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NOTES:

1. MATERIAL:

HOUSING: LCP, GLASS-FILLED, UL94V-0,

COLOR: BLACK

TERMINAL: COPPER ALLOY 0.64mm SQ

2. PLATING TYPE:

(1) GOLD FLASH OVER

50 MICRO INCHES MIN. NICKEL OVERALL.

(2) 1 MICRO INCHES MIN. GOLD PLATE ON CONTACT AND

75 MICRO INCHES MIN. TIN ON SOLDERTAIL OVER

50 MICRO INCHES MIN. NICKEL OVERALL.

(3) 10 MICRO INCHES MIN. GOLD PLATE ON CONTACT AND

75 MICRO INCHES MIN. TIN ON SOLDERTAIL OVER

50 MICRO INCHES MIN. NICKEL OVERALL.

(4) 15 MICRO INCHES MIN. GOLD PLATE ON CONTACT AND

75 MICRO INCHES MIN. TIN ON SOLDERTAIL OVER

50 MICRO INCHES MIN. NICKEL OVERALL.

(5) 30 MICRO INCHES MIN. GOLD PLATE ON CONTACT AND

75 MICRO INCHES MIN. TIN ON SOLDERTAIL OVER

50 MICRO INCHES MIN. NICKEL OVERALL.

(6) 100 MICRO INCHES MIN. TIN IN SELECTED AREA OVER

50 MICRO INCHES MIN. NICKEL OVERALL.

3. PIN PUSHOUT FORCE: 1KG MIN IN EITHER DIRECTION

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

5. FOR PACKAGING OPTION PLEASE REFER TO THE TABLE.

△ 6. IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION

IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN

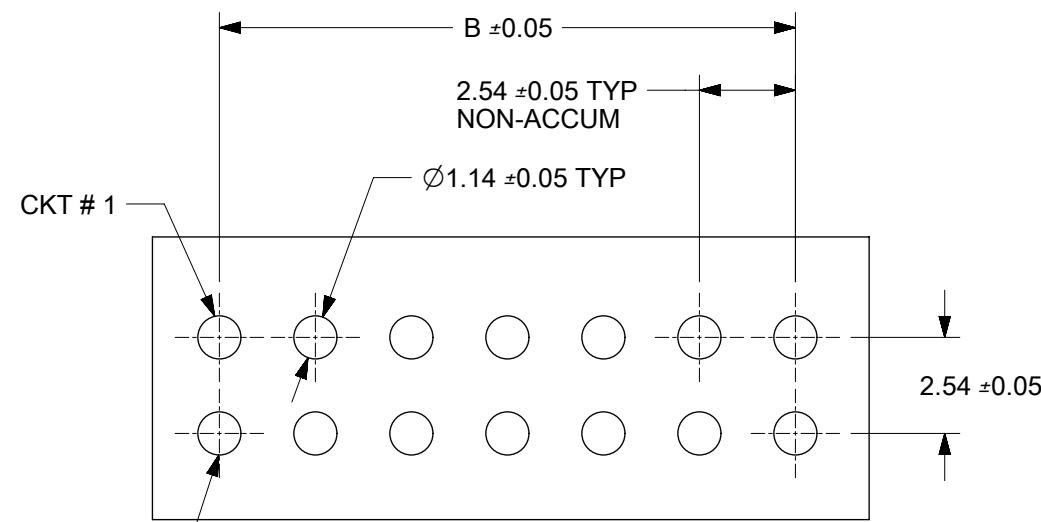
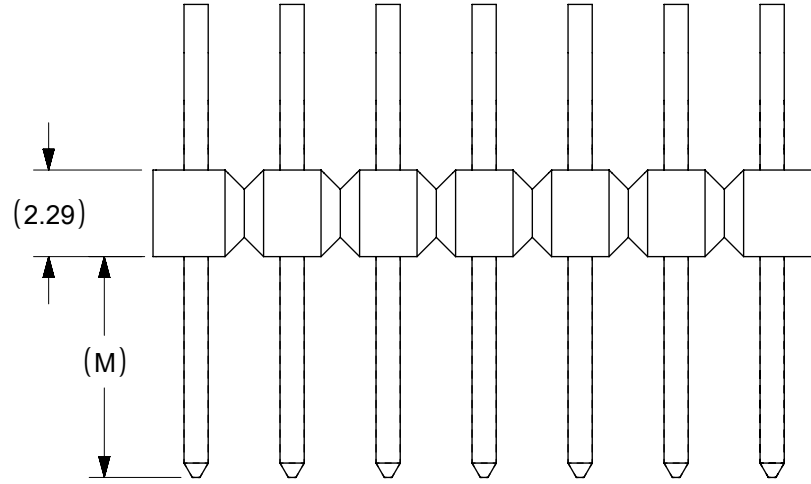
BODY IS NOT ACCEPTABLE

7. RECOMMENDED PCB THICKNESS = 1.60±0.10mm

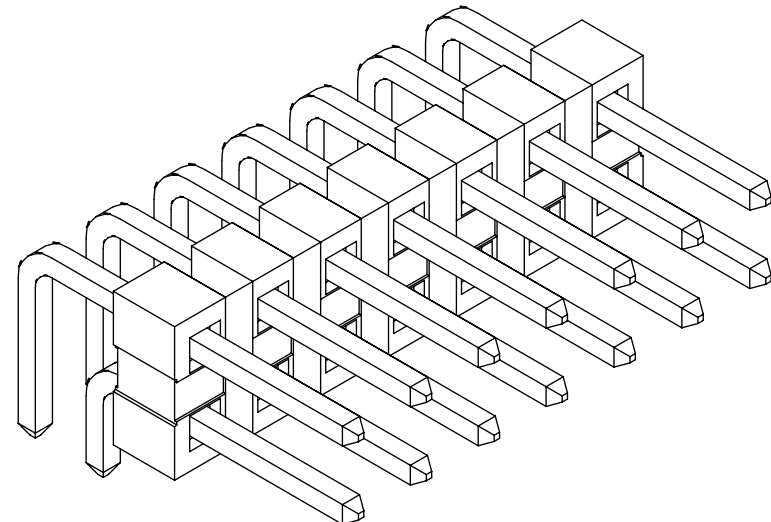
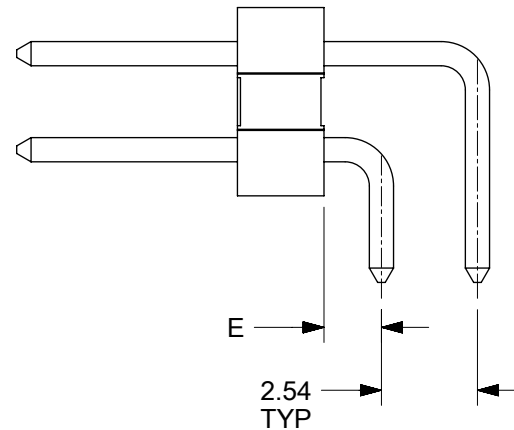
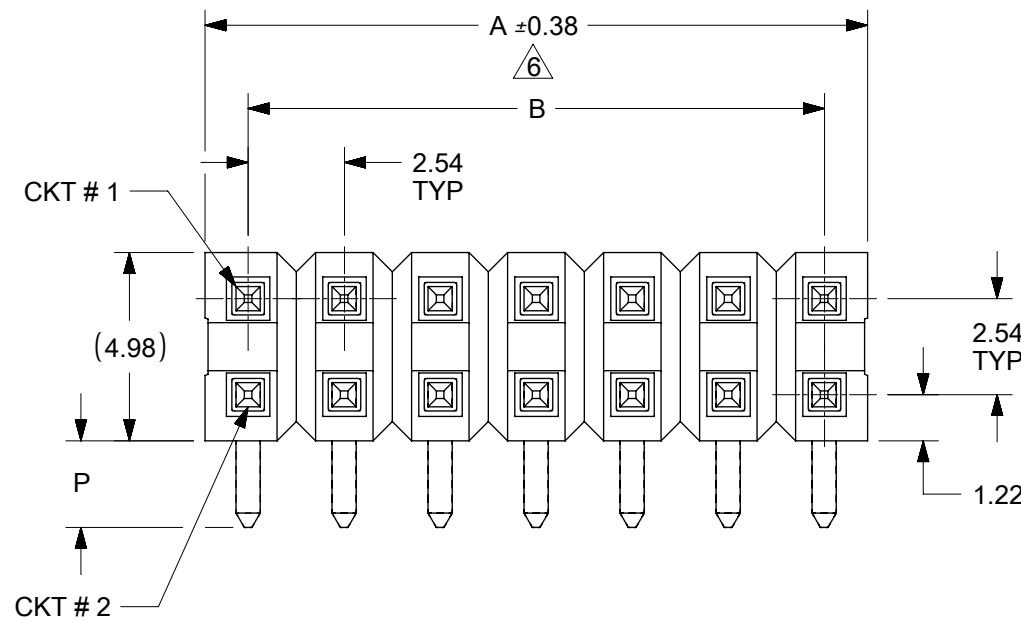
8. THE ABOVE CKT 14 IS FOR ILLUSTRATION PURPOSE ONLY

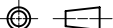
9. PRODUCT SPECIFICATION: PS-87920-019

10. PACKAGING SPECIFICATION: PK-89990-519



RECOMMENDED PCB HOLE LAYOUT



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: 635905 DRWN: ABABUPS 2020/04/14 CHK'D: MRAMAKRISHNA 2020/04/15 APPR: MRAMAKRISHNA 2020/04/15 INITIAL REVISION: DRWN: KSEE 2004/11/30 APPR: SCLOW 2004/12/16									
	MM	INCH											
4 PLACES	±	±											
3 PLACES	±	±											
2 PLACES	± 0.2	±											
1 PLACE	±	±											
0 PLACES	±	±											
ANGULAR TOL ± 3.0 °				CUSTOM HEADER 2.54MM DUAL ROW HEADER SINGLE WAFER, R/A									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS													
THIRD ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A3-SIZE		87911		SEE TABLE		GENERAL MARKET		1 OF 9	

DOCUMENT STATUS	P1	RELEASE DATE	2020/04/15	10:33:16
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FORMAT: Mef-lega-master-ib-prod-A3
REVISION: D
DATE: 2018/01/18

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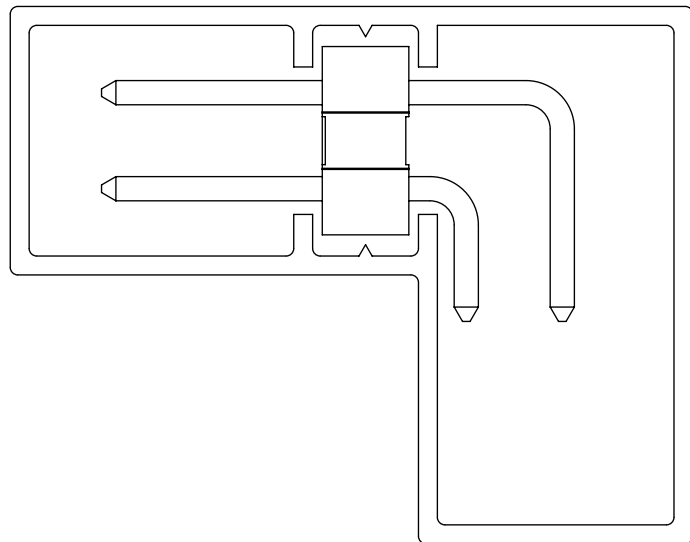
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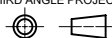
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PART IN TUBE ORIENTATION

[illegible]

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 DUAL ROW HEADER SINGLE WAFER, R/A							
	MM	INCH													
4 PLACES	±	±													
3 PLACES	±	±		EC NO: 635905 DRWN: ABABUPS 2020/04/14 CHK'D: MRAMAKRISHNA 2020/04/15 APPR: MRAMAKRISHNA 2020/04/15				PRODUCT CUSTOMER DRAWING							
2 PLACES	± 0.2	±													
1 PLACE	±	±		INITIAL REVISION: DRWN: KSEE 2004/11/30 APPR: SCLOW 2004/12/16				DOCUMENT NUMBER SD-87911-015		DOC TYPE PSD		DOC PART 001		REVISION C1	
0 PLACES	±														
ANGULAR TOL ± 3.0 °															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 87911		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 2 OF 9	

DOCUMENT STATUS	P1	RELEASE DATE	2020/04/15	10:33:16
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9		8			7			6			
PACKAGING OPTION PART NO.				CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION				
TRAY	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL				A	B	MATING END	SOLDER TAIL	E
									M	P	
-----	87911-0801	-----	-----	8	-----	1	10.16	7.62	5.84	2.29	1.52
-----	87911-0802	-----	-----	8	-----	2	10.16	7.62	5.84	2.29	1.52
-----	87911-0803	-----	-----	8	-----	3	10.16	7.62	5.84	2.29	1.52
-----	87911-0804	-----	-----	8	-----	4	10.16	7.62	5.84	2.29	1.52
-----	87911-0805	-----	-----	8	-----	5	10.16	7.62	5.84	2.29	1.52
-----	87911-0806	-----	-----	8	-----	6	10.16	7.62	5.84	2.29	1.52
-----	87911-0807	-----	-----	8	-----	1	10.16	7.62	8.13	2.79	2.61
-----	87911-0808	-----	-----	8	-----	2	10.16	7.62	8.13	2.79	2.61
-----	87911-0809	-----	-----	8	-----	3	10.16	7.62	8.13	2.79	2.61
-----	87911-0800	-----	-----	8	-----	1	10.16	7.62	6.10	2.79	2.29
-----	87911-0814	-----	-----	8	-----	1	10.16	7.62	5.80	3.60	1.81
-----	87911-1001	-----	-----	10	-----	1	12.70	10.16	5.84	2.29	1.52
-----	87911-1002	-----	-----	10	-----	2	12.70	10.16	5.84	2.29	1.52
-----	87911-1003	-----	-----	10	-----	3	12.70	10.16	5.84	2.29	1.52
-----	87911-1004	-----	-----	10	-----	4	12.70	10.16	5.84	2.29	1.52
-----	87911-1005	-----	-----	10	-----	5	12.70	10.16	5.84	2.29	1.52
-----	87911-1006	-----	-----	10	-----	6	12.70	10.16	5.84	2.29	1.52
-----	87911-1007	-----	-----	10	-----	1	12.70	10.16	8.13	2.79	2.61
-----	87911-1008	-----	-----	10	-----	2	12.70	10.16	8.13	2.79	2.61
-----	87911-1009	-----	-----	10	-----	3	12.70	10.16	8.13	2.79	2.61
-----	87911-1015	-----	-----	10	-----	5					
87911-1016	-----	-----	-----	10	-----	5	12.70	10.16	2.46	2.46	1.52
-----	87911-1017	-----	-----	10	-----	5	12.70	10.16	8.80	3.18	2.59
87911-1019	-----	-----	-----	10	-----	1	12.70	10.16	3.00	10.00	2.12
-----	87911-1201	-----	-----	12	-----	1	15.24	12.70	5.84	2.29	1.52
-----	87911-1202	-----	-----	12	-----	2	15.24	12.70	5.84	2.29	1.52
-----	87911-1203	-----	-----	12	-----	3	15.24	12.70	5.84	2.29	1.52
-----	87911-1204	-----	-----	12	-----	4	15.24	12.70	5.84	2.29	1.52
-----	87911-1205	-----	-----	12	-----	5	15.24	12.70	5.84	2.29	1.52
-----	87911-1206	-----	-----	12	-----	6	15.24	12.70	5.84	2.29	1.52
-----	87911-1207	-----	-----	12	-----	1	15.24	12.70	8.13	2.79	2.61
-----	87911-1208	-----	-----	12	-----	2	15.24	12.70	8.13	2.79	2.61
-----	87911-1209	-----	-----	12	-----	3	15.24	12.70	8.13	2.79	2.61
87911-1215	-----	-----	-----	12	-----	2	15.24	12.70	11.57	4.47	4.43

		4		3		2		1			
PACKAGING OPTION PART NO.				CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION				
TRAY	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL				A	B	MATING END	SOLDER TAIL	E
									M	P	
-----	87911-1401	-----	-----	14	-----	1	17.78	15.24	5.84	2.29	1.52
-----	87911-1402	-----	-----	14	-----	2	17.78	15.24	5.84	2.29	1.52
-----	87911-1403	-----	-----	14	-----	3	17.78	15.24	5.84	2.29	1.52
-----	87911-1404	-----	-----	14	-----	4	17.78	15.24	5.84	2.29	1.52
-----	87911-1405	-----	-----	14	-----	5	17.78	15.24	5.84	2.29	1.52
-----	87911-1406	-----	-----	14	-----	6	17.78	15.24	5.84	2.29	1.52
-----	87911-1407	-----	-----	14	-----	1	17.78	15.24	8.13	2.79	2.61
-----	87911-1408	-----	-----	14	-----	2	17.78	15.24	8.13	2.79	2.61
-----	87911-1409	-----	-----	14	-----	3	17.78	15.24	8.13	2.79	2.61
-----	87911-1600	-----	-----	16	-----	5	20.32	17.78	4.00	4.50	1.52
-----	87911-1601	-----	-----	16	-----	1	20.32	17.78	5.84	2.29	1.52
-----	87911-1602	-----	-----	16	-----	2	20.32	17.78	5.84	2.29	1.52
-----	87911-1603	-----	-----	16	-----	3	20.32	17.78	5.84	2.29	1.52
-----	87911-1604	-----	-----	16	-----	4	20.32	17.78	5.84	2.29	1.52
-----	87911-1605	-----	-----	16	-----	5	20.32	17.78	5.84	2.29	1.52
-----	87911-1606	-----	-----	16	-----	6	20.32	17.78	5.84	2.29	1.52
-----	87911-1607	-----	-----	16	-----	1	20.32	17.78	8.13	2.79	2.61
-----	87911-1608	-----	-----	16	-----	2	20.32	17.78	8.13	2.79	2.61
-----	87911-1609	-----	-----	16	-----	3	20.32	17.78	8.13	2.79	2.61
-----	87911-1614	-----	-----	16	-----	5	20.32	17.78	3.35	2.34	1.52
-----	87911-1615	-----	-----	16	-----	4	20.32	17.78	3.35	2.34	1.52
-----	-----	-----	87911-1617	16	CKT 3, 4, 7, 8 11 & 12	4	20.32	17.78	6.10	2.00	2.61
-----	87911-1801	-----	-----	18	-----	1	22.86	20.32	5.84	2.29	1.52
-----	87911-1802	-----	-----	18	-----	2	22.86	20.32	5.84	2.29	1.52
-----	87911-1803	-----	-----	18	-----	3	22.86	20.32	5.84	2.29	1.52
-----	87911-1804	-----	-----	18	-----	4	22.86	20.32	5.84	2.29	1.52
-----	87911-1805	-----	-----	18	-----	5	22.86	20.32	5.84	2.29	1.52
-----	87911-1806	-----	-----	18	-----	6	22.86	20.32	5.84	2.29	1.52
-----	87911-1807	-----	-----	18	-----	1	22.86	20.32	8.13	2.79	2.61
-----	87911-1808	-----	-----	18	-----	2	22.86	20.32	8.13	2.79	2.61
-----	87911-1809	-----	-----	18	-----	3	22.86	20.32	8.13	2.79	2.61

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DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES
(UNLESS SPECIFIED)

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

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

87911

CURRENT REV DESC:

EC NO: 635905

DRWN: ABABUPS 2020/04/14

CHK'D: MRAMAKRISHNA 2020/04/15

APPR: MRAMAKRISHNA 2020/04/15

INITIAL REVISION:

DRWN: KSEE 2004/11/30

APPR: SCLOW 2004/12/16

molex

CUSTOM HEADER

2.54MM DUAL ROW HEADER SINGLE WAFER, R/A

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-87911-015

DOC TYPE

PSD

DOC PART

001

REVISION

C1

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

3 OF 9

DOCUMENT STATUS

P1

RELEASE DATE

2020/04/15 10:33:16

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FORMAT: Mef-lega-master-ib-prod-A3
REVISION: D
DATE: 2018/01/18

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PACKAGING OPTION PART NO.				CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					PACKAGING OPTION PART NO.				CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
TRAY	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL				A	B	MATING END	SOLDER TAIL	E	TRAY	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL				A	B	MATING END	SOLDER TAIL	E																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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E	-----	87911-2001	-----	-----	20	-----	1	25.40	22.86	5.84	2.29	1.52	-----	87911-2601	-----	-----	26	-----	1	33.02	30.48	5.84	2.29	1.52																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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C	-----	87911-2401	-----	-----	24	-----	1	30.48	27.94	5.84	2.29	1.52	-----	87911-3001	-----	-----	30	-----	1	38.10	35.56	5.84	2.29	1.52																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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	-----	87911-2406	-----	-----	24	-----	6	30.48	27.94	5.84	2.29	1.52	-----	87911-3006	-----	-----	30	-----	6	38.10	35.56	5.84	2.29	1.52																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	-----	87911-2407	-----	-----	24	-----	1	30.48	27.94	8.13	2.79	2.61	-----	87911-3007	-----	-----	30	-----	1	38.10	35.56	8.13	2.79	2.61																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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B	-----	87911-2414	-----	-----	24	-----	5	30.48	27.94	3.35	2.34	1.52	-----	87911-3001	-----	-----	30	-----	1	38.10	35.56	5.84	2.29	1.52																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	-----	87911-2415	-----	-----	24	-----	4	30.48	27.94	3.35	2.34	1.52	-----	87911-3002	-----	-----	30	-----	2	38.10	35.56	5.84	2.29	1.52																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

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PACKAGING OPTION PART NO.						CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					PACKAGING OPTION PART NO.						DIMENSION				
TRAY	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL	A	B				MATING END	SOLDER TAIL	E	TRAY	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL	CKT SIZE	VOID POSITION	PLATING TYPE	A	B	MATING END	SOLDER TAIL	E	
									M	P											M	P		
E	-----	87911-3201	-----	-----	32	-----	1	40.64	38.10	5.84	2.29	1.52	-----	87911-3801	-----	-----	38	-----	1	48.26	45.72	5.84	2.29	1.52
	-----	87911-3202	-----	-----	32	-----	2	40.64	38.10	5.84	2.29	1.52	-----	87911-3802	-----	-----	38	-----	2	48.26	45.72	5.84	2.29	1.52
	-----	87911-3203	-----	-----	32	-----	3	40.64	38.10	5.84	2.29	1.52	-----	87911-3803	-----	-----	38	-----	3	48.26	45.72	5.84	2.29	1.52
	-----	87911-3204	-----	-----	32	-----	4	40.64	38.10	5.84	2.29	1.52	-----	87911-3804	-----	-----	38	-----	4	48.26	45.72	5.84	2.29	1.52
	-----	87911-3205	-----	-----	32	-----	5	40.64	38.10	5.84	2.29	1.52	-----	87911-3805	-----	-----	38	-----	5	48.26	45.72	5.84	2.29	1.52
	-----	87911-3206	-----	-----	32	-----	6	40.64	38.10	5.84	2.29	1.52	-----	87911-3806	-----	-----	38	-----	6	48.26	45.72	5.84	2.29	1.52
	-----	87911-3207	-----	-----	32	-----	1	40.64	38.10	8.13	2.79	2.62	-----	87911-3807	-----	-----	38	-----	1	48.26	45.72	8.13	2.79	2.62
	-----	87911-3208	-----	-----	32	-----	2	40.64	38.10	8.13	2.79	2.62	-----	87911-3808	-----	-----	38	-----	2	48.26	45.72	8.13	2.79	2.62
	-----	87911-3209	-----	-----	32	-----	3	40.64	38.10	8.13	2.79	2.62	-----	87911-3809	-----	-----	38	-----	3	48.26	45.72	8.13	2.79	2.62
D	-----	87911-3401	-----	-----	34	-----	1	43.18	40.64	5.84	2.29	1.52	-----	87911-4001	-----	-----	40	-----	1	50.80	48.26	5.84	2.29	1.52
	-----	87911-3402	-----	-----	34	-----	2	43.18	40.64	5.84	2.29	1.52	-----	87911-4002	-----	-----	40	-----	2	50.80	48.26	5.84	2.29	1.52
	-----	87911-3403	-----	-----	34	-----	3	43.18	40.64	5.84	2.29	1.52	-----	87911-4003	-----	-----	40	-----	3	50.80	48.26	5.84	2.29	1.52
	-----	87911-3404	-----	-----	34	-----	4	43.18	40.64	5.84	2.29	1.52	-----	87911-4004	-----	-----	40	-----	4	50.80	48.26	5.84	2.29	1.52
	-----	87911-3405	-----	-----	34	-----	5	43.18	40.64	5.84	2.29	1.52	-----	87911-4005	-----	-----	40	-----	5	50.80	48.26	5.84	2.29	1.52
	-----	87911-3406	-----	-----	34	-----	6	43.18	40.64	5.84	2.29	1.52	-----	87911-4006	-----	-----	40	-----	6	50.80	48.26	5.84	2.29	1.52
	-----	87911-3407	-----	-----	34	-----	1	43.18	40.64	8.13	2.79	2.62	-----	87911-4007	-----	-----	40	-----	1	50.80	48.26	8.13	2.79	2.62
	-----	87911-3408	-----	-----	34	-----	2	43.18	40.64	8.13	2.79	2.62	-----	87911-4008	-----	-----	40	-----	2	50.80	48.26	8.13	2.79	2.62
	-----	87911-3409	-----	-----	34	-----	3	43.18	40.64	8.13	2.79	2.62	-----	87911-4009	-----	-----	40	-----	3	50.80	48.26	8.13	2.79	2.62
C	-----	87911-3601	-----	-----	36	-----	1	45.72	43.18	5.84	2.29	1.52	-----	87911-4201	-----	-----	42	-----	1	53.34	50.80	5.84	2.29	1.52
	-----	87911-3602	-----	-----	36	-----	2	45.72	43.18	5.84	2.29	1.52	-----	87911-4202	-----	-----	42	-----	2	53.34	50.80	5.84	2.29	1.52
	-----	87911-3603	-----	-----	36	-----	3	45.72	43.18	5.84	2.29	1.52	-----	87911-4203	-----	-----	42	-----	3	53.34	50.80	5.84	2.29	1.52
	-----	87911-3604	-----	-----	36	-----	4	45.72	43.18	5.84	2.29	1.52	-----	87911-4204	-----	-----	42	-----	4	53.34	50.80	5.84	2.29	1.52
	-----	87911-3605	-----	-----	36	-----	5	45.72	43.18	5.84	2.29	1.52	-----	87911-4205	-----	-----	42	-----	5	53.34	50.80	5.84	2.29	1.52
	-----	87911-3606	-----	-----	36	-----	6	45.72	43.18	5.84	2.29	1.52	-----	87911-4206	-----	-----	42	-----	6	53.34	50.80	5.84	2.29	1.52
	-----	87911-3607	-----	-----	36	-----	1	45.72	43.18	8.13	2.79	2.62	-----	87911-4207	-----	-----	42	-----	1	53.34	50.80	8.13	2.79	2.62
	-----	87911-3608	-----	-----	36	-----	2	45.72	43.18	8.13	2.79	2.62	-----	87911-4208	-----	-----	42	-----	2	53.34	50.80	8.13	2.79	2.62
	-----	87911-3609	-----	-----	36	-----	3	45.72	43.18	8.13	2.79	2.62	-----	87911-4209	-----	-----	42	-----	3	53.34	50.80	8.13	2.79	2.62
	87911-3614	-----	-----	-----	36	-----	5	45.72	43.18	2.60	5.13	1.77												
87911-3615	-----	-----	-----	36	-----	5	45.72	43.18	5.13	2.60	1.57													
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	-----	87911-5809		-----	-----	58	-----	3	73.66	71.12	8.13	2.79	2.61	-----	87911-6409		-----	-----	64	-----	3	81.28	78.74	8.13	2.79	2.61	-----	87911-6409		-----	-----	64	-----	3	81.28	78.74	8.13	2.79	2.61																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
C	-----	87911-6001		-----	-----	60	-----	1	76.20	73.66	5.84	2.29	1.52	-----	87911-6601		-----	-----	66	-----	1	83.82	81.28	5.84	2.29	1.52	-----	87911-6601		-----	-----	66	-----	1	83.82	81.28	5.84	2.29	1.52																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	-----	87911-6002		-----	-----	60	-----	2	76.20	73.66	5.84	2.29	1.52	-----	87911-6602		-----	-----	66	-----	2	83.82	81.28	5.84	2.29	1.52	-----	87911-6602		-----	-----	66	-----	2	83.82	81.28	5.84	2.29	1.52																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	-----	87911-6003		-----	-----	60	-----	3	76.20	73.66	5.84	2.29	1.52	-----	87911-6603		-----	-----	66	-----	3	83.82	81.28	5.84	2.29	1.52	-----	87911-6603		-----	-----	66	-----	3	83.82	81.28	5.84	2.29	1.52																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	-----	87911-6004		-----	-----	60	-----	4	76.20	73.66	5.84	2.29	1.52	-----	87911-6604		-----	-----	66	-----	4	83.82	81.28	5.84	2.29	1.52	-----	87911-6604		-----	-----	66	-----	4	83.82	81.28	5.84	2.29	1.52																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	-----	87911-6005		-----	-----	60	-----	5	76.20	73.66	5.84	2.29	1.52	-----	87911-6605		-----	-----	66	-----	5	83.82	81.28	5.84	2.29	1.52	-----	87911-6605		-----	-----	66	-----	5	83.82	81.28	5.84	2.29	1.52																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	-----	87911-6006		-----	-----	60	-----	6	76.20	73.66	5.84	2.29	1.52	-----	87911-6606		-----	-----	66	-----	6	83.82	81.28	5.84	2.29	1.52	-----	87911-6606		-----	-----	66	-----	6	83.82	81.28	5.84	2.29	1.52																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	-----	87911-6007		-----	-----	60	-----	1	76.20	73.66	8.13	2.79	2.61	-----	87911-6607		-----	-----	66	-----	1	83.82	81.28	8.13	2.79	2.61	-----	87911-6607		-----	-----	66	-----	1	83.82	81.28	8.13	2.79	2.61																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	-----	87911-6008		-----	-----	60	-----	2	76.20	73.66	8.13	2.79	2.61	-----	87911-6608		-----	-----	66	-----	2	83.82	81.28	8.13	2.79	2.61	-----	87911-6608		-----	-----	66	-----	2	83.82	81.28	8.13	2.79	2.61																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	-----	87911-6009		-----	-----	60	-----	3	76.20	73.66	8.13	2.79	2.61	-----	87911-6609		-----	-----	66	-----	3	83.82	81.28	8.13	2.79	2.61	-----	87911-6609		-----	-----	66	-----	3	83.82	81.28	8.13	2.79	2.61																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

9				8				7				6				5				4				3				2				1																											
PACKAGING OPTION PART NO.												CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION					PACKAGING OPTION PART NO.												CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION																								
TRAY	TUBE WITHOUT CAP		TUBE WITH CAP	TAPE & REEL	A	B	MATING END	SOLDER TAIL	E	TRAY	TUBE WITHOUT CAP				TUBE WITH CAP	TAPE & REEL	A	B	MATING END	SOLDER TAIL	E																																						
							M	P											M	P																																							
E	-----	87911-6801		-----	68	-----	1	86.36	83.82	5.84	2.29	1.52	-----	87911-7401		-----	74	-----	1	93.98	91.44	5.84	2.29	1.52																																			
	-----	87911-6802		-----	68	-----	2	86.36	83.82	5.84	2.29	1.52	-----	87911-7402		-----	74	-----	2	93.98	91.44	5.84	2.29	1.52																																			
	-----	87911-6803		-----	68	-----	3	86.36	83.82	5.84	2.29	1.52	-----	87911-7403		-----	74	-----	3	93.98	91.44	5.84	2.29	1.52																																			
	-----	87911-6804		-----	68	-----	4	86.36	83.82	5.84	2.29	1.52	-----	87911-7404		-----	74	-----	4	93.98	91.44	5.84	2.29	1.52																																			
	-----	87911-6805		-----	68	-----	5	86.36	83.82	5.84	2.29	1.52	-----	87911-7405		-----	74	-----	5	93.98	91.44	5.84	2.29	1.52																																			
	-----	87911-6806		-----	68	-----	6	86.36	83.82	5.84	2.29	1.52	-----	87911-7406		-----	74	-----	6	93.98	91.44	5.84	2.29	1.52																																			
	-----	87911-6807		-----	68	-----	1	86.36	83.82	8.13	2.79	2.61	-----	87911-7407		-----	74	-----	1	93.98	91.44	8.13	2.79	2.61																																			
	-----	87911-6808		-----	68	-----	2	86.36	83.82	8.13	2.79	2.61	-----	87911-7408		-----	74	-----	2	93.98	91.44	8.13	2.79	2.61																																			
	-----	87911-6809		-----	68	-----	3	86.36	83.82	8.13	2.79	2.61	-----	87911-7409		-----	74	-----	3	93.98	91.44	8.13	2.79	2.61																																			
D	-----	87911-7001		-----	70	-----	1	88.90	86.36	5.84	2.29	1.52	-----	87911-7601		-----	76	-----	1	96.52	93.98	5.84	2.29	1.52																																			
	-----	87911-7002		-----	70	-----	2	88.90	86.36	5.84	2.29	1.52	-----	87911-7602		-----	76	-----	2	96.52	93.98	5.84	2.29	1.52																																			
	-----	87911-7003		-----	70	-----	3	88.90	86.36	5.84	2.29	1.52	-----	87911-7603		-----	76	-----	3	96.52	93.98	5.84	2.29	1.52																																			
	-----	87911-7004		-----	70	-----	4	88.90	86.36	5.84	2.29	1.52	-----	87911-7604		-----	76	-----	4	96.52	93.98	5.84	2.29	1.52																																			
	-----	87911-7005		-----	70	-----	5	88.90	86.36	5.84	2.29	1.52	-----	87911-7605		-----	76	-----	5	96.52	93.98	5.84	2.29	1.52																																			
	-----	87911-7006		-----	70	-----	6	88.90	86.36	5.84	2.29	1.52	-----	87911-7606		-----	76	-----	6	96.52	93.98	5.84	2.29	1.52																																			
	-----	87911-7007		-----	70	-----	1	88.90	86.36	8.13	2.79	2.61	-----	87911-7607		-----	76	-----	1	96.52	93.98	8.13	2.79	2.61																																			
	-----	87911-7008		-----	70	-----	2	88.90	86.36	8.13	2.79	2.61	-----	87911-7608		-----	76	-----	2	96.52	93.98	8.13	2.79	2.61																																			
	-----	87911-7009		-----	70	-----	3	88.90	86.36	8.13	2.79	2.61	-----	87911-7609		-----	76	-----	3	96.52	93.98	8.13	2.79	2.61																																			
C	-----	87911-7201		-----	72	-----	1	91.44	88.90	5.84	2.29	1.52	-----	87911-7801		-----	78	-----	1	99.06	96.52	5.84	2.29	1.52																																			
	-----	87911-7202		-----	72	-----	2	91.44	88.90	5.84	2.29	1.52	-----	87911-7802		-----	78	-----	2	99.06	96.52	5.84	2.29	1.52																																			
	-----	87911-7203		-----	72	-----	3	91.44	88.90	5.84	2.29	1.52	-----	87911-7803		-----	78	-----	3	99.06	96.52	5.84	2.29	1.52																																			
	-----	87911-7204		-----	72	-----	4	91.44	88.90	5.84	2.29	1.52	-----	87911-7804		-----	78	-----	4	99.06	96.52	5.84	2.29	1.52																																			
	-----	87911-7205		-----	72	-----	5	91.44	88.90	5.84	2.29	1.52	-----	87911-7805		-----	78	-----	5	99.06	96.52	5.84	2.29	1.52																																			
	-----	87911-7206		-----	72	-----	6	91.44	88.90	5.84	2.29	1.52	-----	87911-7806		-----	78	-----	6	99.06	96.52	5.84	2.29	1.52																																			
	-----	87911-7207		-----	72	-----	1	91.44	88.90	8.13	2.79	2.61	-----	87911-7807		-----	78	-----	1	99.06	96.52	8.13	2.79	2.61																																			
	-----	87911-7208		-----	72	-----	2	91.44	88.90	8.13	2.79	2.61	-----	87911-7808		-----	78	-----	2	99.06	96.52	8.13	2.79	2.61																																			
	-----	87911-7209		-----	72	-----	3	91.44	88.90	8.13	2.79	2.61	-----	87911-7809		-----	78	-----	3	99.06	96.52	8.13	2.79	2.61																																			

PACKAGING OPTION PART NO.				CKT SIZE	VOID POSITION	PLATING TYPE	DIMENSION				
TRAY	TUBE WITHOUT CAP	TUBE WITH CAP	TAPE & REEL				A	B	MATING END	SOLDER TAIL	E
									M	P	
-----	87911-8001	-----	-----	80	-----	1	101.60	99.06	5.84	2.29	1.52
-----	87911-8002	-----	-----	80	-----	2	101.60	99.06	5.84	2.29	1.52
-----	87911-8003	-----	-----	80	-----	3	101.60	99.06	5.84	2.29	1.52
-----	87911-8004	-----	-----	80	-----	4	101.60	99.06	5.84	2.29	1.52
-----	87911-8005	-----	-----	80	-----	5	101.60	99.06	5.84	2.29	1.52
-----	87911-8006	-----	-----	80	-----	6	101.60	99.06	5.84	2.29	1.52
-----	87911-8007	-----	-----	80	-----	1	101.60	99.06	8.13	2.79	2.61
-----	87911-8008	-----	-----	80	-----	2	101.60	99.06	8.13	2.79	2.61
-----	87911-8009	-----	-----	80	-----	3	101.60	99.06	8.13	2.79	2.61

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

87911

CURRENT REV DESC:

EC NO: 635905

DRWN: ABABUPS

CHK'D: MRAMAKRISHNA

APPR: MRAMAKRISHNA

2020/04/14

2020/04/15

2020/04/15

2020/04/15

INITIAL REVISION:

DRWN: KSEE

APPR: SCLOW

2004/11/30

2004/12/16

DOCUMENT NUMBER

SD-87911-015

DOC TYPE

PSD

DOC PART

001

REVISION

C1

PRODUCT CUSTOMER DRAWING

CUSTOM HEADER

2.54MM DUAL ROW HEADER SINGLE WAFER, R/A

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

9 OF 9

DOCUMENT STATUS

P1

RELEASE DATE

2020/04/15

10:33:16

9

8

7

6

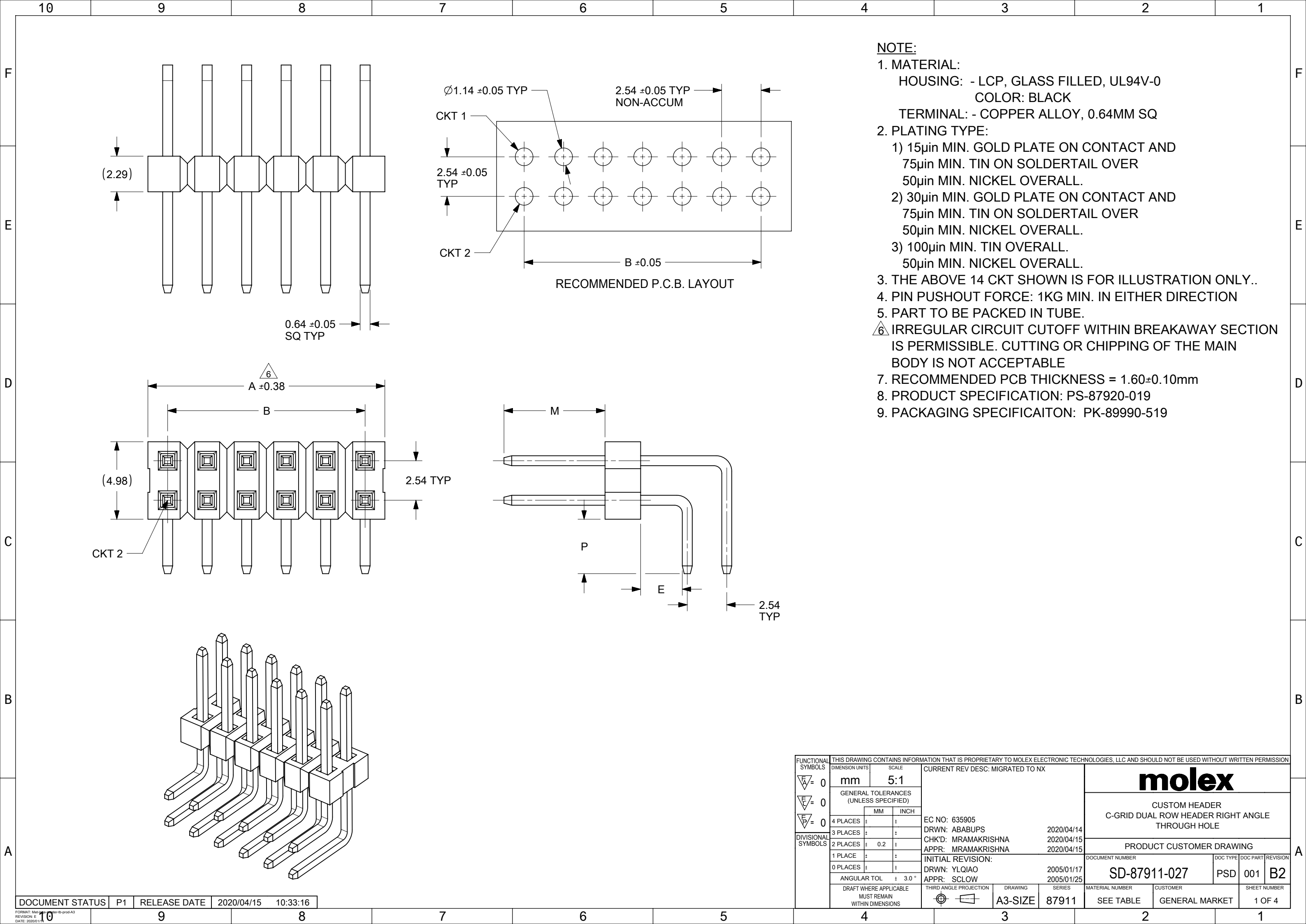
5

4

3

2

1



NOTE:

1. MATERIAL:

HOUSING: - LCP, GLASS FILLED, UL94V-0
COLOR: BLACK

TERMINAL: - COPPER ALLOY, 0.64MM SQ

2. PLATING TYPE:

- 1) 15µin MIN. GOLD PLATE ON CONTACT AND
75µin MIN. TIN ON SOLDERTAIL OVER
50µin MIN. NICKEL OVERALL.
- 2) 30µin MIN. GOLD PLATE ON CONTACT AND
75µin MIN. TIN ON SOLDERTAIL OVER
50µin MIN. NICKEL OVERALL.
- 3) 100µin MIN. TIN OVERALL.
50µin MIN. NICKEL OVERALL.

3. THE ABOVE 14 CKT SHOWN IS FOR ILLUSTRATION ONLY..

4. PIN PUSHOUT FORCE: 1KG MIN. IN EITHER DIRECTION

5. PART TO BE PACKED IN TUBE.

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

7. RECOMMENDED PCB THICKNESS = 1.60±0.10mm

8. PRODUCT SPECIFICATION: PS-87920-019

9. PACKAGING SPECIFICAITON: PK-89990-519

FUNCTIONAL SYMBOLS	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: MIGRATED TO NX			molex							
F A = 0	mm		5:1												
DIVISIONAL SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 635905 DRWN: ABABUPS CHK'D: MRAMAKRISHNA APPR: MRAMAKRISHNA			CUSTOM HEADER C-GRID DUAL ROW HEADER RIGHT ANGLE THROUGH HOLE							
												MM	INCH		
DIVISIONAL SYMBOLS	4 PLACES		±	±	2020/04/14			PRODUCT CUSTOMER DRAWING							
	3 PLACES		±	±											
	2 PLACES		±	0.2	±	2020/04/15									
	1 PLACE		±	±											
	0 PLACES		±	±	2020/04/15										
ANGULAR TOL		±	3.0 °	INITIAL REVISION: DRWN: YLQIAO APPR: SCLOW											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION					DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART
				A3-SIZE		87911		SD-87911-027		PSD		001		B2	
								SEE TABLE		GENERAL MARKET				1 OF 4	

DOCUMENT STATUS	P1	RELEASE DATE	2020/04/15	10:33:16
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FORMAT: Molex Header B-prod-A3
REVISION: E
DATE: 2020/01/15

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