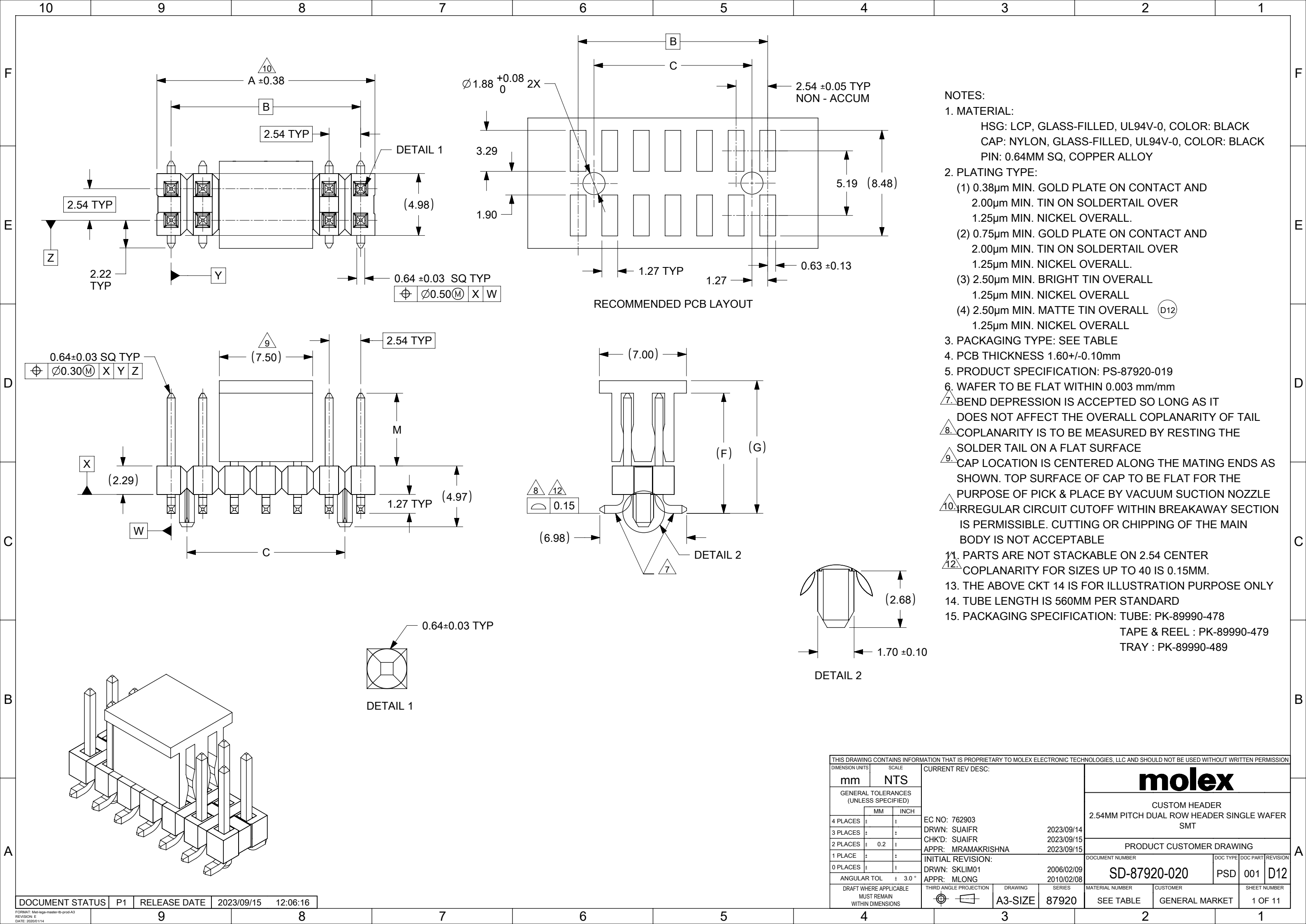




A schematic diagram of the test setup. It shows a central rectangular object. Surrounding this object are four cameras, labeled CKT 1, CKT 2, CKT 13, and CKT 14. CKT 1 and CKT 2 are on the left side, while CKT 13 and CKT 14 are on the right side. Each camera is represented by a vertical rectangular block with a square lens in the center. Arrows point from the labels to their respective cameras. The cameras are positioned to capture images of the central object from different angles.

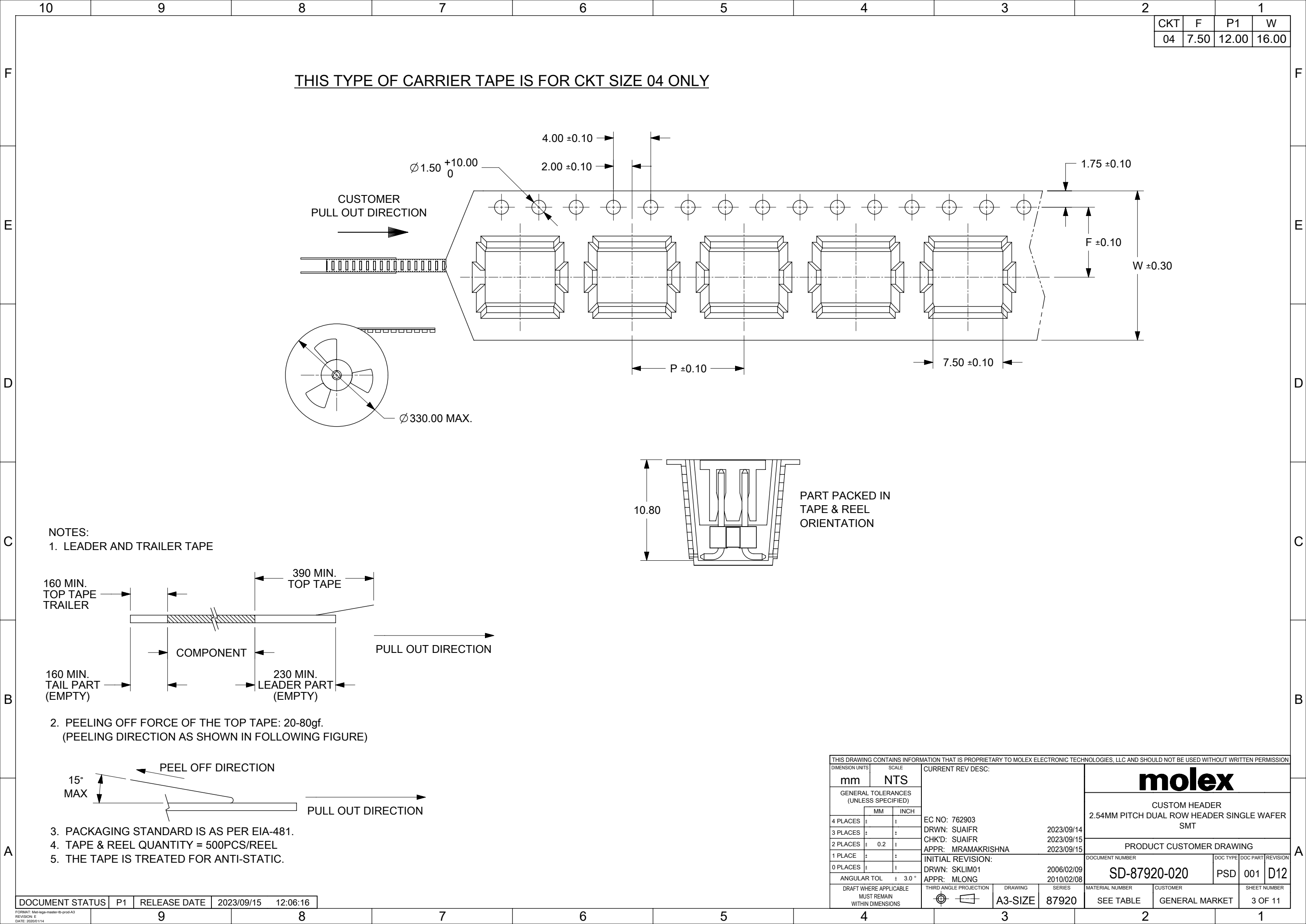
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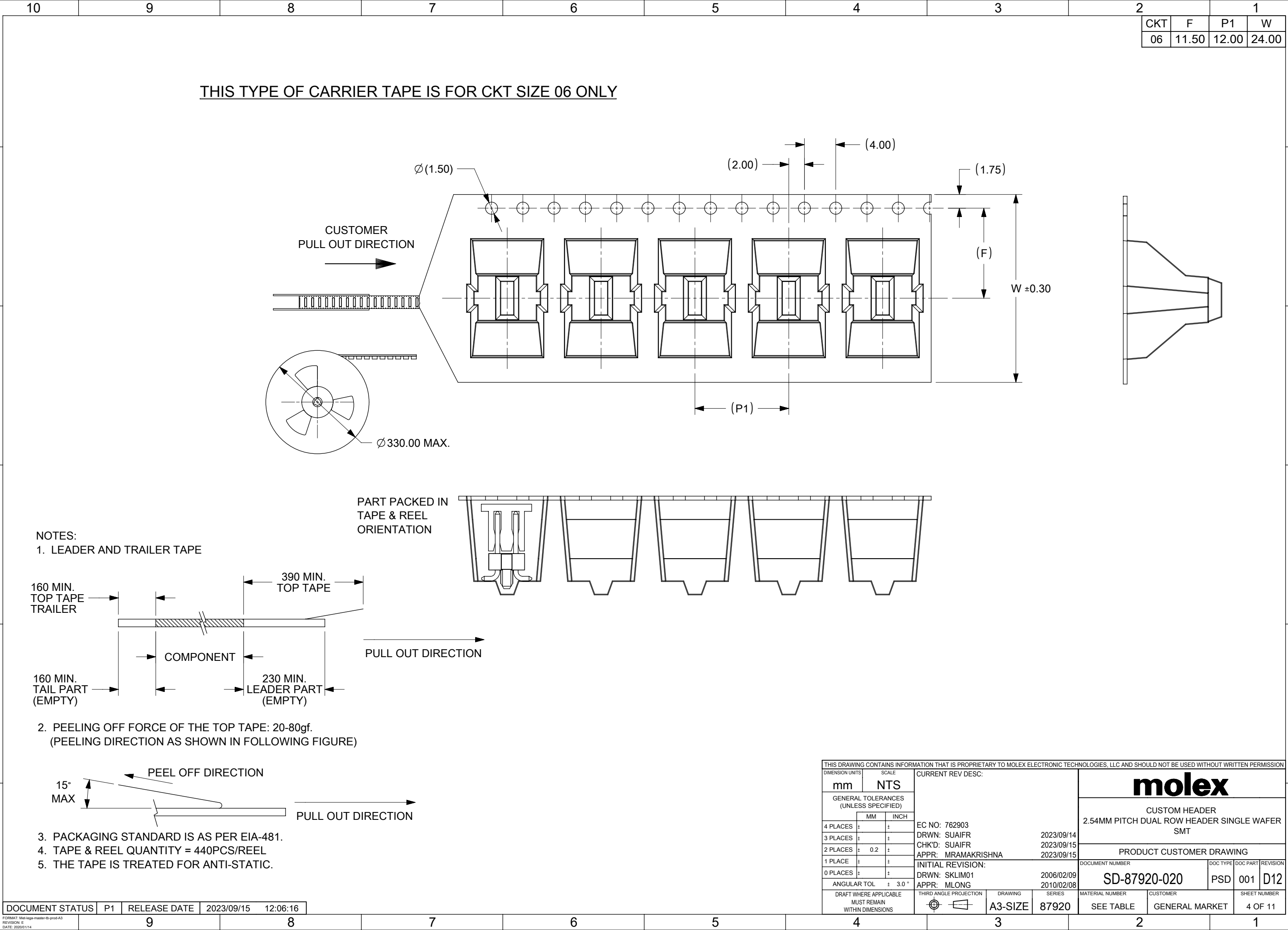
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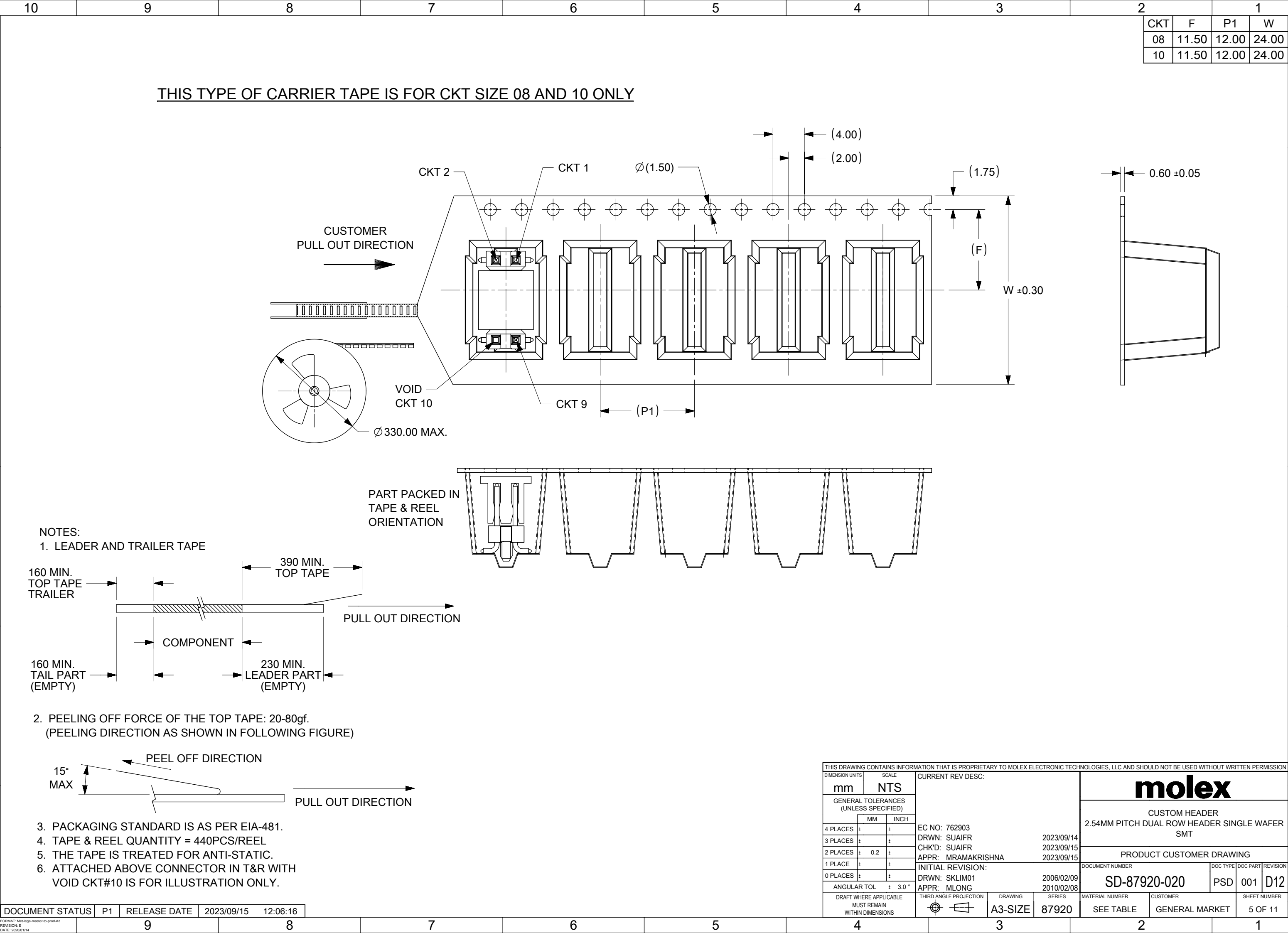
PART WITH PEGS
WITH CAP IN TUBE

PART WITHOUT PEGS
WITHOUT CAP IN TUBE

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						
mm		NTS												
GENERAL TOLERANCES (UNLESS SPECIFIED)								CUSTOM HEADER 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER SMT						
	MM	INCH												
4 PLACES	±		±											
3 PLACES	±		±					EC NO: 762903 DRWN: SUAIFR 2023/09/14 CHK'D: SUAIFR 2023/09/15 APPR: MRAMAKRISHNA 2023/09/15				PRODUCT CUSTOMER DRAWING		
2 PLACES	±	0.2	±											
1 PLACE	±		±	INITIAL REVISION: DRWN: SKLIMO1 2006/02/09 APPR: MLONG 2010/02/08								DOCUMENT NUMBER	DOC TYPE	DOC PART
0 PLACES	±		±					SD-87920-020				PSD	001	D12
ANGULAR TOL ± 3.0°														
DRAWING WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER				
				A3-SIZE		87920		SEE TABLE	GENERAL MARKET	2 OF 11				

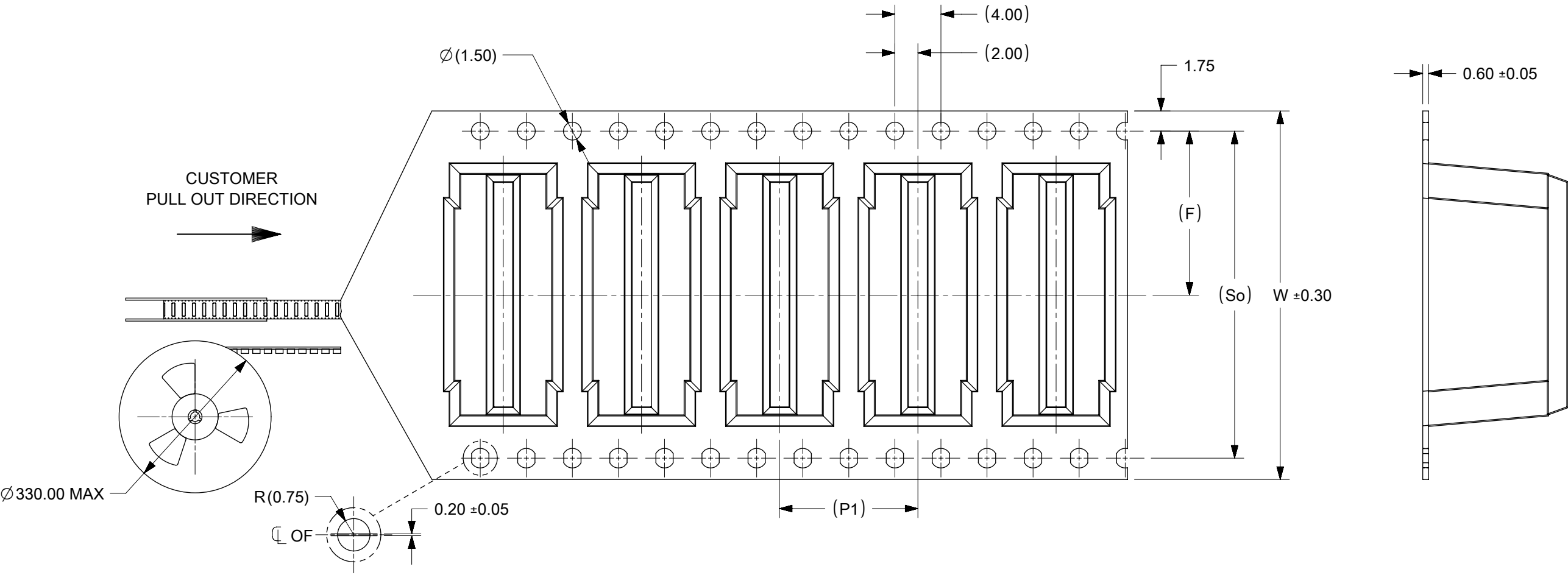




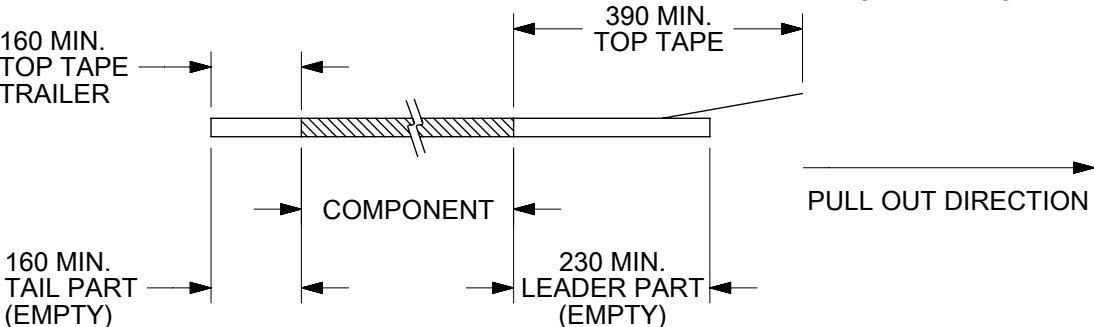


THIS TYPE OF CARRIER TAPE IS FOR CKT SIZE 12, 14, 16 AND 20

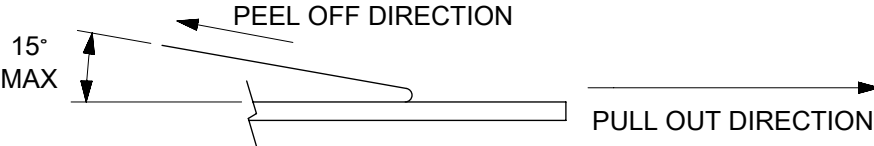
CKT	F	P1	So	W
12	14.20	12.00	28.40	32.00
14	14.20	12.00	28.40	32.00
16	14.20	12.00	28.40	32.00
20	20.20	12.00	40.40	44.00



NOTES:
1. LEADER AND TRAILER TAPE



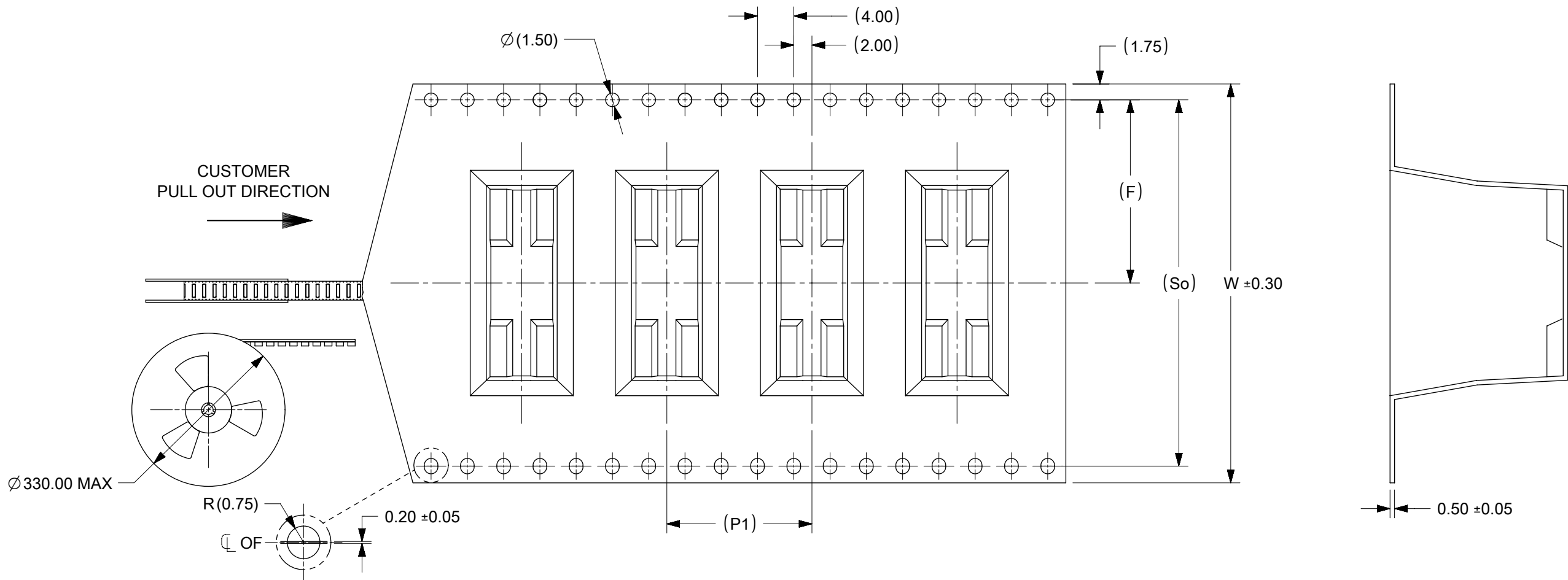
2. PEELING OFF FORCE OF THE TOP TAPE: 20-80gf.
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



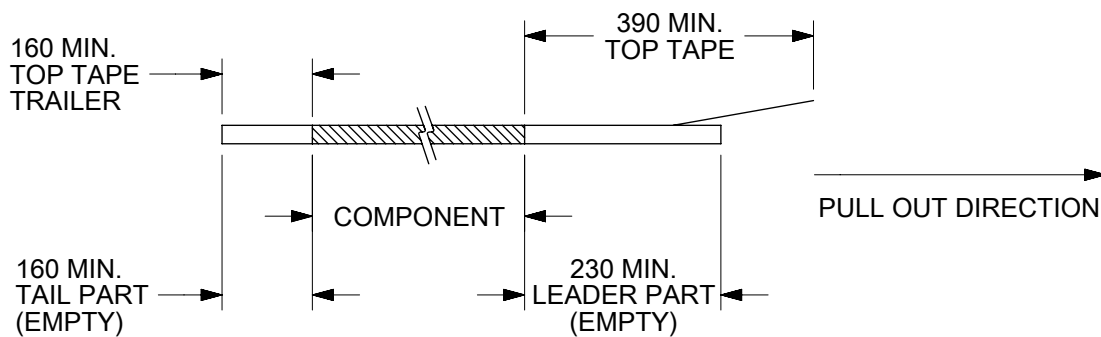
- 3. PACKAGING STANDARD IS AS PER EIA-481.
- 4. TAPE & REEL QUANTITY = 440PCS/REEL
- 5. THE TAPE IS TREATED FOR ANTI-STATIC.

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:				molex			
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 762903 DRWN: SUAIFR CHK'D: SUAIFR APPR: MRAMAKRISHNA				CUSTOM HEADER 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER SMT			
4 PLACES		±	±	2023/09/14 2023/09/15 2023/09/15				PRODUCT CUSTOMER DRAWING			
3 PLACES		±	±								
2 PLACES		±	0.2	INITIAL REVISION:				DOCUMENT NUMBER SD-87920-020			
1 PLACE		±	±								
0 PLACES		±	±	DRWN: SKLIM01 APPR: MLONG				PSD 001 D12			
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 6 OF 11	

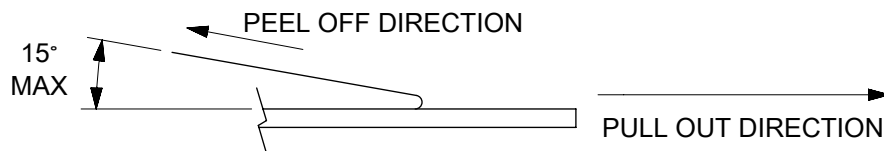
THIS TYPE OF CARRIER TAPE IS FOR CKT SIZE 40



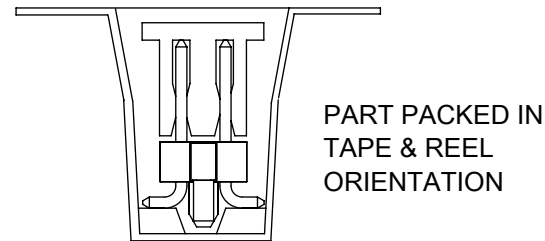
NOTES:
1. LEADER AND TRAILER TAPE



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 = 250PCS/REEL
5. THE TAPE IS TREATED FOR ANTI-STATIC.



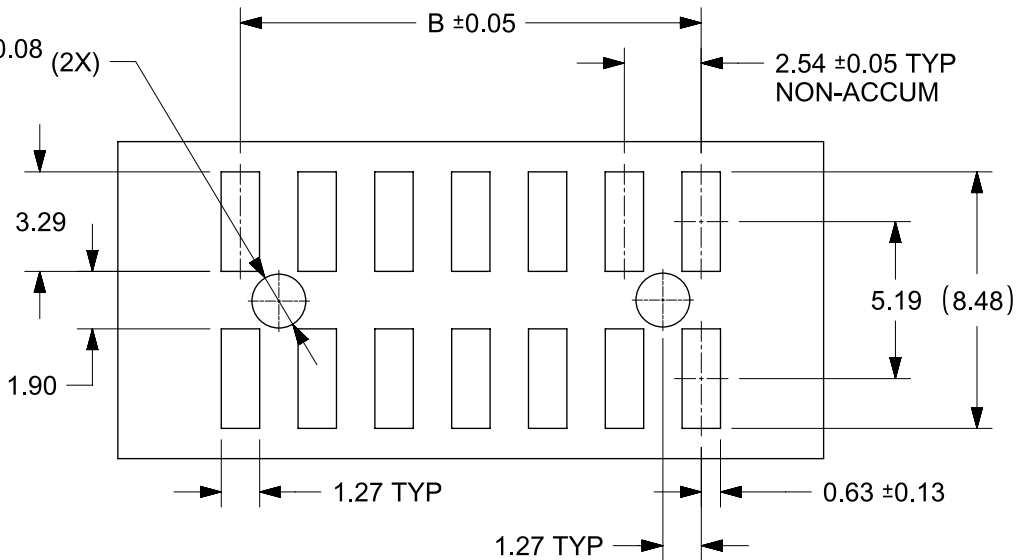
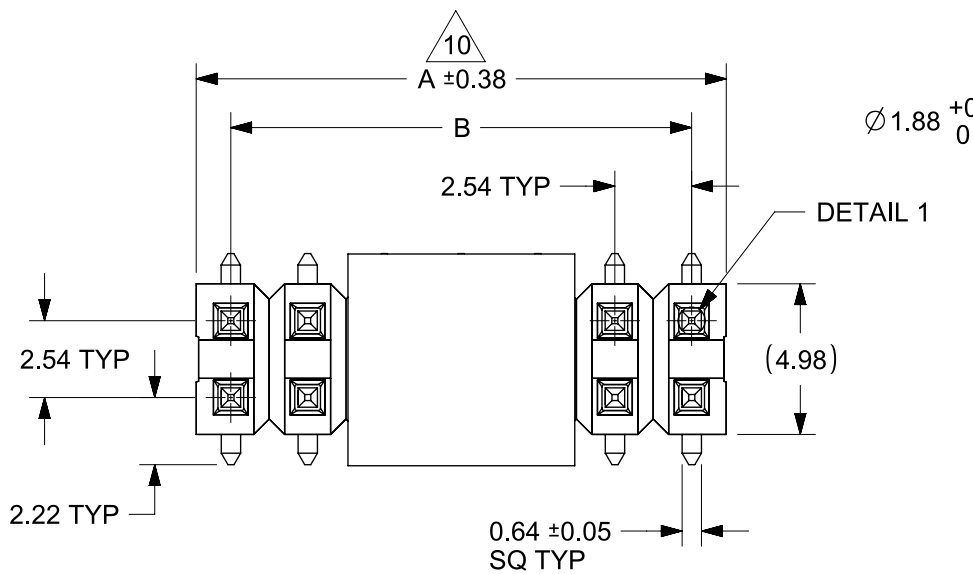
PART PACKED IN
TAPE & REEL
ORIENTATION

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:				molex				
mm		NTS										
GENERAL TOLERANCES (UNLESS SPECIFIED)				CUSTOM HEADER 2.54MM PITCH DUAL ROW HEADER SINGLE WAFER SMT PRODUCT CUSTOMER DRAWING								
	MM	INCH										
4 PLACES	±		±									
3 PLACES	±		±									
2 PLACES	±	0.2	±									
1 PLACE	±		±									
0 PLACES	±		±	EC NO: 762903 DRWN: SUAIFR2023/09/14 CHK'D: SUAIFR2023/09/15 APPR: MRAMAKRISHNA2023/09/15				DOCUMENT NUMBER SD-87920-020		DOC TYPE	DOC PART	REVISION
ANGULAR TOL										±	3.0 °	PSD
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER		
						A3-SIZE	87920	SEE TABLE	GENERAL MARKET	7 OF 11		

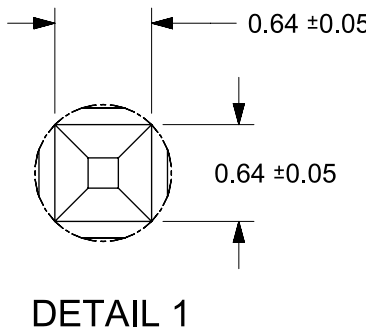
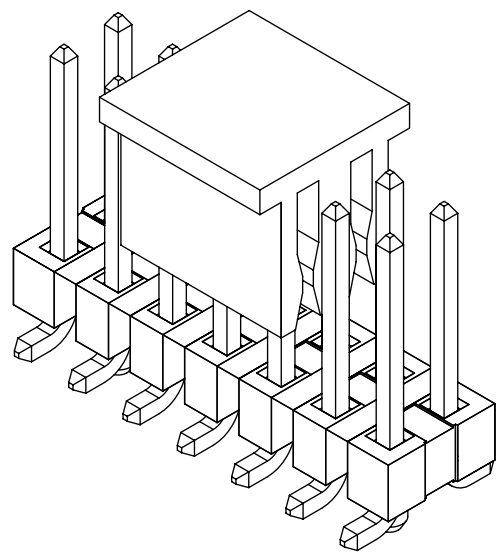
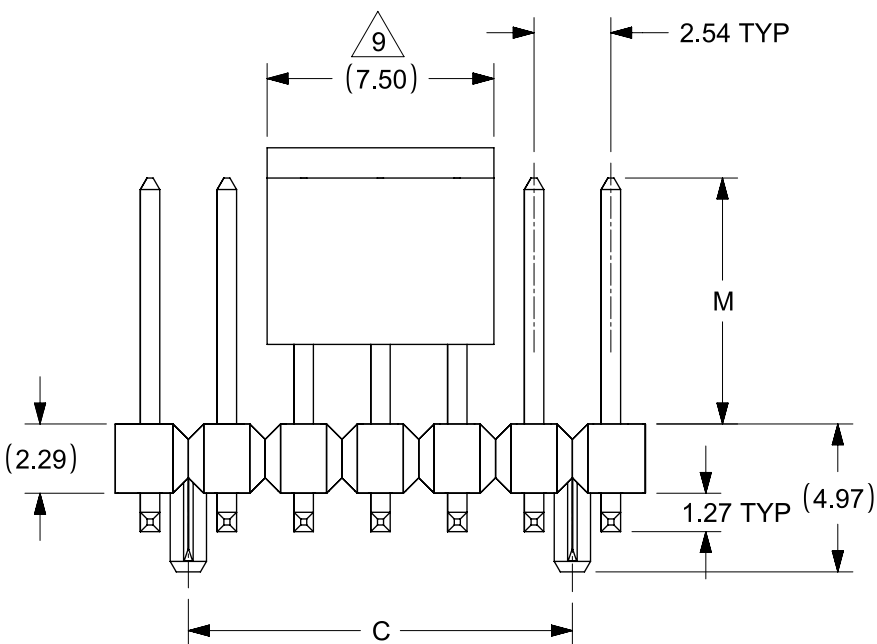
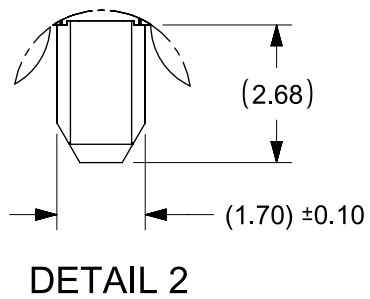
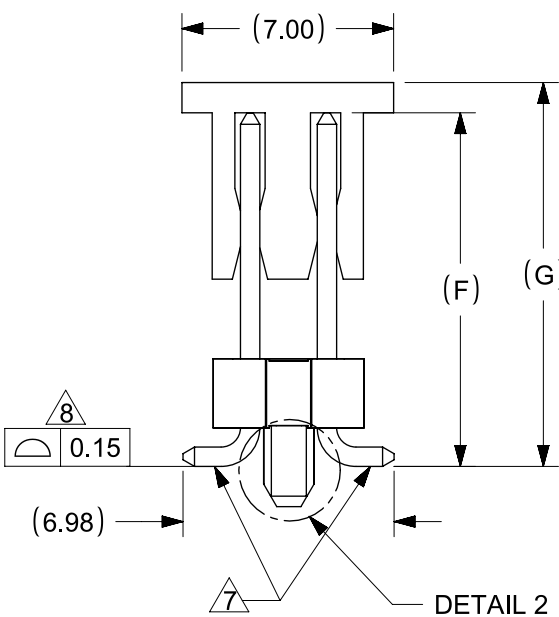
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REVISION: E
DATE: 2020/01/14

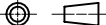
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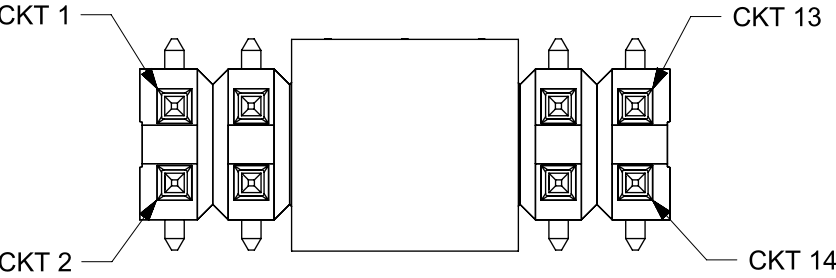
RECOMMENDED PCB LAYOUT



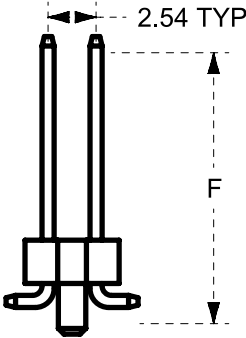
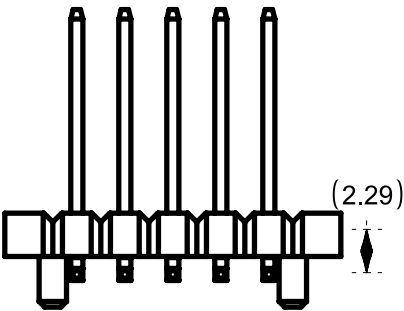
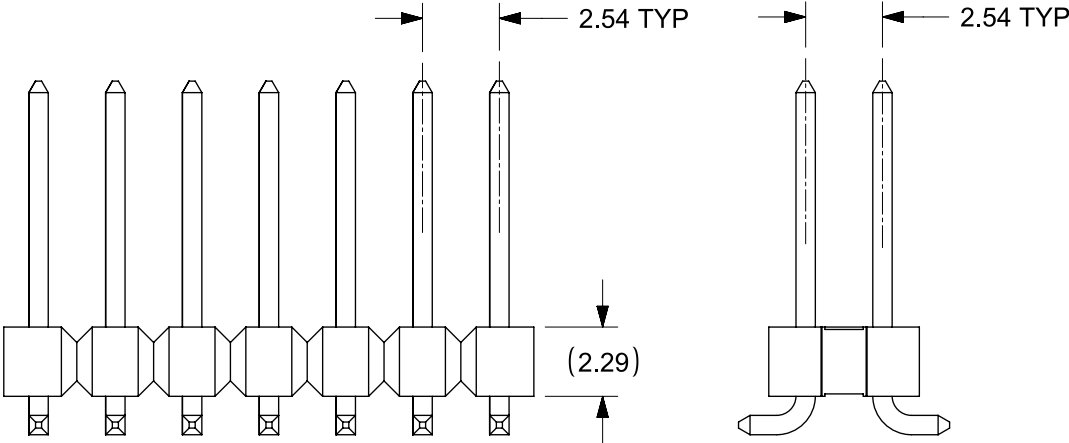
- NOTES:
- MATERIAL:
HSG: LCP, GLASS-FILLED, UL94V-0, COLOR: BLACK
CAP: NYLON, GLASS-FILLED, UL94V-0, COLOR: BLACK
PIN: 0.64MM SQ, COPPER ALLOY
 - PLATING TYPE:
(1) 0.05μm MIN. GOLD PLATE ON CONTACT AND 2.50μm MIN. TIN ON SOLDER TAIL OVER 1.25μm MIN. NICKEL OVERALL.
(2) 0.38μm MIN. GOLD PLATE ON CONTACT 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	DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
				A3-SIZE	87920	SD-87920-050		PSD	001	A6
						SEE TABLE		GENERAL MARKET		SHEET NUMBER 1 OF 10

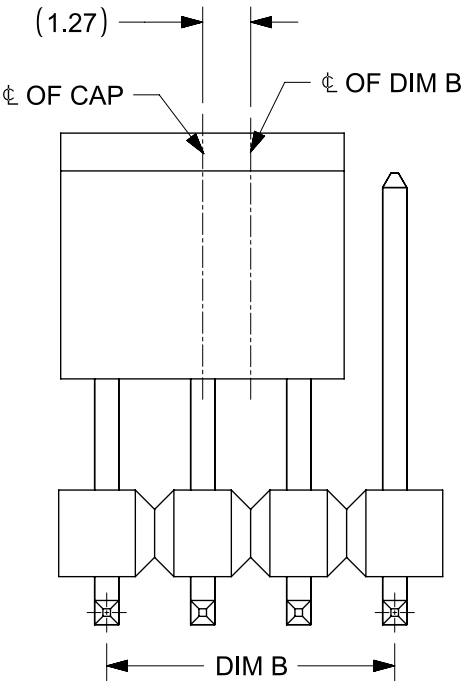
CIRCUITS POSITION
CONFIGURATION



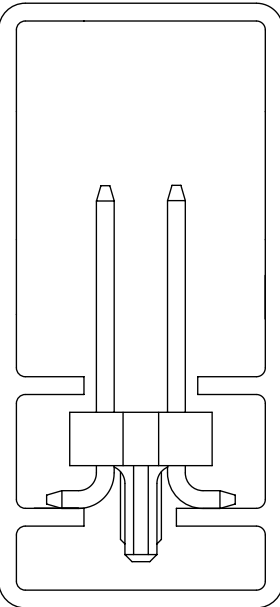
PART WITHOUT
PEG & CAP VERSION



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:				molex		
mm		NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 754349 DRWN: SUAIFR 2023/06/21 CHK'D: SUAIFR 2023/06/22 APPR: MRAMAKRISHNA 2023/06/27				CUSTOM HEADER 2.54MM PITCH DUAL ROW HEADER, SINGLE WAFER SMT		
ANGULAR TOL ± 3.0 °								PRODUCT CUSTOMER DRAWING		
4 PLACES ±										
3 PLACES ±										
2 PLACES ± 0.2				INITIAL REVISION: DRWN: SKLIM01 2007/02/09 APPR: KWLEE 2007/02/14				DOCUMENT NUMBER		
1 PLACE ±								SD-87920-050		
0 PLACES ±								PSD	001	A6
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
				A3-SIZE		87920	SEE TABLE	GENERAL MARKET	2 OF 10	

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

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

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

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)

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

SERIES

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

SERIES

DOCUMENT NUMBER

SD-87920-050

DOCUMENT TYPE

PSD

DOCUMENT PART

001

REVISION

A6

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

4 OF 10

DOCUMENT STATUS

P1

RELEASE DATE

2023/06/27

14:54:02

FORMAT: master-b-prod-A3

REVISION: 14

DATE: 2018/01/18

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6

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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	87920-1627			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	
	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	
E	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	
	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	
D	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	
	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	
C	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	
	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	
B	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	
	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	
A	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	
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										

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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
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		6 OF 10																
DOCUMENT STATUS						P1		RELEASE DATE		2023/06/27		14:54:02																		
9		8		7		6		5		4		3		2		1														
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	87920-2827		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
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 DRWN: SUAIFR 2023/06/21 CHK'D: SUAIFR 2023/06/22 APPR: MRAMAKRISHNA 2023/06/27						CUSTOM HEADER 2.54MM PITCH DUAL ROW HEADER, SINGLE WAFER SMT												
4 PLACES						±				INITIAL REVISION:						PRODUCT CUSTOMER DRAWING														
3 PLACES						±				DRWN: SKLIM01 2007/02/09 APPR: KWLEE 2007/02/14						DOCUMENT NUMBER SD-87920-050						DOC TYPE PSD		DOC PART 001		REVISION A6				
2 PLACES						±		0.2		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						THIRD ANGLE PROJECTION ⌀		DRAWING A3-SIZE		SERIES 87920		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 7 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												

F	10		9		8		7		6		E	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	
	87920-3427		87920-3461		87920-3465		34	N	1	43.18		40.64	-	12.69	11.69	8.13	87920-3447		87920-3481		87920-3485		34	N	1	43.18	40.64	-	15.23	14.23	10.67
	87920-3428		87920-3462		87920-3466		34	N	2	43.18		40.64	-	12.69	11.69	8.13	87920-3448		87920-3482		87920-3486		34	N	2	43.18	40.64	-	15.23	14.23	10.67
	87920-3429		87920-3463		87920-3467		34	N	3	43.18		40.64	-	12.69	11.69	8.13	87920-3449		87920-3483		87920-3487		34	N	3	43.18	40.64	-	15.23	14.23	10.67
	87920-3430		87920-3464		87920-3468		34	N	4	43.18		40.64	-	12.69	11.69	8.13	87920-3450		87920-3484		87920-3488		34	N	4	43.18	40.64	-	15.23	14.23	10.67
	87920-3437		87920-3471		87920-3475		34	Y	1	43.18		40.64	38.10	12.69	11.69	8.13	87920-3457		87920-3491		87920-3495		34	Y	1	43.18	40.64	38.10	15.23	14.23	10.67
	87920-3438		87920-3472		87920-3476		34	Y	2	43.18		40.64	38.10	12.69	11.69	8.13	87920-3458		87920-3492		87920-3496		34	Y	2	43.18	40.64	38.10	15.23	14.23	10.67
	87920-3439		87920-3473		87920-3477		34	Y	3	43.18		40.64	38.10	12.69	11.69	8.13	87920-3459		87920-3493		87920-3497		34	Y	3	43.18	40.64	38.10	15.23	14.23	10.67
87920-3440		87920-3474		87920-3478		34	Y	4	43.18	40.64	38.10	12.69	11.69	8.13	87920-3460		87920-3494		87920-3498		34	Y	4	43.18	40.64	38.10	15.23	14.23	10.67		

F	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
	87920-3827	87920-3861	87920-3865	38	N	1	48.26	45.72	-	12.69	11.69	8.13
	87920-3828	87920-3862	87920-3866	38	N	2	48.26	45.72	-	12.69	11.69	8.13
	87920-3829	87920-3863	87920-3867	38	N	3	48.26	45.72	-	12.69	11.69	8.13
	87920-3830	87920-3864	87920-3868	38	N	4	48.26	45.72	-	12.69	11.69	8.13
	87920-3837	87920-3871	87920-3875	38	Y	1	48.26	45.72	43.18	12.69	11.69	8.13
	87920-3838	87920-3872	87920-3876	38	Y	2	48.26	45.72	43.18	12.69	11.69	8.13
	87920-3839	87920-3873	87920-3877	38	Y	3	48.26	45.72	43.18	12.69	11.69	8.13
	87920-3840	87920-3874	87920-3878	38	Y	4	48.26	45.72	43.18	12.69	11.69	8.13
E												
	87920-4027	87920-4061	87920-4065	40	N	1	50.80	48.26	-	12.69	11.69	8.13
	87920-4028	87920-4062	87920-4066	40	N	2	50.80	48.26	-	12.69	11.69	8.13
	87920-4029	87920-4063	87920-4067	40	N	3	50.80	48.26	-	12.69	11.69	8.13
	87920-4030	87920-4064	87920-4068	40	N	4	50.80	48.26	-	12.69	11.69	8.13
	87920-4037	87920-4071	87920-4075	40	Y	1	50.80	48.26	45.72	12.69	11.69	8.13
	87920-4038	87920-4072	87920-4076	40	Y	2	50.80	48.26	45.72	12.69	11.69	8.13
	87920-4039	87920-4073	87920-4077	40	Y	3	50.80	48.26	45.72	12.69	11.69	8.13
	87920-4040	87920-4074	87920-4078	40	Y	4	50.80	48.26	45.72	12.69	11.69	8.13
F	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
	87920-3847	87920-3881	87920-3885	38	N	1	48.26	45.72	-	15.23	14.23	10.67
	87920-3848	87920-3882	87920-3886	38	N	2	48.26	45.72	-	15.23	14.23	10.67
	87920-3849	87920-3883	87920-3887	38	N	3	48.26	45.72	-	15.23	14.23	10.67
	87920-3850	87920-3884	87920-3888	38	N	4	48.26	45.72	-	15.23	14.23	10.67
	87920-3857	87920-3891	87920-3895	38	Y	1	48.26	45.72	43.18	15.23	14.23	10.67
	87920-3858	87920-3892	87920-3896	38	Y	2	48.26	45.72	43.18	15.23	14.23	10.67
	87920-3859	87920-3893	87920-3897	38	Y	3	48.26	45.72	43.18	15.23	14.23	10.67
	87920-3860	87920-3894	87920-3898	38	Y	4	48.26	45.72	43.18	15.23	14.23	10.67
E												
	87920-4047	87920-4081	87920-4085	40	N	1	50.80	48.26	-	15.23	14.23	10.67
	87920-4048	87920-4082	87920-4086	40	N	2	50.80	48.26	-	15.23	14.23	10.67
	87920-4049	87920-4083	87920-4087	40	N	3	50.80	48.26	-	15.23	14.23	10.67
	87920-4050	87920-4084	87920-4088	40	N	4	50.80	48.26	-	15.23	14.23	10.67
	87920-4057	87920-4091	87920-4095	40	Y	1	50.80	48.26	45.72	15.23	14.23	10.67
	87920-4058	87920-4092	87920-4096	40	Y	2	50.80	48.26	45.72	15.23	14.23	10.67
	87920-4059	87920-4093	87920-4097	40	Y	3	50.80	48.26	45.72	15.23	14.23	10.67
	87920-4060	87920-4094	87920-4098	40	Y	4	50.80	48.26	45.72	15.23	14.23	10.67
F	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
	87920-4047	87920-4081	87920-4085	40	N	1	50.80	48.26	-	15.23	14.23	10.67
	87920-4048	87920-4082	87920-4086	40	N	2	50.80	48.26	-	15.23	14.23	10.67
	87920-4049	87920-4083	87920-4087	40	N	3	50.80	48.26	-	15.23	14.23	10.67
	87920-4050	87920-4084	87920-4088	40	N	4	50.80	48.26	-	15.23	14.23	10.67
	87920-4057	87920-4091	87920-4095	40	Y	1	50.80	48.26	45.72	15.23	14.23	10.67
	87920-4058	87920-4092	87920-4096	40	Y	2	50.80	48.26	45.72	15.23	14.23	10.67
	87920-4059	87920-4093	87920-4097	40	Y	3	50.80	48.26	45.72	15.23	14.23	10.67
	87920-4060	87920-4094	87920-4098	40	Y	4	50.80	48.26	45.72	15.23	14.23	10.67
F	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
	87920-4047	87920-4081	87920-4085	40	N	1	50.80	48.26	-	15.23	14.23	10.67
	87920-4048	87920-4082	87920-4086	40	N	2	50.80	48.26	-	15.23	14.23	10.67
	87920-4049	87920-4083	87920-4087	40	N	3	50.80	48.26	-	15.23	14.23	10.67
	87920-4050	87920-4084	87920-4088	40	N	4	50.80	48.26	-	15.23	14.23	10.67
	87920-4057	87920-4091	87920-4095	40	Y	1	50.80	48.26	45.72	15.23	14.23	10.67
	87920-4058	87920-4092	87920-4096	40	Y	2	50.80	48.26	45.72	15.23	14.23	10.67
	87920-4059	87920-4093	87920-4097	40	Y	3	50.80	48.26	45.72	15.23	14.23	10.67
	87920-4060	87920-4094	87920-4098	40	Y	4	50.80	48.26	45.72	15.23	14.23	10.67
F	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
	87920-4047	87920-4081	87920-4085	40	N	1	50.80	48.26	-	15.23	14.23	10.67
	87920-4048	87920-4082	87920-4086	40	N	2	50.80	48.26	-	15.23	14.23	10.67
	87920-4049	87920-4083	87920-4087	40	N	3	50.80	48.26	-	15.23	14.23	10.67
	87920-4050	87920-4084	87920-4088	40	N	4	50.80	48.26	-	15.23	14.23	10.67
	87920-4057	87920-4091	87920-4095	40	Y	1	50.80	48.26	45.72	15.23	14.23	10.67
	87920-4058	87920-4092	87920-4096	40	Y	2	50.80	48.26	45.72	15.23	14.23	10.67
	87920-4059	87920-4093	87920-4097	40	Y	3	50.80	48.26	45.72	15.23	14.23	10.67
	87920-4060	87920-4094	87920-4098	40	Y	4	50.80	48.26	45.72	15.23	14.23	10.67
F	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
	87920-4047	87920-4081	87920-4085	40	N	1	50.80	48.26	-	15.23	14.23	10.67
	87920-4048	87920-4082	87920-4086	40	N	2	50.80	48.26	-	15.23	14.23	10.67
	87920-4049	87920-4083	87920-4087	40	N	3	50.80	48.26	-	15.23	14.23	10.67
	87920-4050	87920-4084	87920-4088	40	N	4	50.80	48.26	-	15.23	14.23	10.67
	87920-4057	87920-4091	87920-4095	40	Y	1	50.80	48.26	45.72	15.23	14.23	10.67
	87920-4058	87920-4092	87920-4096	40	Y	2	50.80	48.26	45.72	15.23	14.23	10.67
	87920-4059	87920-4093	87920-4097	40	Y	3	50.80	48.26	45.72	15.23	14.23	10.67
	87920-4060	87920-4094	87920-4098	40	Y	4	50.80	48.26	45.72	15.23	14.23	10.67
F	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
	87920-4047	87920-4081	87920-4085	40	N	1	50.80	48.26	-	15.23	14.23	10.67
	87920-4048	87920-4082	87920-4086	40	N	2	50.80	48.26	-	15.23	14.23	10.67
	87920-4049	87920-4083	87920-4087	40	N	3	50.80	48.26	-	15.23	14.23	10.67
	87920-4050	87920-4084	87920-4088	40	N	4	50.80	48.26	-	15.23	14.23	10.67
	87920-4057	87920-4091	87920-4095	40	Y	1	50.80	48.26	45.72	15.23	14.23	10.67
	87920-4058	87920-4092	87920-4096	40	Y	2	50.80	48.26	45.72	15.23	14.23	10.67
	87920-4059	87920-4093	87920-4097	40	Y	3	50.80	48.26	45.72	15.23	14.23	10.67
	87920-4060	87920-4094	87920-4098	40	Y	4	50.80	48.26	45.72	15.23	14.23	10.67
F	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
	87920-4047	87920-4081	87920-4085	40	N	1	50.80	48.26	-	15.23	14.23	10.67
	87920-4048	87920-4082	87920-4086	40	N	2	50.80	48.26	-	15.23	14.23	10.67
	87920-4049	87920-4083	87920-4087	40	N	3	50.80	48.26	-	15.23	14.23	10.67
	87920-4050	87920-4084	87920-4088	40	N	4	50.80	48.26	-	15.23	14.23	10.67
	87920-4057	87920-4091	87920-4095	40	Y	1	50.80	48.26	45.72	15.23	14.23	10.67
	87920-4058	87920-4092	87920-4096	40	Y	2	50.80	48.26	45.72	15.23	14.23	10.67
	87920-4059	87920-4093	87920-4097	40	Y	3	50.80	48.26	45.72	15.23	14.23	10.67
	87920-4060	87920-4094	87920-4098	40	Y	4	50.80	48.26	45.72	15.23	14.23	10.67
F	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
	87920-4047	87920-4081	87920-4085	40	N	1	50.80	48.26	-	15.23	14.23	10.67
	87920-4048	87920-4082	87920-4086	40	N	2	50.80	48.26	-	15.23	14.23	10.67
	87920-4049	87920-4083	87920-4087	40	N	3	50.80	48.26	-	15.23	14.23	10.67
	87920-4050	87920-4084	87920-4088	40	N	4	50.80	48.26	-	15.23	14.23	10.67
	87920-4057	87920-4091	87920-4095	40	Y	1	50.80	48.26	45.72	15.23	14.23	10.67
	87920-4058	87920-4092	87920-4096	40	Y	2	50.80	48.26	45.72	15.23	14.23	10.67
	87920-4059	87920-4093	87920-4097	40	Y	3	50.80	48.26	45.72	15.23	14.23	10.67
	87920-4060	87920-4094	8									

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A

SPECIAL OPTION

PART NUMBER IN PACKAGING OPTION		CKT SIZE	PEG	PLATE OPT.	DIMENSION						
					A	B	C	G	F	CKT LOCATION	
WITH CAP IN TAPE & REEL	WITH CAP IN TUBE									M = 10.67	M = 0
87920-1201	87920-1202	12	Y	4	15.24	12.70	10.16	15.23	14.23	3, 4, 5, 6, 7, 8, 9, 10	1, 2, 11, 12

CKT 1

CKT 2

CKT 11

CKT 12

12 CKT WITH SPECIAL OPTION

(PART WITHOUT CAP FOR ILLUSTRATION 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:				molex CUSTOM HEADER 2.54MM PITCH DUAL ROW HEADER, SINGLE WAFER SMT									
mm		NTS															
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 754349				DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION	
ANGULAR TOL ± 3.0 °																	
4 PLACES ±				DRWN: SUAIFR 2023/06/21				SD-87920-050				PSD		001		A6	
3 PLACES ±																	
2 PLACES ± 0.2				INITIAL REVISION:				SERIES				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
1 PLACE ±																	
0 PLACES ±				THIRD ANGLE PROJECTION				DRAWING		87920		SEE TABLE		GENERAL MARKET		10 OF 10	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																	

DOCUMENT STATUS

P1

RELEASE DATE

2023/06/27

14:54:02

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