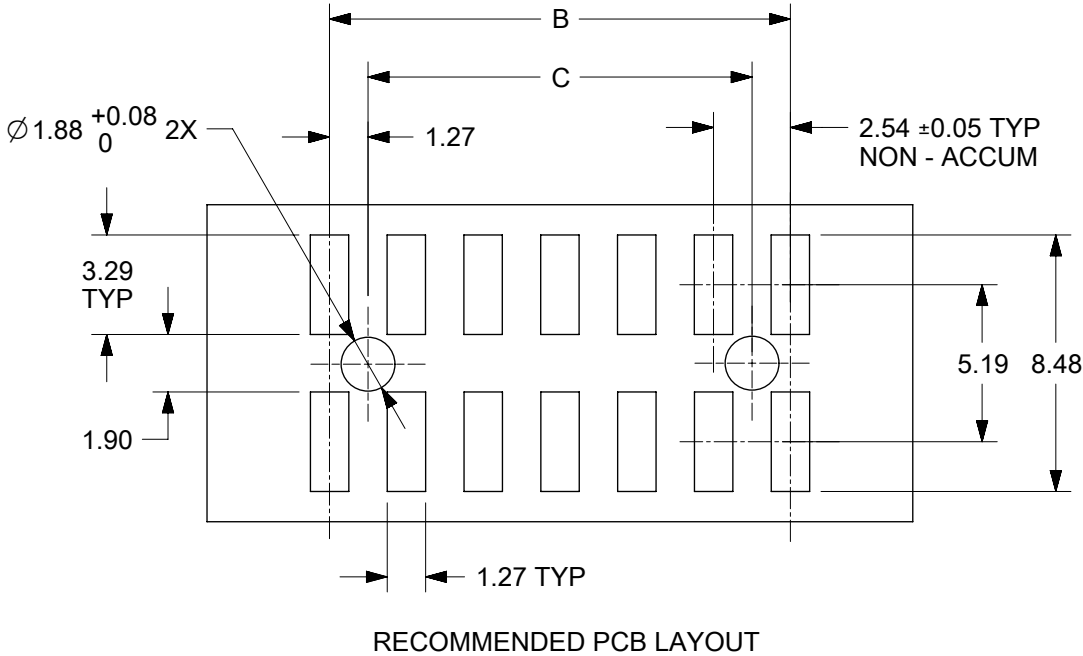
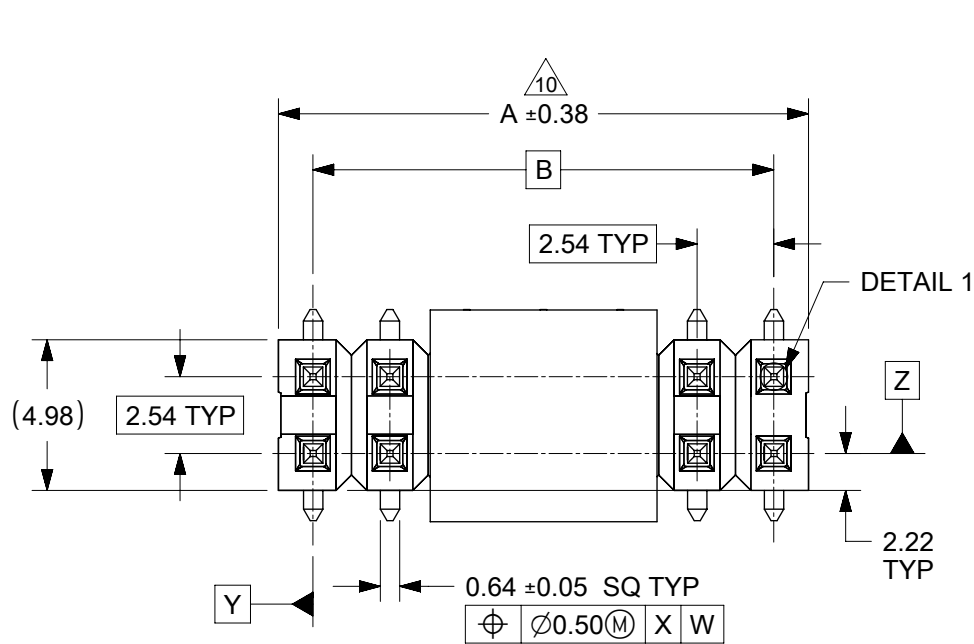




NOTES:

1. MATERIAL:

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

2. PLATING TYPE:

- (1) : 0.38 μ m MIN. GOLD PLATE ON CONTACT AND 2.00 μ m MIN. TIN ON SOLDER TAIL OVER 1.25 μ m MIN. NICKEL OVERALL.
- (2) : 0.75 μ m MIN. GOLD PLATE ON CONTACT AND 2.00 μ m MIN. TIN ON SOLDER TAIL OVER 1.25 μ m MIN. NICKEL OVERALL.
- (3) : 2.50 μ m MIN. TIN IN SELECTED AREA OVER 1.25 μ m MIN. NICKEL OVERALL.

3. PACKAGING TYPE: SEE TABLE

4. RECOMMENDED PCB THICKNESS 1.60 $\pm$ 0.10mm

5. PRODUCT SPECIFICATION: PS-87920-019

6. WAFER TO BE FLAT WITHIN 0.003mm/mm

7 BEND DEPRESSION IS ACCEPTED SO LONG AS IT DOES NOT AFFECT THE OVERALL COPLANARITY OF TAIL.

8 COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A FLAT SURFACE.

9 CAP LOCATION IS CENTERED ALONG THE MATING ENDS AS SHOWN. TOP SURFACE OF CAP TO BE FLAT FOR THE PURPOSE OF PICK & PLACE CAP BY VACUUM SUCTION NOZZLE.

10 IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PREMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE.

11. PARTS ARE NOT STACKABLE ON 2.54 CENTER.

12 COPLANARITY FOR SIZES UP TO 40 IS 0.15MM.

13. THE ABOVE CKT 14 IS FOR ILLUSTRATION PURPOSE ONLY.

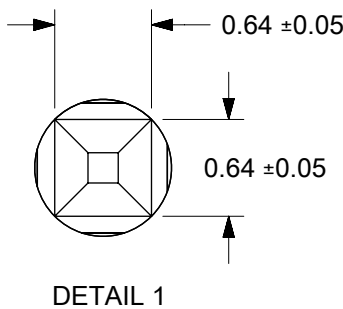
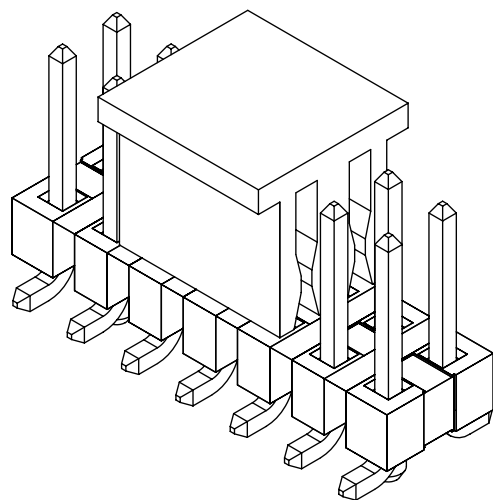
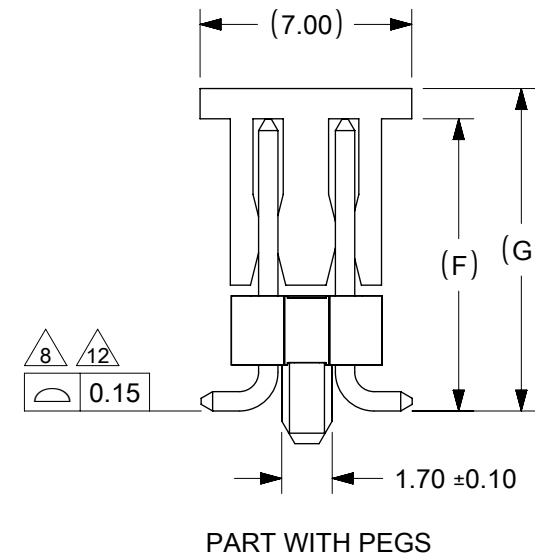
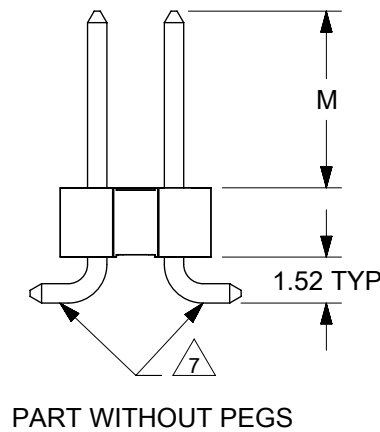
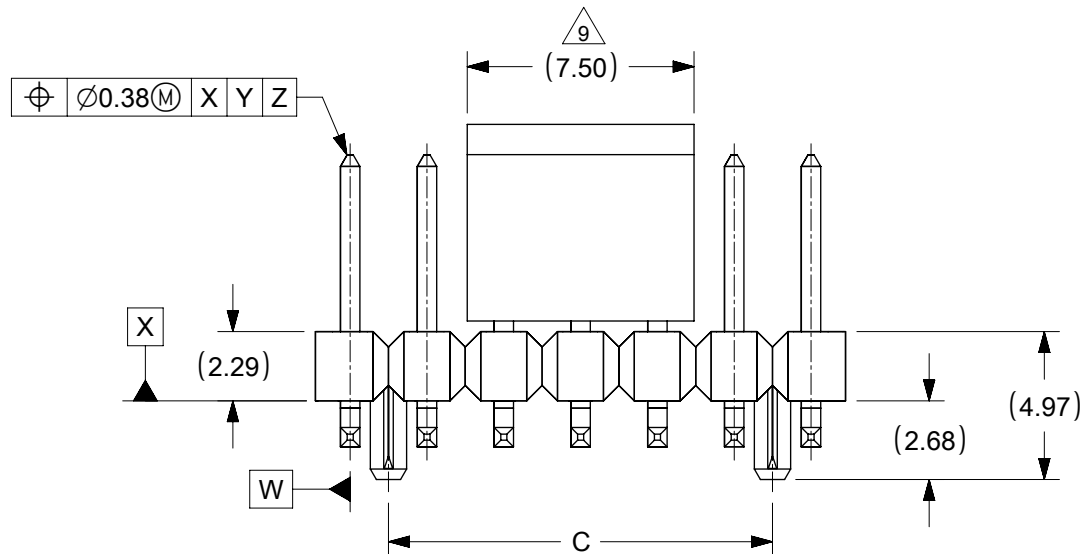
14. TUBE LENGTH IS 560MM PER STANDARD.

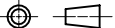
15. PACKAGING SPECIFICATION:

TUBE: PK-89990-478

TAPE & REEL: PK-89990-479

TRAY: PK-89990-489



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: BRIGHT TIN PHASE OUT						
mm		NTS		molex CUSTOM HEADER C-GRID HDR, SMT W/CAP WITH/WITHOUT LOC. PEGS PRODUCT CUSTOMER DRAWING						
GENERAL TOLERANCES (UNLESS SPECIFIED)										
	MM	INCH								
4 PLACES	±	±								
3 PLACES	±	±								
2 PLACES	± 0.2	±								
1 PLACE	±	±								
0 PLACES	±	±								
ANGULAR TOL		±	3.0 °	INITIAL REVISION:						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER		
				A3-SIZE	87920	SEE TABLE	GENERAL MARKET	1 OF 14		
EC NO: 679909				2021/06/30						
DRWN: AKUMAR19				2021/10/11						
CHK'D: MRAMAKRISHNA				2021/10/11						
APPR: MRAMAKRISHNA										
DRWN: SKLIM01				2006/05/25		SD-87920-001		PSD	001	C3
APPR: PATEY				2006/07/05						

DOCUMENT STATUS

P1

RELEASE DATE

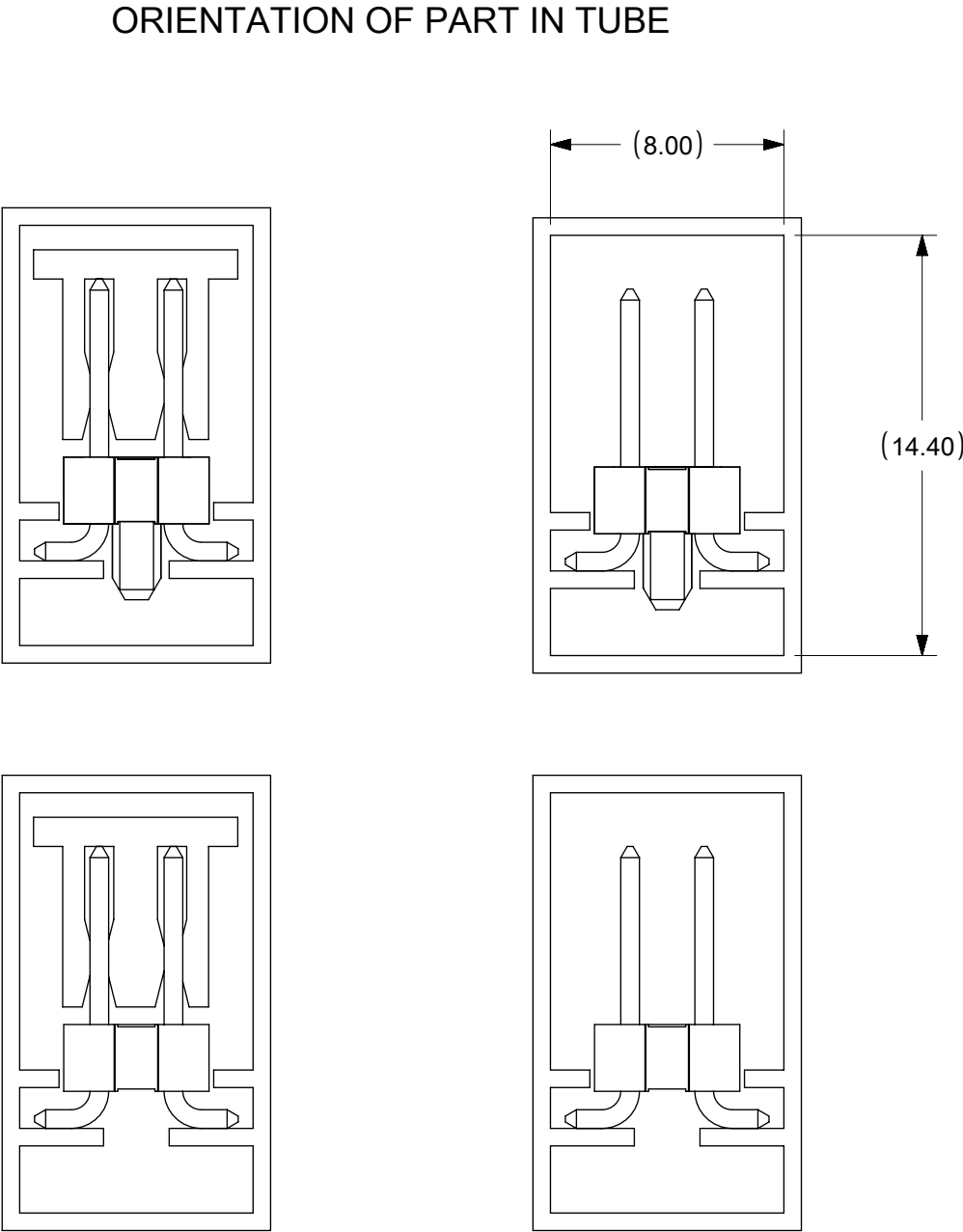
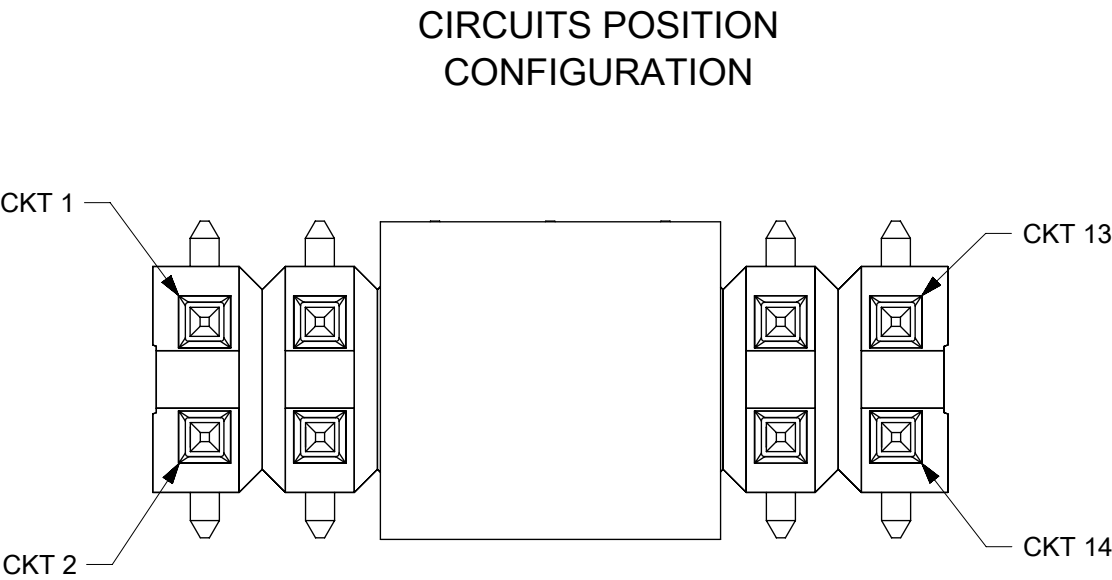
2021/10/11

11:53:34

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

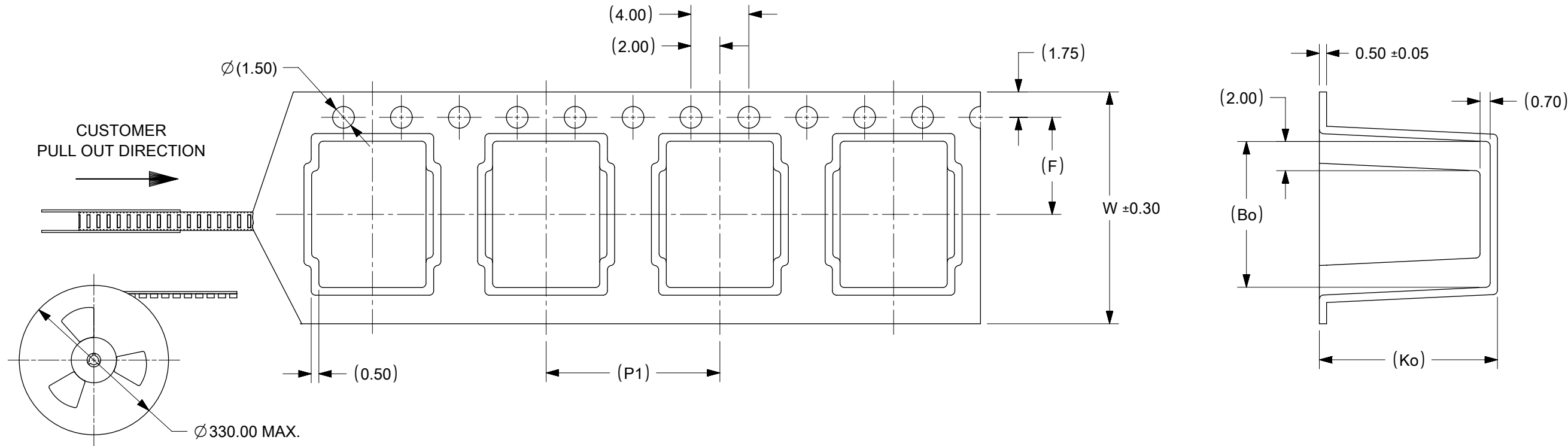
REVISION: E

DATE: 2020/01/14

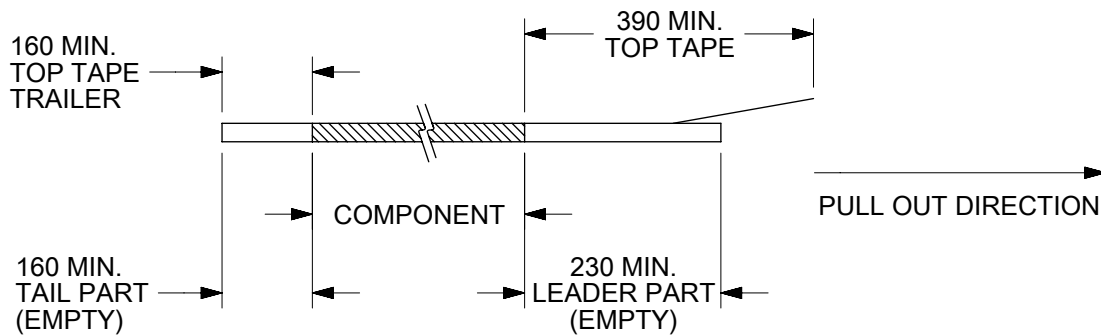


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC: BRIGHT TIN PHASE OUT			molex				
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)											
		MM	INCH	EC NO: 679909 DRWN: AKUMAR19 2021/06/30 CHK'D: MRAMAKRISHNA 2021/10/11 APPR: MRAMAKRISHNA 2021/10/11 INITIAL REVISION: DRWN: SKLIM01 2006/05/25 APPR: PATEY 2006/07/05			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
4 PLACES	±		±				SD-87920-001		PSD	001	C3
3 PLACES	±		±								
2 PLACES	±	0.2	±								
1 PLACE	±		±								
0 PLACES	±		±				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
ANGULAR TOL ± 3.0 °				THIRD ANGLE PROJECTION		DRAWING	SERIES	SEE TABLE	GENERAL MARKET	2 OF 14	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						A3-SIZE	87920				

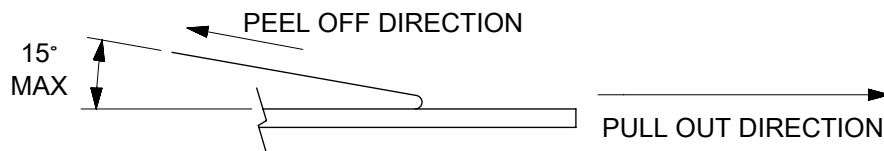
THIS TYPE OF CARRIER TAPE IS FOR CKT SIZE 04 ONLY



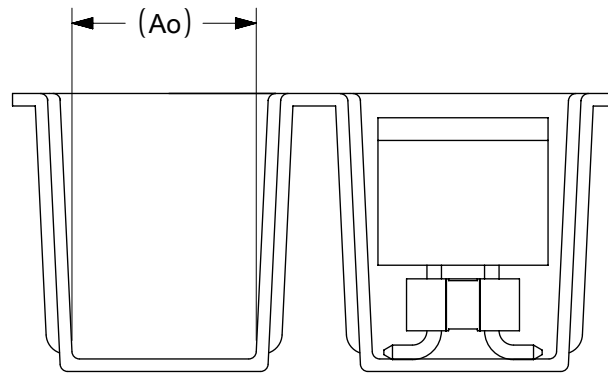
NOTES:
1. LEADER AND TRAILER TAPE



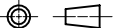
2. PEELING OFF FORCE OF THE TOP TAPE: 20-80gf.
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



3. PACKAGING STANDARD IS AS PER EIA-481.
4. TAPE & REEL QUANTITY = 500PCS/REEL
5. THE TAPE IS TREATED FOR ANTI-STATIC.



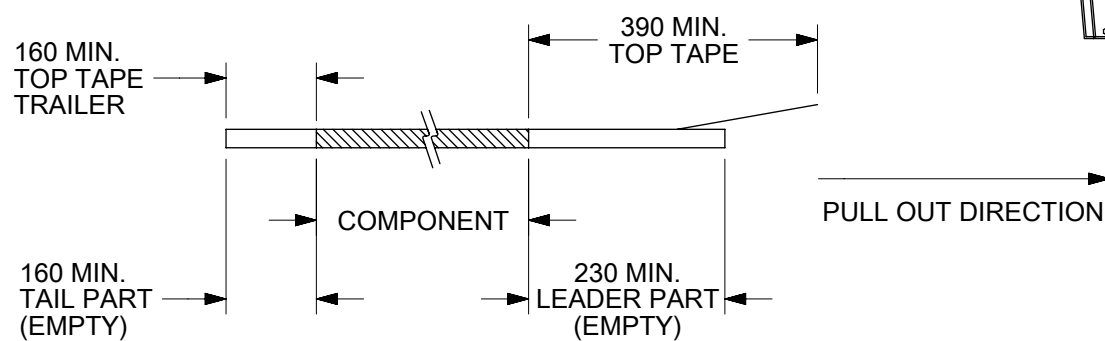
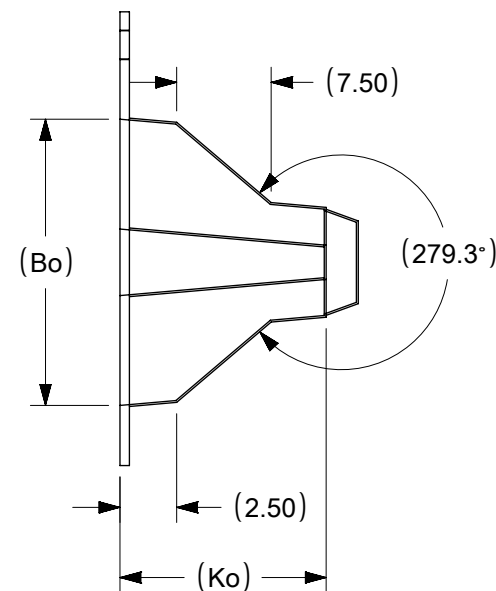
PART PACKED IN
TAPE & REEL
ORIENTATION

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: BRIGHT TIN PHASE OUT			molex						
mm		NTS											
GENERAL TOLERANCES (UNLESS SPECIFIED)				CUSTOM HEADER C-GRID HDR, SMT W/CAP WITH/WITHOUT LOC. PEGS PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER SD-87920-001 DOC TYPE PSD DOC PART 001 REVISION C3									
	MM	INCH											
4 PLACES	±		±										
3 PLACES	±		±										
2 PLACES	±	0.2	±										
1 PLACE	±		±										
0 PLACES	±		±										
ANGULAR TOL ± 3.0 °				EC NO: 679909									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: AKUMAR19			2021/06/30						
				CHK'D: MRAMAKRISHNA			2021/10/11						
				APPR: MRAMAKRISHNA			2021/10/11						
				INITIAL REVISION:									
THIRD ANGLE PROJECTION 				DRWN: SKLIM01			2006/05/25						
				APPR: PATEY			2006/07/05						
DRAWING A3-SIZE				SERIES 87920			MATERIAL NUMBER			CUSTOMER		SHEET NUMBER	
							SEE TABLE		GENERAL MARKET		3 OF 14		

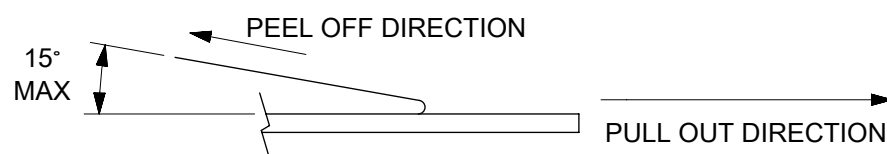
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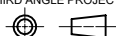
FORMAT: Met-lega-master-ib-prod-A3
REVISION: E
DATE: 2020/01/14



2. PEELING OFF FORCE OF THE TOP TAPE: 20-80gf.
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)

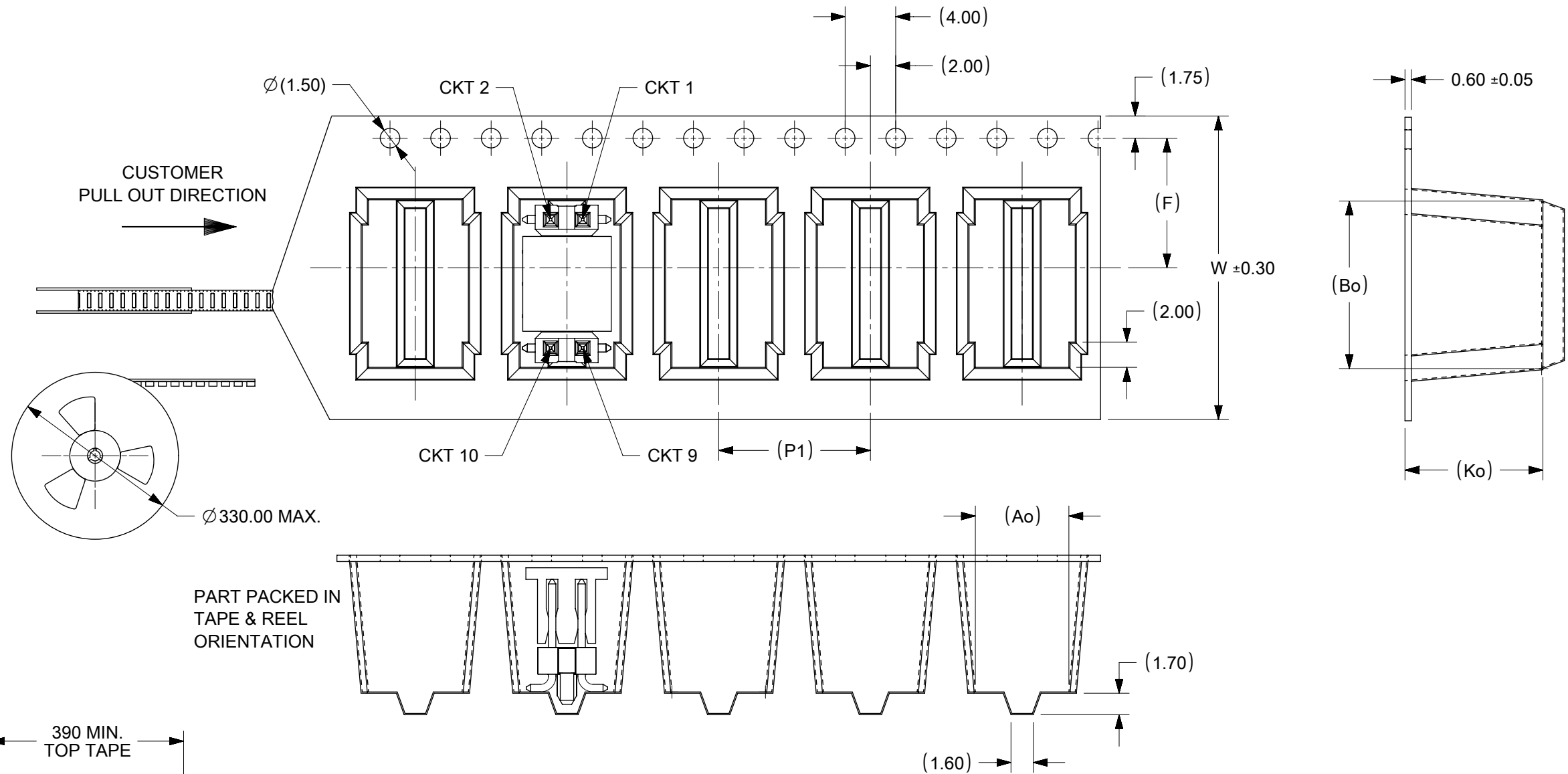


3. PACKAGING STANDARD IS AS PER EIA-481.
4. TAPE & REEL QUANTITY = 440PCS/REEL
5. THE TAPE IS TREATED FOR ANTI-STATIC.

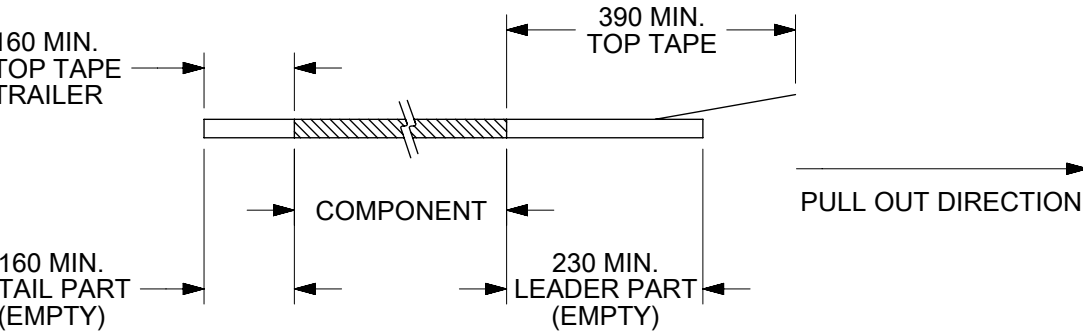
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
DIMENSION UNITS		SCALE		CURRENT REV DESC: BRIGHT TIN PHASE OUT				molex					
mm		NTS											
GENERAL TOLERANCES (UNLESS SPECIFIED)								CUSTOM HEADER C-GRID HDR, SMT W/CAP WITH/WITHOUT LOC. PEGS					
	MM	INCH											
4 PLACES	±		±	EC NO: 679909 DRWN: AKUMAR192021/06/30 CHK'D: MRAMAKRISHNA2021/10/11 APPR: MRAMAKRISHNA2021/10/11				PRODUCT CUSTOMER DRAWING					
3 PLACES	±		±										
2 PLACES	±	0.2	±										
1 PLACE	±		±	INITIAL REVISION: DRWN: SKLIM012006/05/25 APPR: PATEY2006/07/05				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
0 PLACES	±		±					SD-87920-001		PSD	001	C3	
ANGULAR TOL ± 3.0 °													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 87920		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET	SHEET NUMBER 4 OF 14

CKT	Ao	Bo	F	Ko	P1	W
08	7.40	10.70	11.50	10.80	12.00	24.00
10	7.40	13.25	11.50	10.80	12.00	24.00

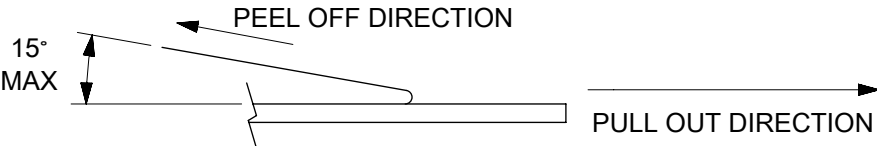
THIS TYPE OF CARRIER TAPE IS FOR CKT SIZE 08 AND 10



NOTES:
1. LEADER AND TRAILER TAPE



2. PEELING OFF FORCE OF THE TOP TAPE: 20-80gf.
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



3. PACKAGING STANDARD IS AS PER EIA-481.
4. TAPE & REEL QUANTITY = 440PCS/REEL
5. THE TAPE IS TREATED FOR ANTI-STATIC.
6. FOR ILLUSTRATION PURPOSE, 10CKT IS SHOWN.

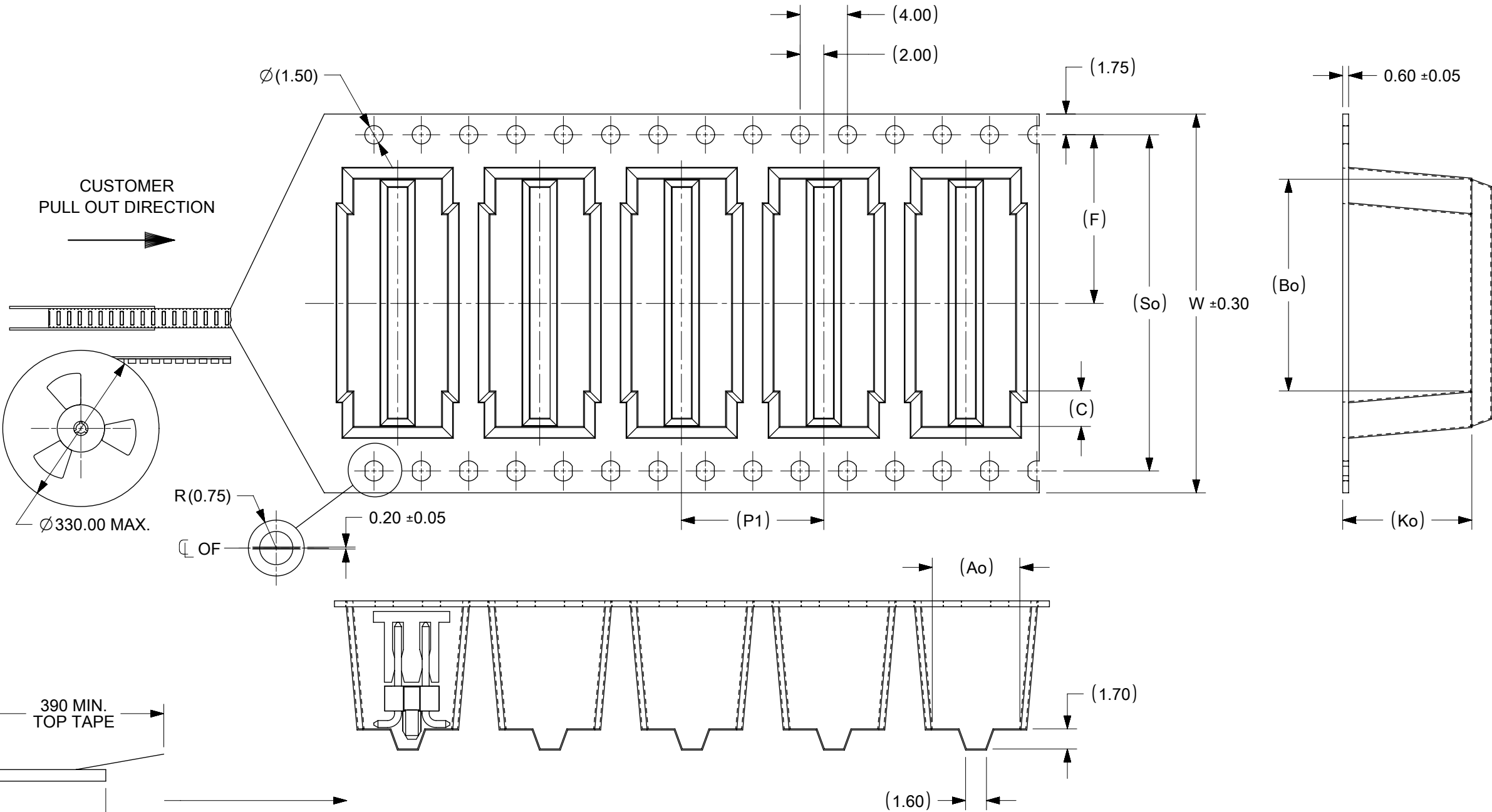
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC: BRIGHT TIN PHASE OUT				molex	
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 679909 DRWN: AKUMAR192021/06/30 CHK'D: MRAMAKRISHNA2021/10/11 APPR: MRAMAKRISHNA2021/10/11		CUSTOM HEADER C-GRID HDR, SMT W/CAP WITH/WITHOUT LOC. PEGS			
	MM	INCH							
4 PLACES	±	±							
3 PLACES	±	±							
2 PLACES	±0.2								
1 PLACE	±	±	INITIAL REVISION: DRWN: SKLIM012006/05/25 APPR: PATEY2006/07/05		PRODUCT CUSTOMER DRAWING				
0 PLACES	±	±							
ANGULAR TOL ± 3.0 °					DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					SD-87920-001		PSD	001	C3
THIRD ANGLE PROJECTION			DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
			A3-SIZE	87920	SEE TABLE		GENERAL MARKET		5 OF 14

DOCUMENT STATUS	P1	RELEASE DATE	2021/10/11	11:53:34
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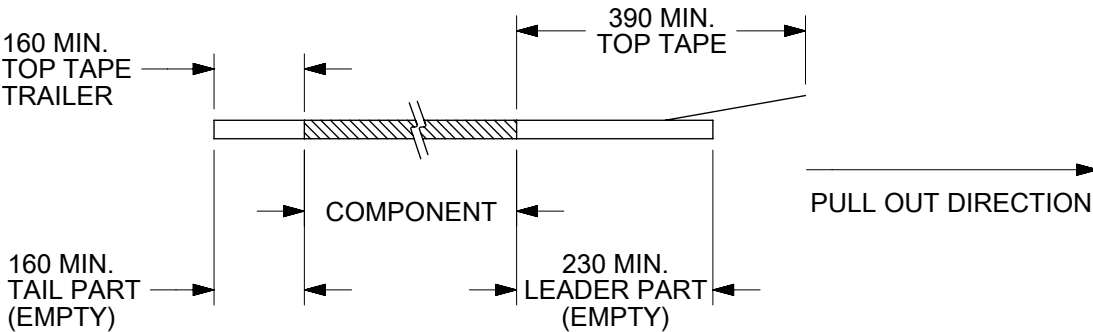
FORMAT: Met-lega-master-ib-prod-A3
REVISION: E
DATE: 2020/01/14

CKT	Ao	Bo	F	Ko	P1	So	W	C
14	7.40	18.33	14.20	10.80	12.00	28.40	32.00	3.00
16	7.40	20.90	14.20	10.80	12.00	28.40	32.00	3.00
20	7.40	25.95	20.20	10.80	12.00	40.40	44.00	5.00

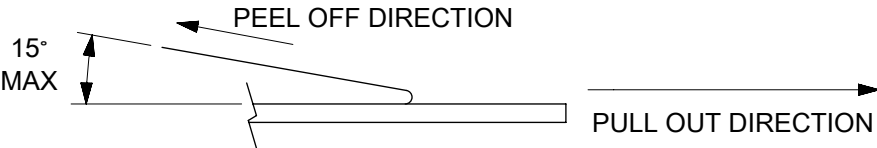
THIS TYPE OF CARRIER TAPE IS FOR CKT SIZE 14, 16 AND 20



NOTES:
1. LEADER AND TRAILER TAPE



2. PEELING OFF FORCE OF THE TOP TAPE: 20-80gf.
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



3. PACKAGING STANDARD IS AS PER EIA-481.
4. TAPE & REEL QUANTITY = 440PCS/REEL
5. THE TAPE IS TREATED FOR ANTI-STATIC.

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: BRIGHT TIN PHASE OUT			molex						
mm		NTS											
GENERAL TOLERANCES (UNLESS SPECIFIED)				CUSTOM HEADER C-GRID HDR, SMT W/CAP WITH/WITHOUT LOC. PEGS PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER SD-87920-001 DOC TYPE PSD DOC PART 001 REVISION C3									
		MM	INCH										
4 PLACES	±	±											
3 PLACES	±	±											
2 PLACES	±	0.2											
1 PLACE	±	±											
0 PLACES	±	±											
ANGULAR TOL ± 3.0 °				EC NO: 679909									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: AKUMAR19			2021/06/30						
				CHK'D: MRAMAKRISHNA			2021/10/11						
				APPR: MRAMAKRISHNA			2021/10/11						
				INITIAL REVISION:									
				DRWN: SKLIM01			2006/05/25						
				APPR: PATEY			2006/07/05						
THIRD ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A3-SIZE		87920		SEE TABLE		GENERAL MARKET		6 OF 14	

DOCUMENT STATUS	P1	RELEASE DATE	2021/10/11	11:53:34
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PART NUMBER IN PACKAGING OPTION		CKT SIZE	PEG	PLATE OPT.	DIMENSION					
TAPE & REEL WITH CAP	TRAY W/O CAP				A	B	C	M	F	G
87920-0401	87920-0411	4	N	1	5.08	2.54	---	5.84	9.65	10.66
87920-0402	87920-0412	4	N	2	5.08	2.54	---	5.84	9.65	10.66
87920-0403	87920-0413	4	N	3	5.08	2.54	---	5.84	9.65	10.66
87920-0431	87920-0441	4	N	1	5.08	2.54		3.05	6.86	10.31
87920-0432	87920-0442	4	N	2	5.08	2.54	---	3.05	6.86	10.31
87920-0433	87920-0443	4	N	3	5.08	2.54	---	3.05	6.86	10.31
87920-0601	87920-0611	6	N	1	7.62	5.08	---	5.84	9.65	10.66
87920-0602	87920-0612	6	N	2	7.62	5.08	---	5.84	9.65	10.66
87920-0603	87920-0613	6	N	3	7.62	5.08	---	5.84	9.65	10.66
87920-0604	87920-0617	6	N	3	7.62	5.08	---	5.84	9.65	10.66
87920-0631	87920-0614	6	N	1	7.62	5.08		3.05	6.86	10.31
87920-0632	87920-0615	6	N	2	7.62	5.08	---	3.05	6.86	10.31
87920-0633	87920-0616	6	N	3	7.62	5.08	---	3.05	6.86	10.31

C3

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

87920

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

8 OF 14

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909

DRWN: AKUMAR19

CHK'D: MRAMAKRISHNA

APPR: MRAMAKRISHNA

2021/06/30

2021/10/11

2021/10/11

2021/10/11

INITIAL REVISION:

DRWN: SKLIM01

APPR: PATEY

2006/05/25

2006/07/05

DOCUMENT NUMBER

SD-87920-001

DOC TYPE

PSD

DOC PART

001

REVISION

C3

CUSTOM HEADER

C-GRID HDR, SMT W/CAP WITH/WITHOUT LOC. PEGS

PRODUCT CUSTOMER DRAWING

9

8

7

6

5

4

3

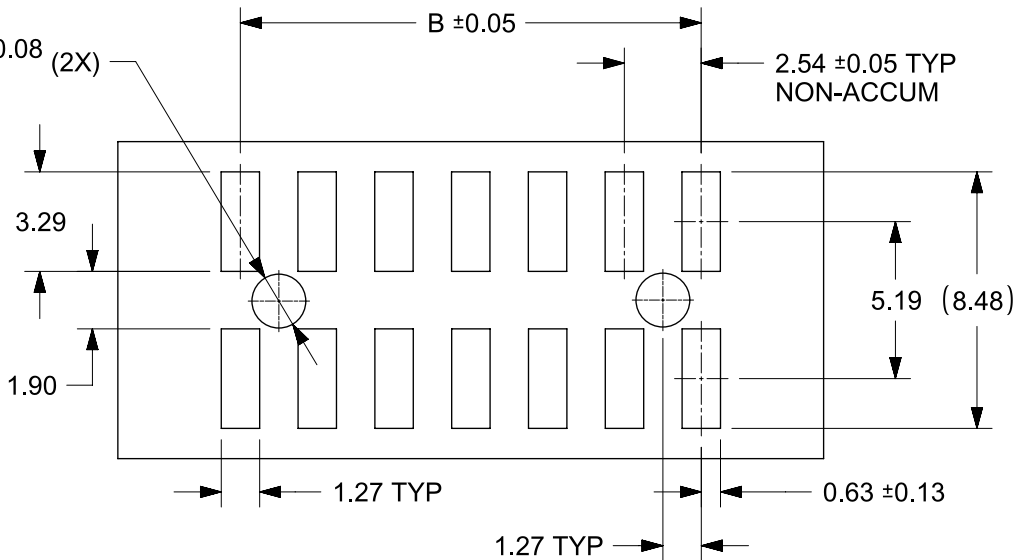
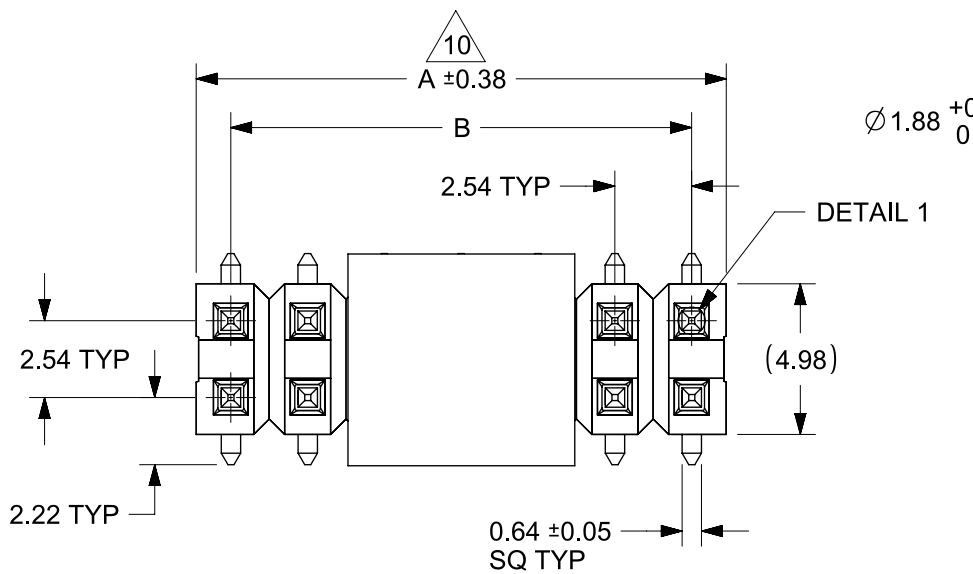
2

1

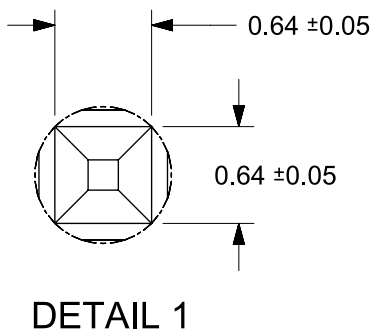
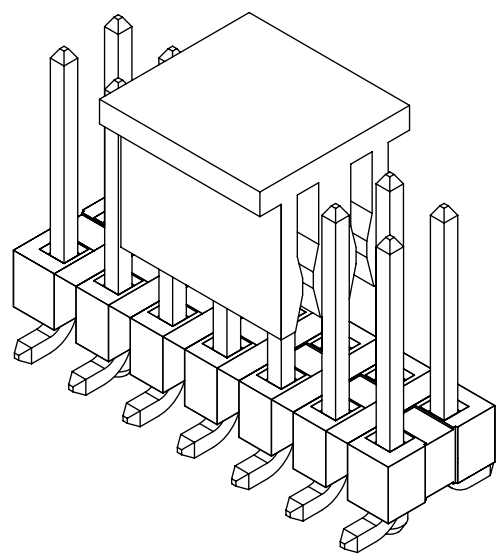
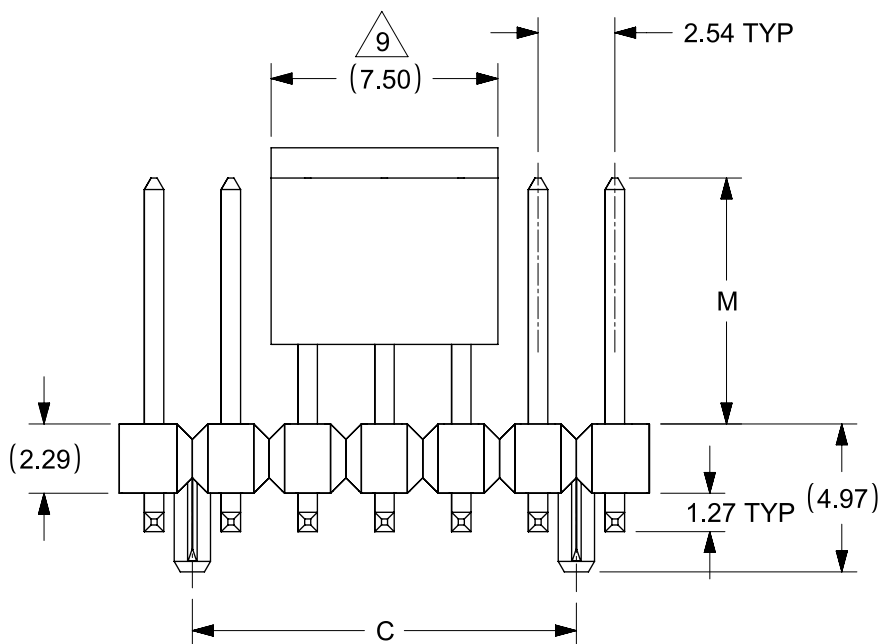
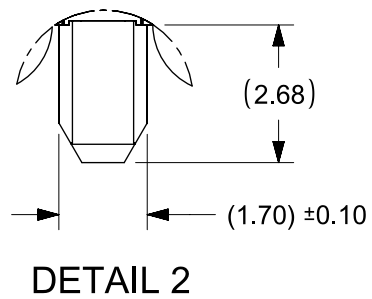
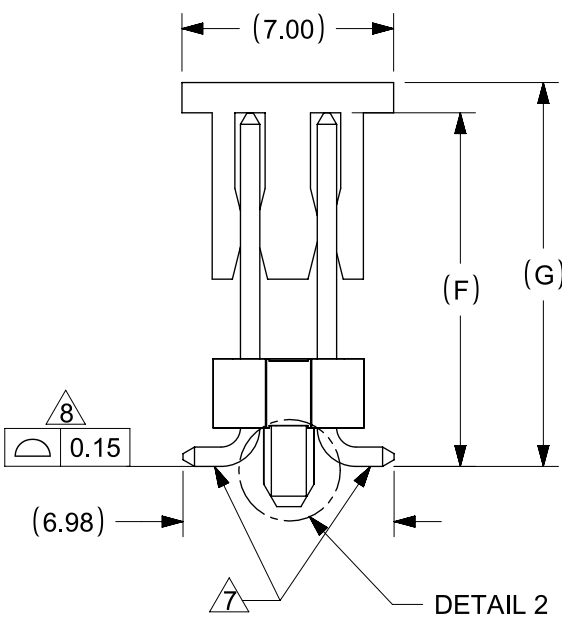
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10	9	8	7	6	5	4	3	2	1

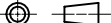
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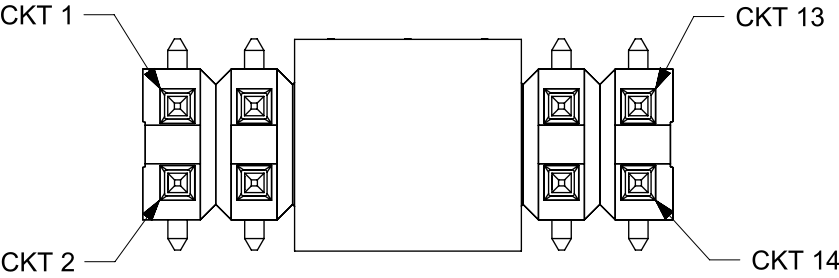
RECOMMENDED PCB LAYOUT



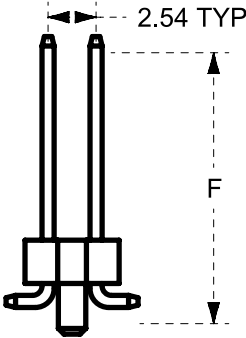
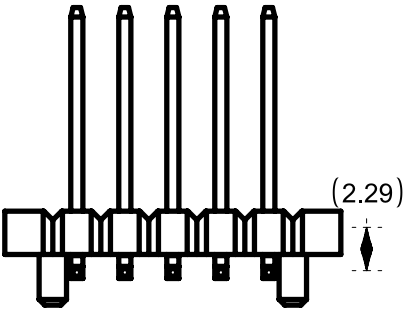
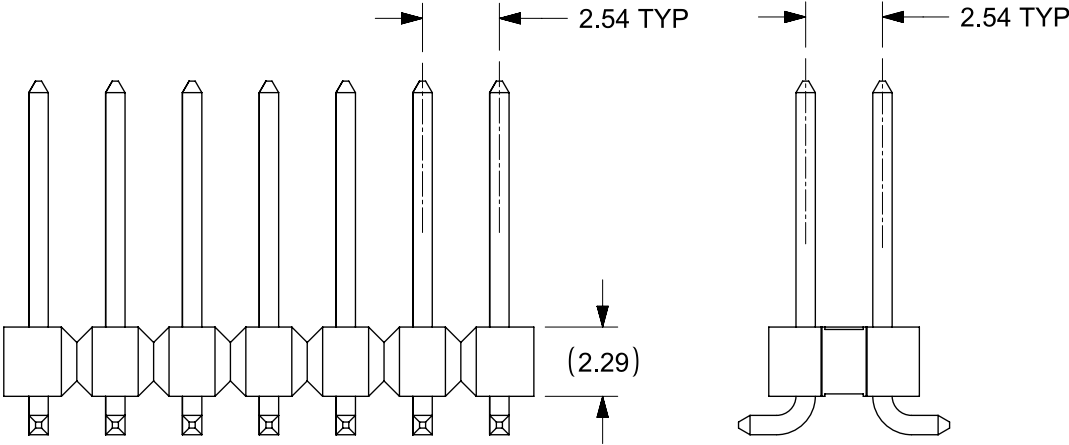
- NOTES:
- MATERIAL:
HSG: LCP, GLASS-FILLED, UL94V-0, COLOR: BLACK
CAP: NYLON, GLASS-FILLED, UL94V-0, COLOR: BLACK
PIN: 0.64MM SQ, COPPER ALLOY
 - PLATING TYPE:
(1) 0.05μm MIN. GOLD PLATE ON CONTACT AND
2.50μm MIN. TIN ON SOLDER TAIL OVER
1.25μm MIN. NICKEL OVERALL.
(2) 0.38μm MIN. GOLD PLATE ON CONTACT AND
2.00μm MIN. TIN ON SOLDER TAIL OVER
1.25μm MIN. NICKEL OVERALL.
(3) 0.75μm MIN. GOLD PLATE ON CONTACT AND
2.00μm MIN. TIN ON SOLDER TAIL OVER
1.25μm MIN. NICKEL OVERALL.
(4) 2.50μm MIN. TIN OVERALL
1.25μm MIN. NICKEL OVERALL
 - PACKAGING TYPE: SEE TABLE
 - PCB THICKNESS 1.60+/-0.10mm
 - PRODUCT SPECIFICATION: PS-87920-019
 - WAFER TO BE FLAT WITHIN 0.003 mm/mm
 - BEND DEPRESSION IS ACCEPTED SO LONG AS IT DOES NOT AFFECT THE OVERALL COPLANARITY OF TAIL
 - COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A FLAT SURFACE
 - CAP LOCATION IS CENTERED ALONG THE MATING ENDS AS SHOWN. TOP SURFACE OF CAP TO BE FLAT FOR THE PURPOSE OF PICK & PLACE BY VACUUM SUCTION NOZZLE
 - IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE
 - PARTS ARE NOT STACKABLE ON 2.54 CENTER
 - THE ABOVE CKT 14 IS FOR ILLUSTRATION PURPOSE ONLY
 - TUBE LENGTH IS 560MM PER STANDARD
 - PACKAGING SPECIFICATION:
TRAY: PK-89990-489
TUBE: PK-89990-507
TAPE & REEL: PK-89990-479 (A6)
PK-87898-400

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: EC NO: 754349 DRWN: SUAIFR 2023/06/21 CHK'D: SUAIFR 2023/06/22 APPR: MRAMAKRISHNA 2023/06/27 INITIAL REVISION: DRWN: SKLIM01 2007/02/09 APPR: KWLEE 2007/02/14		molex CUSTOM HEADER 2.54MM PITCH DUAL ROW HEADER, SINGLE WAFER SMT			
mm	NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL	± 3.0 °								
4 PLACES	±								
3 PLACES	±	PRODUCT CUSTOMER DRAWING							
2 PLACES	± 0.2								
1 PLACE	±								
0 PLACES	±								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
				A3-SIZE		87920		SEE TABLE	
								CUSTOMER	
								SHEET NUMBER	
								1 OF 10	

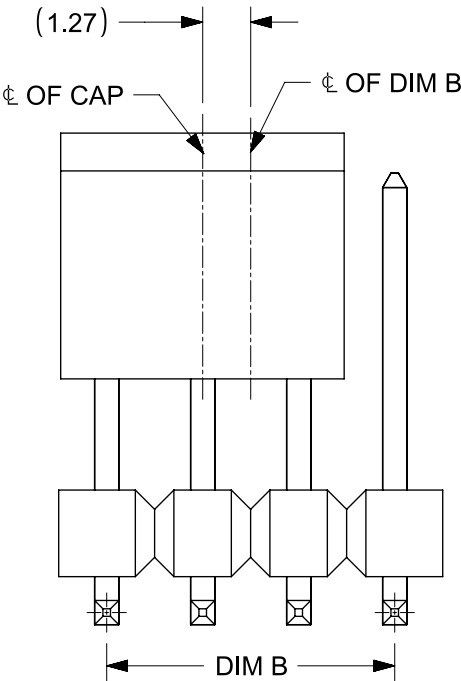
CIRCUITS POSITION
CONFIGURATION



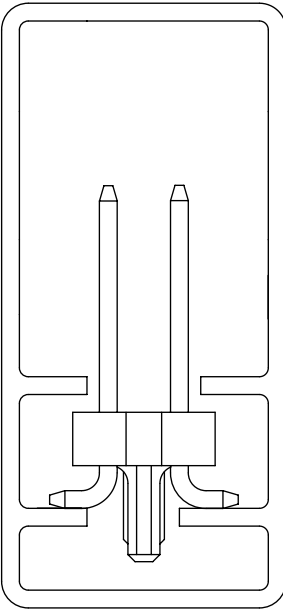
PART WITHOUT
PEG & CAP VERSION



CAP POSITION FOR 87920-0807



PART WITHOUT CAP WITH PEGS
PACK IN TUBE ORIENTATION
(FOR REFERENCE USED ONLY)



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: EC NO: 754349 DRWN: SUAIFR 2023/06/21 CHK'D: SUAIFR 2023/06/22 APPR: MRAMAKRISHNA 2023/06/27 INITIAL REVISION: DRWN: SKLIMO1 2007/02/09 APPR: KWLEE 2007/02/14			molex CUSTOM HEADER 2.54MM PITCH DUAL ROW HEADER, SINGLE WAFER SMT		
mm	NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL ± 3.0 °									
4 PLACES ±									
3 PLACES ±		PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER SD-87920-050 DOC TYPE PSD DOC PART 001 REVISION A6							
2 PLACES ± 0.2									
1 PLACE ±									
0 PLACES ±									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
THIRD ANGLE PROJECTION 		DRAWING A3-SIZE	SERIES 87920	MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 2 OF 10	

F	10	9		8		7		6	5	4		3	2		1																					
	PART NUMBER IN PACKAGING OPTION			CKT SIZE	PEG	PLATE OPT.	DIMENSION					PART NUMBER IN PACKAGING OPTION			CKT SIZE	PEG	PLATE OPT.	DIMENSION																		
	WITH CAP IN TAPE & REEL	W/O CAP IN TRAY	WITH CAP IN TRAY				A	B	C	G	F	M	W/O CAP IN TRAY	-	WITH CAP IN TRAY			A	B	C	G	F	M													
	87920-0427	87920-0461	87920-0465	04	N	1	5.08	2.54	-	12.69	11.69	8.13	87920-0447	-	87920-0485	04	N	1	5.08	2.54	-	15.23	14.23	10.67												
	87920-0428	87920-0462	87920-0466	04	N	2	5.08	2.54	-	12.69	11.69	8.13	87920-0448	-	87920-0486	04	N	2	5.08	2.54	-	15.23	14.23	10.67												
E	87920-0429	87920-0463	87920-0467	04	N	3	5.08	2.54	-	12.69	11.69	8.13	87920-0449	-	87920-0487	04	N	3	5.08	2.54	-	15.23	14.23	10.67												
	87920-0430	87920-0464	87920-0468	04	N	4	5.08	2.54	-	12.69	11.69	8.13	87920-0450	-	87920-0488	04	N	4	5.08	2.54	-	15.23	14.23	10.67												
	87920-0627	87920-0661	87920-0665	06	N	1	7.62	5.08	-	12.69	11.69	8.13	87920-0647	-	87920-0685	06	N	1	7.62	5.08	-	15.23	14.23	10.67												
	87920-0628	87920-0662	87920-0666	06	N	2	7.62	5.08	-	12.69	11.69	8.13	87920-0648	-	87920-0686	06	N	2	7.62	5.08	-	15.23	14.23	10.67												
D	87920-0629	87920-0663	87920-0667	06	N	3	7.62	5.08	-	12.69	11.69	8.13	87920-0649	-	87920-0687	06	N	3	7.62	5.08	-	15.23	14.23	10.67												
	87920-0630	87920-0664	87920-0668	06	N	4	7.62	5.08	-	12.69	11.69	8.13	87920-0650	-	87920-0688	06	N	4	7.62	5.08	-	15.23	14.23	10.67												
	PART NUMBER IN PACKAGING OPTION			CKT SIZE	PEG	PLATE OPT.	DIMENSION					PART NUMBER IN PACKAGING OPTION			CKT SIZE	PEG	PLATE OPT.	DIMENSION																		
	WITH CAP IN TAPE & REEL	W/O CAP IN TRAY	WITH CAP IN TUBE				A	B	C	G	F	M	W/O CAP IN TRAY	W/O CAP IN TUBE	WITH CAP IN TUBE			A	B	C	G	F	M													
C	87920-0827	87920-0861	87920-0865	08	N	1	10.16	7.62	-	12.69	11.69	8.13	87920-0847	87920-0881	87920-0885	08	N	1	10.16	7.62	-	15.23	14.23	10.67												
	87920-0828	87920-0862	87920-0866	08	N	2	10.16	7.62	-	12.69	11.69	8.13	87920-0848	87920-0882	87920-0886	08	N	2	10.16	7.62	-	15.23	14.23	10.67												
	87920-0829	87920-0863	87920-0867	08	N	3	10.16	7.62	-	12.69	11.69	8.13	87920-0849	87920-0883	87920-0887	08	N	3	10.16	7.62	-	15.23	14.23	10.67												
	87920-0830	87920-0864	87920-0868	08	N	4	10.16	7.62	-	12.69	11.69	8.13	87920-0850	87920-0884	87920-0888	08	N	4	10.16	7.62	-	15.23	14.23	10.67												
	87920-0837	87920-0871	87920-0875	08	Y	1	10.16	7.62	5.08	12.69	11.69	8.13	87920-0857	87920-0891	87920-0895	08	Y	1	10.16	7.62	5.08	15.23	14.23	10.67												
B	87920-0838	87920-0872	87920-0876	08	Y	2	10.16	7.62	5.08	12.69	11.69	8.13	87920-0858	87920-0892	87920-0896	08	Y	2	10.16	7.62	5.08	15.23	14.23	10.67												
	87920-0839	87920-0873	87920-0877	08	Y	3	10.16	7.62	5.08	12.69	11.69	8.13	87920-0859	87920-0893	87920-0897	08	Y	3	10.16	7.62	5.08	15.23	14.23	10.67												
	87920-0840	87920-0874	87920-0878	08	Y	4	10.16	7.62	5.08	12.69	11.69	8.13	87920-0860	87920-0894	87920-0898	08	Y	4	10.16	7.62	5.08	15.23	14.23	10.67												
	87920-0807	87920-0884	87920-0888	08	N	4	10.16	7.62	-	15.23	14.23	10.67																								
	87920-0808	87920-0894	87920-0898	08	Y	4	10.16	7.62	5.08	15.23	14.23	10.67																								
A	87920-0807 : REFER TO SHEET 2 FOR CAP LOCATION																																			
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FORMAT: master-b-prod-A3		9	8	7	6	5	4	3	2	1																										
REVISION: 14																																				
DATE: 2018/01/18																																				

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DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL

±

3.0 °

4 PLACES

±

3 PLACES

±

2 PLACES

±

0.2

1 PLACE

±

0 PLACES

±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

87920

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

3 OF 10

CURRENT REV DESC:

EC NO: 754349

DRWN: SUAIFR

CHK'D: SUAIFR

APPR: MRAMAKRISHNA

2023/06/21

2023/06/22

2023/06/27

INITIAL REVISION:

DRWN: SKLIM01

APPR: KWLEE

2007/02/09

2007/02/14

DOCUMENT NUMBER

SD-87920-050

DOC TYPE

PSD

DOC PART

001

REVISION

A6

molex

CUSTOM HEADER

2.54MM PITCH DUAL ROW HEADER, SINGLE WAFER SMT

PRODUCT CUSTOMER DRAWING

10		9		8		7			6		
PART NUMBER IN PACKAGING OPTION			CKT SIZE	PEG	PLATE OPT.	DIMENSION					
WITH CAP IN TAPE & REEL	W/O CAP IN TUBE	WITH CAP IN TUBE				A	B	C	G	F	M
87920-0310	-	-	10	N	4	12.70	10.16	-	15.35	14.33	10.77
87920-1027	87920-1061	87920-1065	10	N	1	12.70	10.16	-	12.69	11.69	8.13
87920-1028	87920-1062	87920-1066	10	N	2	12.70	10.16	-	12.69	11.69	8.13
87920-1029	87920-1063	87920-1067	10	N	3	12.70	10.16	-	12.69	11.69	8.13
87920-1030	87920-1064	87920-1068	10	N	4	12.70	10.16	-	12.69	11.69	8.13
87920-1037	87920-1071	87920-1075	10	Y	1	12.70	10.16	7.62	12.69	11.69	8.13
87920-1038	87920-1072	87920-1076	10	Y	2	12.70	10.16	7.62	12.69	11.69	8.13
87920-1039	87920-1073	87920-1077	10	Y	3	12.70	10.16	7.62	12.69	11.69	8.13
87920-1040	87920-1074	87920-1078	10	Y	4	12.70	10.16	7.62	12.69	11.69	8.13
87920-1227	87920-1261	87920-1265	12	N	1	15.24	12.70	-	12.69	11.69	8.13
87920-1228	87920-1262	87920-1266	12	N	2	15.24	12.70	-	12.69	11.69	8.13
87920-1229	87920-1263	87920-1267	12	N	3	15.24	12.70	-	12.69	11.69	8.13
87920-1230	87920-1264	87920-1268	12	N	4	15.24	12.70	-	12.69	11.69	8.13
87920-1237	87920-1271	87920-1275	12	Y	1	15.24	12.70	10.16	12.69	11.69	8.13
87920-1238	87920-1272	87920-1276	12	Y	2	15.24	12.70	10.16	12.69	11.69	8.13
87920-1239	87920-1273	87920-1277	12	Y	3	15.24	12.70	10.16	12.69	11.69	8.13
87920-1240	87920-1274	87920-1278	12	Y	4	15.24	12.70	10.16	12.69	11.69	8.13
87920-1427	87920-1461	87920-1465	14	N	1	17.78	15.24	-	12.69	11.69	8.13
87920-1428	87920-1462	87920-1466	14	N	2	17.78	15.24	-	12.69	11.69	8.13
87920-1429	87920-1463	87920-1467	14	N	3	17.78	15.24	-	12.69	11.69	8.13
87920-1430	87920-1464	87920-1468	14	N	4	17.78	15.24	-	12.69	11.69	8.13
87920-1437	87920-1471	87920-1475	14	Y	1	17.78	15.24	12.70	12.69	11.69	8.13
87920-1438	87920-1472	87920-1476	14	Y	2	17.78	15.24	12.70	12.69	11.69	8.13
87920-1439	87920-1473	87920-1477	14	Y	3	17.78	15.24	12.70	12.69	11.69	8.13
87920-1440	87920-1474	87920-1478	14	Y	4	17.78	15.24	12.70	12.69	11.69	8.13

5		4		3		2		1			
PART NUMBER IN PACKAGING OPTION			CKT SIZE	PEG	PLATE OPT.	DIMENSION					
W/O CAP IN TRAY	W/O CAP IN TUBE	WITH CAP IN TUBE				A	B	C	G	F	M
87920-1047	87920-1081	87920-1085	10	N	1	12.70	10.16	-	15.23	14.23	10.67
87920-1048	87920-1082	87920-1086	10	N	2	12.70	10.16	-	15.23	14.23	10.67
87920-1049	87920-1083	87920-1087	10	N	3	12.70	10.16	-	15.23	14.23	10.67
87920-1050	87920-1084	87920-1088	10	N	4	12.70	10.16	-	15.23	14.23	10.67
87920-1057	87920-1091	87920-1095	10	Y	1	12.70	10.16	7.62	15.23	14.23	10.67
87920-1058	87920-1092	87920-1096	10	Y	2	12.70	10.16	7.62	15.23	14.23	10.67
87920-1059	87920-1093	87920-1097	10	Y	3	12.70	10.16	7.62	15.23	14.23	10.67
87920-1060	87920-1094	87920-1098	10	Y	4	12.70	10.16	7.62	15.23	14.23	10.67
87920-1247	87920-1281	87920-1285	12	N	1	15.24	12.70	-	15.23	14.23	10.67
87920-1248	87920-1282	87920-1286	12	N	2	15.24	12.70	-	15.23	14.23	10.67
87920-1249	87920-1283	87920-1287	12	N	3	15.24	12.70	-	15.23	14.23	10.67
87920-1250	87920-1284	87920-1288	12	N	4	15.24	12.70	-	15.23	14.23	10.67
87920-1257	87920-1291	87920-1295	12	Y	1	15.24	12.70	10.16	15.23	14.23	10.67
87920-1258	87920-1292	87920-1296	12	Y	2	15.24	12.70	10.16	15.23	14.23	10.67
87920-1259	87920-1293	87920-1297	12	Y	3	15.24	12.70	10.16	15.23	14.23	10.67
87920-1260	87920-1294	87920-1298	12	Y	4	15.24	12.70	10.16	15.23	14.23	10.67
87920-1447	87920-1481	87920-1485	14	N	1	17.78	15.24	-	15.23	14.23	10.67
87920-1448	87920-1482	87920-1486	14	N	2	17.78	15.24	-	15.23	14.23	10.67
87920-1449	87920-1483	87920-1487	14	N	3	17.78	15.24	-	15.23	14.23	10.67
87920-1450	87920-1484	87920-1488	14	N	4	17.78	15.24	-	15.23	14.23	10.67
87920-1457	87920-1491	87920-1495	14	Y	1	17.78	15.24	12.70	15.23	14.23	10.67
87920-1458	87920-1492	87920-1496	14	Y	2	17.78	15.24	12.70	15.23	14.23	10.67
87920-1459	87920-1493	87920-1497	14	Y	3	17.78	15.24	12.70	15.23	14.23	10.67
87920-1460	87920-1494	87920-1498	14	Y	4	17.78	15.24	12.70	15.23	14.23	10.67

PART NUMBER IN PACKAGING OPTION		CKT SIZE	VOID	PEG	PLATE OPT.	DIMENSION					
WITH CAP IN TAPE & REEL	WITH-OUT CAP IN TAPE & REEL					A	B	C	G	F	M
-	87920-0312	14	1,2,13,14	Y	4	17.78	15.24	12.70	-	14.33	10.77

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DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 3.0 °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.2

1 PLACE ±

0 PLACES ±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 754349

DRWN: SUAIFR 2023/06/21

CHK'D: SUAIFR 2023/06/22

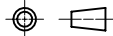
APPR: MRAMAKRISHNA 2023/06/27

INITIAL REVISION:

DRWN: SKLIM01 2007/02/09

APPR: KWLEE 2007/02/14

THIRD ANGLE PROJECTION



DRAWING

A3-SIZE

SERIES

87920

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

4 OF 10



CUSTOM HEADER

2.54MM PITCH DUAL ROW HEADER, SINGLE WAFER SMT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-87920-050

DOC TYPE

PSD

DOC PART

001

REVISION

A6

10			9			8			7			6			5			4			3			2			1			
F	PART NUMBER IN PACKAGING OPTION						CKT SIZE	PEG	PLATE OPT.	DIMENSION						PART NUMBER IN PACKAGING OPTION						CKT SIZE	PEG	PLATE OPT.	DIMENSION					
	WITH CAP IN TAPE & REEL		W/O CAP IN TUBE		WITH CAP IN TUBE					A	B	C	G	F	M	W/O CAP IN TRAY		W/O CAP IN TUBE		WITH CAP IN TUBE					A	B	C	G	F	M
	87920-1627		87920-1661		87920-1665		16	N	1	20.32	17.78	-	12.69	11.69	8.13	87920-1647		87920-1681		87920-1685		16	N	1	20.32	17.78	-	15.23	14.23	10.67
	87920-1628		87920-1662		87920-1666		16	N	2	20.32	17.78	-	12.69	11.69	8.13	87920-1648		87920-1682		87920-1686		16	N	2	20.32	17.78	-	15.23	14.23	10.67
	87920-1629		87920-1663		87920-1667		16	N	3	20.32	17.78	-	12.69	11.69	8.13	87920-1649		87920-1683		87920-1687		16	N	3	20.32	17.78	-	15.23	14.23	10.67
E	87920-1630		87920-1664		87920-1668		16	N	4	20.32	17.78	-	12.69	11.69	8.13	87920-1650		87920-1684		87920-1688		16	N	4	20.32	17.78	-	15.23	14.23	10.67
	87920-1637		87920-1671		87920-1675		16	Y	1	20.32	17.78	15.24	12.69	11.69	8.13	87920-1657		87920-1691		87920-1695		16	Y	1	20.32	17.78	15.24	15.23	14.23	10.67
	87920-1638		87920-1672		87920-1676		16	Y	2	20.32	17.78	15.24	12.69	11.69	8.13	87920-1658		87920-1692		87920-1696		16	Y	2	20.32	17.78	15.24	15.23	14.23	10.67
	87920-1639		87920-1673		87920-1677		16	Y	3	20.32	17.78	15.24	12.69	11.69	8.13	87920-1659		87920-1693		87920-1697		16	Y	3	20.32	17.78	15.24	15.23	14.23	10.67
	87920-1640		87920-1674		87920-1678		16	Y	4	20.32	17.78	15.24	12.69	11.69	8.13	87920-1660		87920-1694		87920-1698		16	Y	4	20.32	17.78	15.24	15.23	14.23	10.67
D																														
	87920-1827		87920-1861		87920-1865		18	N	1	22.86	20.32	-	12.69	11.69	8.13	87920-1847		87920-1881		87920-1885		18	N	1	22.86	20.32	-	15.23	14.23	10.67
	87920-1828		87920-1862		87920-1866		18	N	2	22.86	20.32	-	12.69	11.69	8.13	87920-1848		87920-1882		87920-1886		18	N	2	22.86	20.32	-	15.23	14.23	10.67
	87920-1829		87920-1863		87920-1867		18	N	3	22.86	20.32	-	12.69	11.69	8.13	87920-1849		87920-1883		87920-1887		18	N	3	22.86	20.32	-	15.23	14.23	10.67
	87920-1830		87920-1864		87920-1868		18	N	4	22.86	20.32	-	12.69	11.69	8.13	87920-1850		87920-1884		87920-1888		18	N	4	22.86	20.32	-	15.23	14.23	10.67
C	87920-1837		87920-1871		87920-1875		18	Y	1	22.86	20.32	17.78	12.69	11.69	8.13	87920-1857		87920-1891		87920-1895		18	Y	1	22.86	20.32	17.78	15.23	14.23	10.67
	87920-1838		87920-1872		87920-1876		18	Y	2	22.86	20.32	17.78	12.69	11.69	8.13	87920-1858		87920-1892		87920-1896		18	Y	2	22.86	20.32	17.78	15.23	14.23	10.67
	87920-1839		87920-1873		87920-1877		18	Y	3	22.86	20.32	17.78	12.69	11.69	8.13	87920-1859		87920-1893		87920-1897		18	Y	3	22.86	20.32	17.78	15.23	14.23	10.67
	87920-1840		87920-1874		87920-1878		18	Y	4	22.86	20.32	17.78	12.69	11.69	8.13	87920-1860		87920-1894		87920-1898		18	Y	4	22.86	20.32	17.78	15.23	14.23	10.67
B	87920-2027		87920-2061		87920-2065		20	N	1	25.40	22.86	-	12.69	11.69	8.13	87920-2047		87920-2081		87920-2085		20	N	1	25.40	22.86	-	15.23	14.23	10.67
	87920-2028		87920-2062		87920-2066		20	N	2	25.40	22.86	-	12.69	11.69	8.13	87920-2048		87920-2082		87920-2086		20	N	2	25.40	22.86	-	15.23	14.23	10.67
	87920-2029		87920-2063		87920-2067		20	N	3	25.40	22.86	-	12.69	11.69	8.13	87920-2049		87920-2083		87920-2087		20	N	3	25.40	22.86	-	15.23	14.23	10.67
	87920-2030		87920-2064		87920-2068		20	N	4	25.40	22.86	-	12.69	11.69	8.13	87920-2050		87920-2084		87920-2088		20	N	4	25.40	22.86	-	15.23	14.23	10.67
	87920-2037		87920-2071		87920-2075		20	Y	1	25.40	22.86	20.32	12.69	11.69	8.13	87920-2057		87920-2091		87920-2095		20	Y	1	25.40	22.86	20.32	15.23	14.23	10.67
A	87920-2038		87920-2072		87920-2076		20	Y	2	25.40	22.86	20.32	12.69	11.69	8.13	87920-2058		87920-2092		87920-2096		20	Y	2	25.40	22.86	20.32	15.23	14.23	10.67
	87920-2039		87920-2073		87920-2077		20	Y	3	25.40	22.86	20.32	12.69	11.69	8.13	87920-2059		87920-2093		87920-2097		20	Y	3	25.40	22.86	20.32	15.23	14.23	10.67
	87920-2040		87920-2074		87920-2078		20	Y	4	25.40	22.86	20.32	12.69	11.69	8.13	87920-2060		87920-2094		87920-2098		20	Y	4	25.40	22.86	20.32	15.23	14.23	10.67
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														
GENERAL TOLERANCES (UNLESS SPECIFIED)						ANGULAR TOL		±		3.0 °		EC NO: 754349						CUSTOM HEADER												
4 PLACES						±				DRWN: SUAIFR						2023/06/21						2.54MM PITCH DUAL ROW HEADER, SINGLE WAFER								
3 PLACES						±				CHK'D: SUAIFR						2023/06/22						SMT								
2 PLACES						±		0.2		APPR: MRAMAKRISHNA						2023/06/27						PRODUCT CUSTOMER DRAWING								
1 PLACE						±				INITIAL REVISION:						DOCUMENT NUMBER						DOC TYPE		DOC PART		REVISION				
0 PLACES						±				DRWN: SKLIM01						2007/02/09						SD-87920-050								
										APPR: KWLEE						2007/02/14														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER														
						A3-SIZE		87920		SEE TABLE		GENERAL MARKET		5 OF 10																
DOCUMENT STATUS						P1		RELEASE DATE		2023/06/27		14:54:02																		
FORMAT: master-b-prod-A3						REVISION: 14		DATE: 2018/01/18		9		8		7		6		5		4		3		2		1				

10		9		8		7		6		5		4		3		2		1												
PART NUMBER IN PACKAGING OPTION						CKT SIZE	PEG	PLATE OPT.	DIMENSION				PART NUMBER IN PACKAGING OPTION						CKT SIZE	PEG	PLATE OPT.	DIMENSION								
WITH CAP IN TAPE & REEL		W/O CAP IN TUBE		WITH CAP IN TUBE					A	B	C	G	F	M	W/O CAP IN TRAY		W/O CAP IN TUBE					WITH CAP IN TUBE		A	B	C	G	F	M	
F	87920-2227		87920-2261		87920-2265		22	N	1	27.94	25.40	-	12.69	11.69	8.13	87920-2247		87920-2281		87920-2285		22	N	1	27.94	25.40	-	15.23	14.23	10.67
	87920-2228		87920-2262		87920-2266		22	N	2	27.94	25.40	-	12.69	11.69	8.13	87920-2248		87920-2282		87920-2286		22	N	2	27.94	25.40	-	15.23	14.23	10.67
	87920-2229		87920-2263		87920-2267		22	N	3	27.94	25.40	-	12.69	11.69	8.13	87920-2249		87920-2283		87920-2287		22	N	3	27.94	25.40	-	15.23	14.23	10.67
	87920-2230		87920-2264		87920-2268		22	N	4	27.94	25.40	-	12.69	11.69	8.13	87920-2250		87920-2284		87920-2288		22	N	4	27.94	25.40	-	15.23	14.23	10.67
	87920-2237		87920-2271		87920-2275		22	Y	1	27.94	25.40	22.86	12.69	11.69	8.13	87920-2257		87920-2291		87920-2295		22	Y	1	27.94	25.40	22.86	15.23	14.23	10.67
E	87920-2238		87920-2272		87920-2276		22	Y	2	27.94	25.40	22.86	12.69	11.69	8.13	87920-2258		87920-2292		87920-2296		22	Y	2	27.94	25.40	22.86	15.23	14.23	10.67
	87920-2239		87920-2273		87920-2277		22	Y	3	27.94	25.40	22.86	12.69	11.69	8.13	87920-2259		87920-2293		87920-2297		22	Y	3	27.94	25.40	22.86	15.23	14.23	10.67
	87920-2240		87920-2274		87920-2278		22	Y	4	27.94	25.40	22.86	12.69	11.69	8.13	87920-2260		87920-2294		87920-2298		22	Y	4	27.94	25.40	22.86	15.23	14.23	10.67
	87920-2427		87920-2461		87920-2465		24	N	1	30.48	27.94	-	12.69	11.69	8.13	87920-2447		87920-2481		87920-2485		24	N	1	30.48	27.94	-	15.23	14.23	10.67
D	87920-2428		87920-2462		87920-2466		24	N	2	30.48	27.94	-	12.69	11.69	8.13	87920-2448		87920-2482		87920-2486		24	N	2	30.48	27.94	-	15.23	14.23	10.67
	87920-2429		87920-2463		87920-2467		24	N	3	30.48	27.94	-	12.69	11.69	8.13	87920-2449		87920-2483		87920-2487		24	N	3	30.48	27.94	-	15.23	14.23	10.67
	87920-2430		87920-2464		87920-2468		24	N	4	30.48	27.94	-	12.69	11.69	8.13	87920-2450		87920-2484		87920-2488		24	N	4	30.48	27.94	-	15.23	14.23	10.67
	87920-2437		87920-2471		87920-2475		24	Y	1	30.48	27.94	25.40	12.69	11.69	8.13	87920-2457		87920-2491		87920-2495		24	Y	1	30.48	27.94	25.40	15.23	14.23	10.67
	87920-2438		87920-2472		87920-2476		24	Y	2	30.48	27.94	25.40	12.69	11.69	8.13	87920-2458		87920-2492		87920-2496		24	Y	2	30.48	27.94	25.40	15.23	14.23	10.67
C	87920-2439		87920-2473		87920-2477		24	Y	3	30.48	27.94	25.40	12.69	11.69	8.13	87920-2459		87920-2493		87920-2497		24	Y	3	30.48	27.94	25.40	15.23	14.23	10.67
	87920-2440		87920-2474		87920-2478		24	Y	4	30.48	27.94	25.40	12.69	11.69	8.13	87920-2460		87920-2494		87920-2498		24	Y	4	30.48	27.94	25.40	15.23	14.23	10.67
	87920-2627		87920-2661		87920-2665		26	N	1	33.02	30.48	-	12.69	11.69	8.13	87920-2647		87920-2681		87920-2685		26	N	1	33.02	30.48	-	15.23	14.23	10.67
	87920-2628		87920-2662		87920-2666		26	N	2	33.02	30.48	-	12.69	11.69	8.13	87920-2648		87920-2682		87920-2686		26	N	2	33.02	30.48	-	15.23	14.23	10.67
B	87920-2629		87920-2663		87920-2667		26	N	3	33.02	30.48	-	12.69	11.69	8.13	87920-2649		87920-2683		87920-2687		26	N	3	33.02	30.48	-	15.23	14.23	10.67
	87920-2630		87920-2664		87920-2668		26	N	4	33.02	30.48	-	12.69	11.69	8.13	87920-2650		87920-2684		87920-2688		26	N	4	33.02	30.48	-	15.23	14.23	10.67
	87920-2637		87920-2671		87920-2675		26	Y	1	33.02	30.48	27.94	12.69	11.69	8.13	87920-2657		87920-2691		87920-2695		26	Y	1	33.02	30.48	27.94	15.23	14.23	10.67
	87920-2638		87920-2672		87920-2676		26	Y	2	33.02	30.48	27.94	12.69	11.69	8.13	87920-2658		87920-2692		87920-2696		26	Y	2	33.02	30.48	27.94	15.23	14.23	10.67
	87920-2639		87920-2673		87920-2677		26	Y	3	33.02	30.48	27.94	12.69	11.69	8.13	87920-2659		87920-2693		87920-2697		26	Y	3	33.02	30.48	27.94	15.23	14.23	10.67
A	87920-2640		87920-2674		87920-2678		26	Y	4	33.02	30.48	27.94	12.69	11.69	8.13	87920-2660		87920-2694		87920-2698		26	Y	4	33.02	30.48	27.94	15.23	14.23	10.67

10		9		8		7		6		5		4		3		2		1												
PART NUMBER IN PACKAGING OPTION						CKT SIZE	PEG	PLATE OPT.	DIMENSION						PART NUMBER IN PACKAGING OPTION						CKT SIZE	PEG	PLATE OPT.	DIMENSION						
WITH CAP IN TAPE & REEL		W/O CAP IN TUBE		WITH CAP IN TUBE					A	B	C	G	F	M	W/O CAP IN TRAY		W/O CAP IN TUBE		WITH CAP IN TUBE					A	B	C	G	F	M	
F	87920-2827		87920-2861		87920-2865		28	N	1	35.56	33.02	-	12.69	11.69	8.13	87920-2847		87920-2881		87920-2885		28	N	1	35.56	33.02	-	15.23	14.23	10.67
	87920-2828		87920-2862		87920-2866		28	N	2	35.56	33.02	-	12.69	11.69	8.13	87920-2848		87920-2882		87920-2886		28	N	2	35.56	33.02	-	15.23	14.23	10.67
	87920-2829		87920-2863		87920-2867		28	N	3	35.56	33.02	-	12.69	11.69	8.13	87920-2849		87920-2883		87920-2887		28	N	3	35.56	33.02	-	15.23	14.23	10.67
	87920-2830		87920-2864		87920-2868		28	N	4	35.56	33.02	-	12.69	11.69	8.13	87920-2850		87920-2884		87920-2888		28	N	4	35.56	33.02	-	15.23	14.23	10.67
	87920-2837		87920-2871		87920-2875		28	Y	1	35.56	33.02	30.48	12.69	11.69	8.13	87920-2857		87920-2891		87920-2895		28	Y	1	35.56	33.02	30.48	15.23	14.23	10.67
E	87920-2838		87920-2872		87920-2876		28	Y	2	35.56	33.02	30.48	12.69	11.69	8.13	87920-2858		87920-2892		87920-2896		28	Y	2	35.56	33.02	30.48	15.23	14.23	10.67
	87920-2839		87920-2873		87920-2877		28	Y	3	35.56	33.02	30.48	12.69	11.69	8.13	87920-2859		87920-2893		87920-2897		28	Y	3	35.56	33.02	30.48	15.23	14.23	10.67
	87920-2840		87920-2874		87920-2878		28	Y	4	35.56	33.02	30.48	12.69	11.69	8.13	87920-2860		87920-2894		87920-2898		28	Y	4	35.56	33.02	30.48	15.23	14.23	10.67
	87920-3027		87920-3061		87920-3065		30	N	1	38.10	35.56	-	12.69	11.69	8.13	87920-3047		87920-3081		87920-3085		30	N	1	38.10	35.56	-	15.23	14.23	10.67
D	87920-3028		87920-3062		87920-3066		30	N	2	38.10	35.56	-	12.69	11.69	8.13	87920-3048		87920-3082		87920-3086		30	N	2	38.10	35.56	-	15.23	14.23	10.67
	87920-3029		87920-3063		87920-3067		30	N	3	38.10	35.56	-	12.69	11.69	8.13	87920-3049		87920-3083		87920-3087		30	N	3	38.10	35.56	-	15.23	14.23	10.67
	87920-3030		87920-3064		87920-3068		30	N	4	38.10	35.56	-	12.69	11.69	8.13	87920-3050		87920-3084		87920-3088		30	N	4	38.10	35.56	-	15.23	14.23	10.67
	87920-3037		87920-3071		87920-3075		30	Y	1	38.10	35.56	33.02	12.69	11.69	8.13	87920-3057		87920-3091		87920-3095		30	Y	1	38.10	35.56	33.02	15.23	14.23	10.67
	87920-3038		87920-3072		87920-3076		30	Y	2	38.10	35.56	33.02	12.69	11.69	8.13	87920-3058		87920-3092		87920-3096		30	Y	2	38.10	35.56	33.02	15.23	14.23	10.67
C	87920-3039		87920-3073		87920-3077		30	Y	3	38.10	35.56	33.02	12.69	11.69	8.13	87920-3059		87920-3093		87920-3097		30	Y	3	38.10	35.56	33.02	15.23	14.23	10.67
	87920-3040		87920-3074		87920-3078		30	Y	4	38.10	35.56	33.02	12.69	11.69	8.13	87920-3060		87920-3094		87920-3098		30	Y	4	38.10	35.56	33.02	15.23	14.23	10.67
	87920-3227		87920-3261		87920-3265		32	N	1	40.64	38.10	-	12.69	11.69	8.13	87920-3247		87920-3281		87920-3285		32	N	1	40.64	38.10	-	15.23	14.23	10.67
	87920-3228		87920-3262		87920-3266		32	N	2	40.64	38.10	-	12.69	11.69	8.13	87920-3248		87920-3282		87920-3286		32	N	2	40.64	38.10	-	15.23	14.23	10.67
B	87920-3229		87920-3263		87920-3267		32	N	3	40.64	38.10	-	12.69	11.69	8.13	87920-3249		87920-3283		87920-3287		32	N	3	40.64	38.10	-	15.23	14.23	10.67
	87920-3230		87920-3264		87920-3268		32	N	4	40.64	38.10	-	12.69	11.69	8.13	87920-3250		87920-3284		87920-3288		32	N	4	40.64	38.10	-	15.23	14.23	10.67
	87920-3237		87920-3271		87920-3275		32	Y	1	40.64	38.10	35.56	12.69	11.69	8.13	87920-3257		87920-3291		87920-3295		32	Y	1	40.64	38.10	35.56	15.23	14.23	10.67
	87920-3238		87920-3272		87920-3276		32	Y	2	40.64	38.10	35.56	12.69	11.69	8.13	87920-3258		87920-3292		87920-3296		32	Y	2	40.64	38.10	35.56	15.23	14.23	10.67
	87920-3239		87920-3273		87920-3277		32	Y	3	40.64	38.10	35.56	12.69	11.69	8.13	87920-3259		87920-3293		87920-3297		32	Y	3	40.64	38.10	35.56	15.23	14.23	10.67
A	87920-3240		87920-3274		87920-3278		32	Y	4	40.64	38.10	35.56	12.69	11.69	8.13	87920-3260		87920-3294		87920-3298		32	Y	4	40.64	38.10	35.56	15.23	14.23	10.67

F	PART NUMBER IN PACKAGING OPTION			CKT SIZE	PEG	PLATE OPT.	DIMENSION																			
	WITH CAP IN TAPE & REEL	W/O CAP IN TUBE	WITH CAP IN TUBE				A	B	C	G	F	M														
	87920-3427	87920-3461	87920-3465	34	N	1	43.18	40.64	-	12.69	11.69	8.13														
	87920-3428	87920-3462	87920-3466	34	N	2	43.18	40.64	-	12.69	11.69	8.13														
	87920-3429	87920-3463	87920-3467	34	N	3	43.18	40.64	-	12.69	11.69	8.13														
	87920-3430	87920-3464	87920-3468	34	N	4	43.18	40.64	-	12.69	11.69	8.13														
	87920-3437	87920-3471	87920-3475	34	Y	1	43.18	40.64	38.10	12.69	11.69	8.13														
	87920-3438	87920-3472	87920-3476	34	Y	2	43.18	40.64	38.10	12.69	11.69	8.13														
	87920-3439	87920-3473	87920-3477	34	Y	3	43.18	40.64	38.10	12.69	11.69	8.13														
	87920-3440	87920-3474	87920-3478	34	Y	4	43.18	40.64	38.10	12.69	11.69	8.13														
E																										
D	PART NUMBER IN PACKAGING OPTION			CKT SIZE	PEG	PLATE OPT.	DIMENSION																			
	W/O CAP IN TRAY	W/O CAP IN TUBE	WITH CAP IN TUBE				A	B	C	G	F	M														
	87920-3627	87920-3661	87920-3665	36	N	1	45.72	43.18	-	12.69	11.69	8.13														
	87920-3628	87920-3662	87920-3666	36	N	2	45.72	43.18	-	12.69	11.69	8.13														
	87920-3629	87920-3663	87920-3667	36	N	3	45.72	43.18	-	12.69	11.69	8.13														
	87920-3630	87920-3664	87920-3668	36	N	4	45.72	43.18	-	12.69	11.69	8.13														
	87920-3637	87920-3671	87920-3675	36	Y	1	45.72	43.18	40.64	12.69	11.69	8.13														
	87920-3638	87920-3672	87920-3676	36	Y	2	45.72	43.18	40.64	12.69	11.69	8.13														
	87920-3639	87920-3673	87920-3677	36	Y	3	45.72	43.18	40.64	12.69	11.69	8.13														
	87920-3640	87920-3674	87920-3678	36	Y	4	45.72	43.18	40.64	12.69	11.69	8.13														
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 CUSTOM HEADER 2.54MM PITCH DUAL ROW HEADER, SINGLE WAFER SMT																		
mm		NTS																								
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 754349																						
ANGULAR TOL ± 3.0 °				DRWN: SUAIFR 2023/06/21																						
4 PLACES ±				CHK'D: SUAIFR 2023/06/22																						
3 PLACES ±				APPR: MRAMAKRISHNA 2023/06/27																						
2 PLACES ± 0.2				INITIAL REVISION:																						
1 PLACE ±				DRWN: SKLIM01 2007/02/09																						
0 PLACES ±				APPR: KWLEE 2007/02/14																						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION										
						A3-SIZE		87920		SEE TABLE		GENERAL MARKET		8 OF 10												
DOCUMENT STATUS		P1	RELEASE DATE	2023/06/27	14:54:02																					
9			8			7			6			5			4			3			2			1		

F	10			9			8			7			6			5			4			3			2			1								
	PART NUMBER IN PACKAGING OPTION									CKT SIZE	PEG	PLATE OPT.	DIMENSION						PART NUMBER IN PACKAGING OPTION									CKT SIZE	PEG	PLATE OPT.	DIMENSION					
	W/O CAP IN TRAY			W/O CAP IN TUBE			WITH CAP IN TUBE						A	B	C	G	F	M	W/O CAP IN TRAY			W/O CAP IN TUBE			WITH CAP IN TUBE						A	B	C	G	F	M
	87920-3827			87920-3861			87920-3865			38	N	1	48.26	45.72	-	12.69	11.69	8.13	87920-3847			87920-3881			87920-3885			38	N	1	48.26	45.72	-	15.23	14.23	10.67
	87920-3828			87920-3862			87920-3866			38	N	2	48.26	45.72	-	12.69	11.69	8.13	87920-3848			87920-3882			87920-3886			38	N	2	48.26	45.72	-	15.23	14.23	10.67
	87920-3829			87920-3863			87920-3867			38	N	3	48.26	45.72	-	12.69	11.69	8.13	87920-3849			87920-3883			87920-3887			38	N	3	48.26	45.72	-	15.23	14.23	10.67
	87920-3830			87920-3864			87920-3868			38	N	4	48.26	45.72	-	12.69	11.69	8.13	87920-3850			87920-3884			87920-3888			38	N	4	48.26	45.72	-	15.23	14.23	10.67
	87920-3837			87920-3871			87920-3875			38	Y	1	48.26	45.72	43.18	12.69	11.69	8.13	87920-3857			87920-3891			87920-3895			38	Y	1	48.26	45.72	43.18	15.23	14.23	10.67
	87920-3838			87920-3872			87920-3876			38	Y	2	48.26	45.72	43.18	12.69	11.69	8.13	87920-3858			87920-3892			87920-3896			38	Y	2	48.26	45.72	43.18	15.23	14.23	10.67
	87920-3839			87920-3873			87920-3877			38	Y	3	48.26	45.72	43.18	12.69	11.69	8.13	87920-3859			87920-3893			87920-3897			38	Y	3	48.26	45.72	43.18	15.23	14.23	10.67
87920-3840			87920-3874			87920-3878			38	Y	4	48.26	45.72	43.18	12.69	11.69	8.13	87920-3860			87920-3894			87920-3898			38	Y	4	48.26	45.72	43.18	15.23	14.23	10.67	
E																																				
	87920-4027			87920-4061			87920-4065			40	N	1	50.80	48.26	-	12.69	11.69	8.13	87920-4047			87920-4081			87920-4085			40	N	1	50.80	48.26	-	15.23	14.23	10.67
	87920-4028			87920-4062			87920-4066			40	N	2	50.80	48.26	-	12.69	11.69	8.13	87920-4048			87920-4082			87920-4086			40	N	2	50.80	48.26	-	15.23	14.23	10.67
	87920-4029			87920-4063			87920-4067			40	N	3	50.80	48.26	-	12.69	11.69	8.13	87920-4049			87920-4083			87920-4087			40	N	3	50.80	48.26	-	15.23	14.23	10.67
	87920-4030			87920-4064			87920-4068			40	N	4	50.80	48.26	-	12.69	11.69	8.13	87920-4050			87920-4084			87920-4088			40	N	4	50.80	48.26	-	15.23	14.23	10.67
	87920-4037			87920-4071			87920-4075			40	Y	1	50.80	48.26	45.72	12.69	11.69	8.13	87920-4057			87920-4091			87920-4095			40	Y	1	50.80	48.26	45.72	15.23	14.23	10.67
	87920-4038			87920-4072			87920-4076			40	Y	2	50.80	48.26	45.72	12.69	11.69	8.13	87920-4058			87920-4092			87920-4096			40	Y	2	50.80	48.26	45.72	15.23	14.23	10.67
	87920-4039			87920-4073			87920-4077			40	Y	3	50.80	48.26	45.72	12.69	11.69	8.13	87920-4059			87920-4093			87920-4097			40	Y	3	50.80	48.26	45.72	15.23	14.23	10.67
	87920-4040			87920-4074			87920-4078			40	Y	4	50.80	48.26	45.72	12.69	11.69	8.13	87920-4060			87920-4094			87920-4098			40	Y	4	50.80	48.26	45.72	15.23	14.23	10.67
D																																				
C																																				
B																																				
A																																				
DOCUMENT STATUS			P1	RELEASE DATE		2023/06/27		14:54:02																												
9			8			7			6			5			4			3			2			1												

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DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES
(UNLESS SPECIFIED)

ANGULAR TOL ± 3.0 °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.2

1 PLACE ±

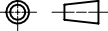
0 PLACES ±

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 754349
DRWN: SUAIFR 2023/06/21
CHK'D: SUAIFR 2023/06/22
APPR: MRAMAKRISHNA 2023/06/27

INITIAL REVISION:
DRWN: SKLIM01 2007/02/09
APPR: KWLEE 2007/02/14

THIRD ANGLE PROJECTION


DRAWING
A3-SIZE

SERIES
87920

molex

CUSTOM HEADER
2.54MM PITCH DUAL ROW HEADER, SINGLE WAFER
SMT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-87920-050

DOC TYPE

PSD

DOC PART

001

REVISION

A6

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

SEE TABLE

GENERAL MARKET

9 OF 10

