6003	-----	-----	-----	-----	60	-----	6	76.20	73.66	13.21	8.13	2.79															
-----	87914-6004	-----	-----	-----	-----	60	-----	4	76.20	73.66	11.11	6.10	2.72															
-----	87914-6005	-----	-----	-----	-----	60	-----	5	76.20	73.66	11.11	6.10	2.72															
-----	87914-6006	-----	-----	-----	-----	60	-----	6	76.20	73.66	11.11	6.10	2.72															
-----	87914-6007	-----	-----	-----	-----	60	-----	6	76.20	73.66	11.11	6.10	2.72															

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	± 0.2	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	± 3.0 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

87914

CURRENT REV DESC:

EC NO: 835398

DRWN: MEGHRB

CHK'D: GANESY

APPR: GANESY

2025/08/26

2025/09/24

2025/09/24

INITIAL REVISION:

DRWN: YLQIAO

APPR: SCLOW

2005/01/17

2005/01/25

DOCUMENT NUMBER

SD-87914-013

DOC TYPE

PSD

DOC PART

000

REVISION

D31

PRODUCT CUSTOMER DRAWING

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

35 OF 46

2.54MM PITCH

DUAL ROW HEADER SINGLE WAFER, T/H

molex

[illegible]

[illegible]

[illegible]

10		9		8		7		6		5		4		3		2		1	
PART NO FOR BULK PACKAGING	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										
									A	B	F	M	P						
87914-6811	-----	-----	-----	-----	-----	68	-----	1	86.36	83.82	10.92	5.84	2.79						
87914-6821	-----	-----	-----	-----	-----	68	-----	1	86.36	83.82	12.25	7.00	2.96						
87914-6812	-----	-----	-----	-----	-----	68	-----	2	86.36	83.82	10.92	5.84	2.79						
87914-6822	-----	-----	-----	-----	-----	68	-----	2	86.36	83.82	12.25	7.00	2.96						
87914-6813	-----	-----	-----	-----	-----	68	-----	3	86.36	83.82	10.92	5.84	2.79						
87914-6823	-----	-----	-----	-----	-----	68	-----	3	86.36	83.82	12.25	7.00	2.96						
87914-6814	-----	-----	-----	-----	-----	68	-----	4	86.36	83.82	10.92	5.84	2.79						
87914-6824	-----	-----	-----	-----	-----	68	-----	4	86.36	83.82	12.25	7.00	2.96						
87914-6815	-----	-----	-----	-----	-----	68	-----	5	86.36	83.82	10.92	5.84	2.79						
87914-6825	-----	-----	-----	-----	-----	68	-----	5	86.36	83.82	12.25	7.00	2.96						
87914-6816	-----	-----	-----	-----	-----	68	-----	6	86.36	83.82	10.92	5.84	2.79						
87914-6826	-----	-----	-----	-----	-----	68	-----	6	86.36	83.82	12.25	7.00	2.96						
87914-6827	-----	-----	-----	-----	-----	68	-----	6	86.36	83.82	12.25	7.00	2.96						
-----	87914-6801	-----	-----	-----	-----	68	-----	4	86.36	83.82	13.21	8.13	2.79						
-----	87914-6802	-----	-----	-----	-----	68	-----	5	86.36	83.82	13.21	8.13	2.79						
-----	87914-6803	-----	-----	-----	-----	68	-----	6	86.36	83.82	13.21	8.13	2.79						
-----	87914-6804	-----	-----	-----	-----	68	-----	4	86.36	83.82	11.11	6.10	2.72						
-----	87914-6805	-----	-----	-----	-----	68	-----	5	86.36	83.82	11.11	6.10	2.72						
-----	87914-6806	-----	-----	-----	-----	68	-----	6	86.36	83.82	11.11	6.10	2.72						
-----	87914-6807	-----	-----	-----	-----	68	-----	6	86.36	83.82	11.11	6.10	2.72						

10		9		8		7		6		5		4		3		2		1	
PART NO FOR BULK PACKAGING	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					F					
									A	B	F	M	P						
87914-7011	-----	-----	-----	-----	-----	70	-----	1	88.90	86.36	10.92	5.84	2.79						
87914-7021	-----	-----	-----	-----	-----	70	-----	1	88.90	86.36	12.25	7.00	2.96						
87914-7012	-----	-----	-----	-----	-----	70	-----	2	88.90	86.36	10.92	5.84	2.79						
87914-7022	-----	-----	-----	-----	-----	70	-----	2	88.90	86.36	12.25	7.00	2.96						
87914-7013	-----	-----	-----	-----	-----	70	-----	3	88.90	86.36	10.92	5.84	2.79						
87914-7023	-----	-----	-----	-----	-----	70	-----	3	88.90	86.36	12.25	7.00	2.96						
87914-7014	-----	-----	-----	-----	-----	70	-----	4	88.90	86.36	10.92	5.84	2.79						
87914-7024	-----	-----	-----	-----	-----	70	-----	4	88.90	86.36	12.25	7.00	2.96						
87914-7015	-----	-----	-----	-----	-----	70	-----	5	88.90	86.36	10.92	5.84	2.79						
87914-7025	-----	-----	-----	-----	-----	70	-----	5	88.90	86.36	12.25	7.00	2.96						
87914-7016	-----	-----	-----	-----	-----	70	-----	6	88.90	86.36	10.92	5.84	2.79						
87914-7026	-----	-----	-----	-----	-----	70	-----	6	88.90	86.36	12.25	7.00	2.96						
87914-7027	-----	-----	-----	-----	-----	70	-----	6	88.90	86.36	12.25	7.00	2.96						
-----	87914-7001	-----	-----	-----	-----	70	-----	4	88.90	86.36	13.21	8.13	2.79						
-----	87914-7002	-----	-----	-----	-----	70	-----	5	88.90	86.36	13.21	8.13	2.79						
-----	87914-7003	-----	-----	-----	-----	70	-----	6	88.90	86.36	13.21	8.13	2.79						
-----	87914-7004	-----	-----	-----	-----	70	-----	4	88.90	86.36	11.11	6.10	2.72						
-----	87914-7005	-----	-----	-----	-----	70	-----	5	88.90	86.36	11.11	6.10	2.72						
-----	87914-7006	-----	-----	-----	-----	70	-----	6	88.90	86.36	11.11	6.10	2.72						
-----	87914-7007	-----	-----	-----	-----	70	-----	6	88.90	86.36	11.11	6.10	2.72						

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Diagram illustrating the dimensions and centering of the cap for two different component types.

Left Component: The cap has a width of 7.00 and a height of (G). The component has a total width of 7.50.

Right Component: The cap has a width of 7.50 and a height of (G). The component has a total width of 7.50.

CAP INFORMATION: CAP OPTION A

Left Diagram: The cap has a width of DIM B and a height of (G). The center of the cap (C/L OF CAP) is aligned with the center of the dimension B (C/L OF DIM. B). The formula for the cap size is: $\text{CKT SIZE} = \text{ODD COLUMN} \times 2 \text{ ROW}$ (EXAMPLE: 10CKT (5*2), 14CKT (7*2)).

Right Diagram: The cap has a width of DIM B and a height of (G). The center of the cap (C/L OF CAP) is offset by 1.27mm from the center of the dimension B (C/L OF DIM. B). The formula for the cap size is: $\text{CKT SIZE} = \text{EVEN COLUMN} \times 2 \text{ ROW}$ (EXAMPLE: 12CKT (6*2), 16CKT (8*2)).



C/L OF CAP = C/L OF DIM B

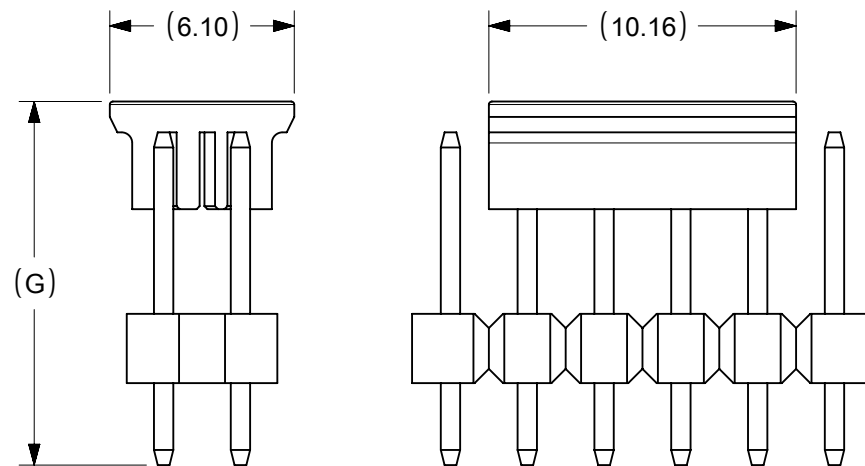
C/L OF CAP

C/L OF DIM. B

1.27

DIM B

C/L OF DIM B IS OFFSET BY 1.27MM WITH C/L OF CAP

[illegible]

C/L OF CAP = C/L OF DIM B

C/L OF DIM B IS OFFSET BY 1.27MM WITH C/L OF CAP

DOCUMENT STATUS	P1	RELEASE DATE	2025/09/24	09:56:17
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