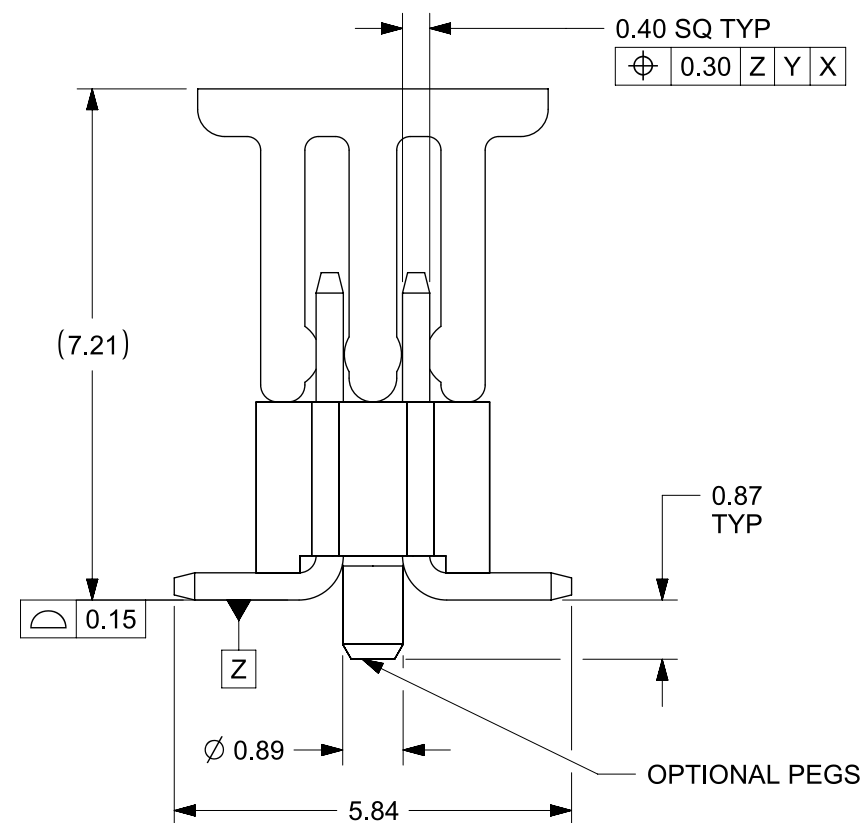
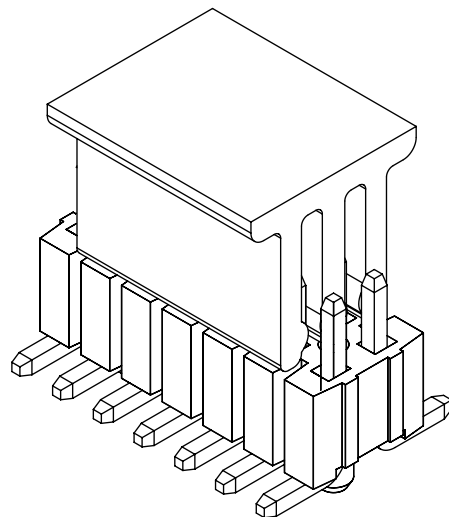
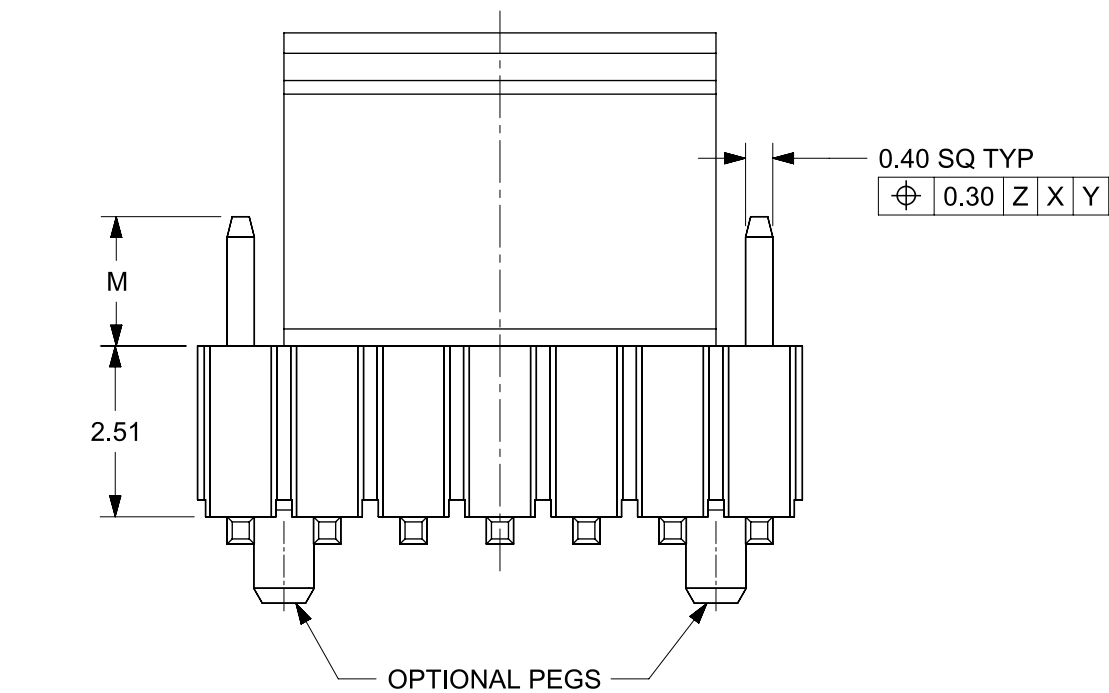
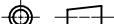
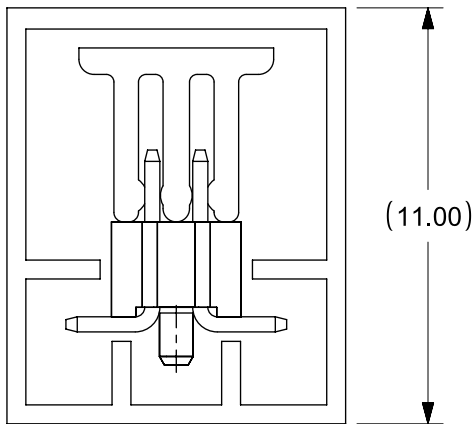


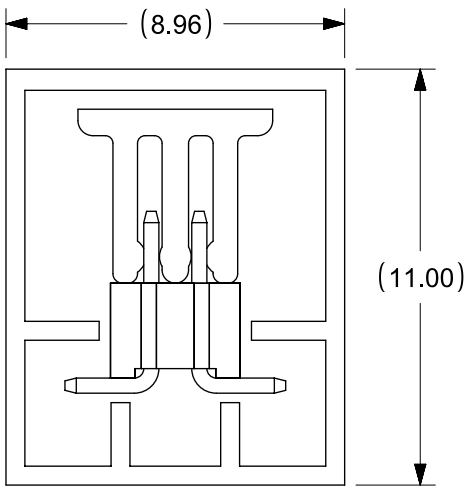


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS mm		SCALE NTS		CURRENT REV DESC: EC NO: 724477 DRWN: ABABUPS 2021/10/11 CHK'D: DANUSA 2022/10/12 APPR: MRAMAKRISHNA 2022/10/12 INITIAL REVISION: DRWN: SCHEONG 2016/09/14 APPR: SCHEONG 2016/11/10			molex 1.27MM PITCH SMT HEADER WITH CAP PACKED IN TUBE		
GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± 3.0°							
4 PLACES ±					PRODUCT CUSTOMER DRAWING				
3 PLACES ±					DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
2 PLACES ± 0.2					SD-87933-0001		PSD	000	C4
1 PLACE ±									
0 PLACES ±									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 		DRAWING A3-SIZE	SERIES 87933	MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET	SHEET NUMBER 1 OF 6

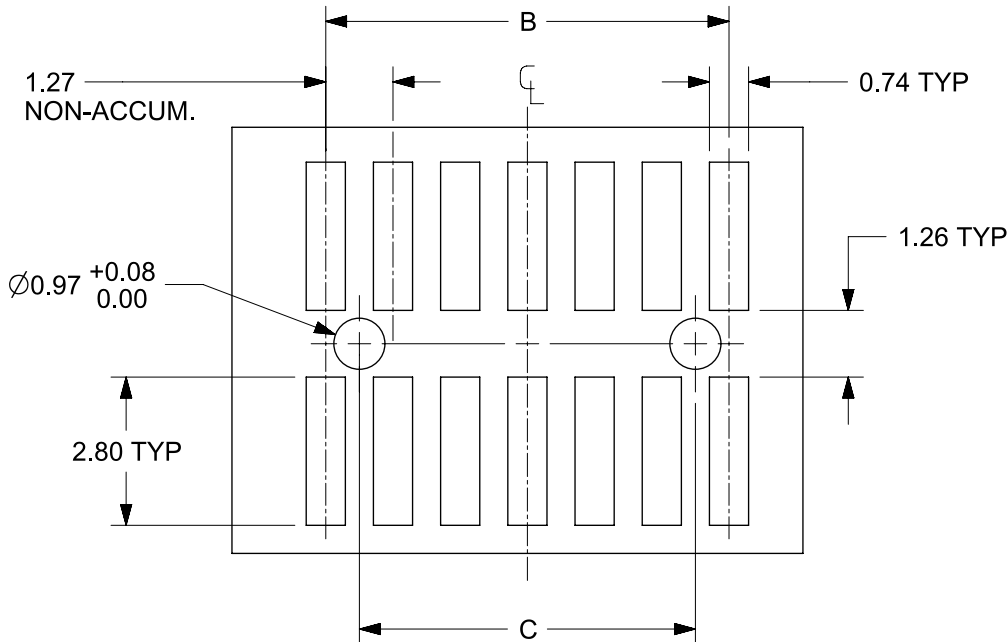
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CKT SIZE	DIM A	DIM B	DIM C						
4	2.54	1.27	-						
6	3.81	2.54	-						
8	5.08	3.81	-						
10	6.35	5.08	3.81						
12	7.62	6.35	-						
14	8.89	7.62	-						
16	10.16	8.89	-						
18	11.43	10.16	-						
20	12.70	11.43	10.16						
22	13.97	12.70	-						
24	15.24	13.97	-						



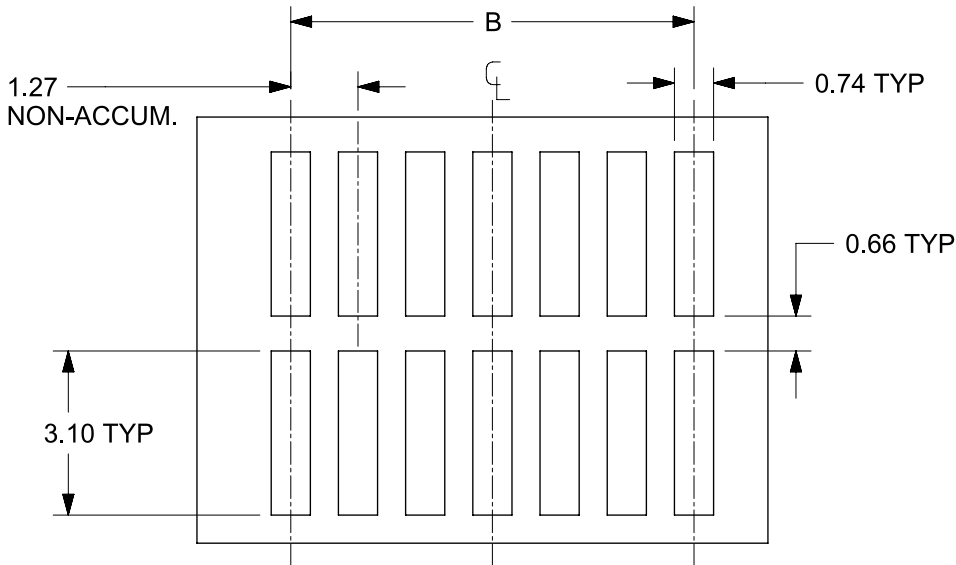
PART WITH PEG & CAP
PACKED IN TUBE



PART WITHOUT PEG &
WITH CAP PACKED IN TUBE



RECOMMENDED PCB LAYOUT
(PARTS WITH PEGS)
MANUFACTURING TOLERANCE ±0.05



RECOMMENDED PCB LAYOUT
(IMPROVED FOR WITHOUT PEGS OPTION)
MANUFACTURING TOLERANCE ±0.05

- NOTE:
1. MATERIAL: HOUSING: LCP GLASS FILLED, COLOR: BLACK
TERMINAL: COPPER ALLOY
 2. PIN PUSHOUT FORCE: 0.4KG MIN. IN EITHER DIRECTION.
 3. PLATING FINISH:
 - 1 - 2 MICRO INCH MIN. GOLD FLASH OVERALL, 50 MICRO INCH MIN. NICKEL UNDERPLATED
 - 2 - 100 MICRO INCH MIN. TIN OVERALL, 50 MICRO INCH MIN. NICKEL UNDERPLATED
 - 3 - 30 MICRO INCH MIN. GOLD PLATE IN SELECTED AREA AND 80 MICRO INCH MIN. TIN IN SELECTED AREA OVER, 50 MICRO INCH MIN. NICKEL UNDERPLATED
 - 4 - 15 MICRO INCH MIN. GOLD PLATE IN SELECTED AREA AND 80 MICRO INCH MIN. TIN IN SELECTED AREA OVER, 50 MICRO INCH MIN. NICKEL UNDERPLATED
 - 5 - 2 MICRO INCH MIN. GOLD FLASH IN SELECTED AREA AND 100 MICRO INCH MIN. TIN IN SELECTED AREA OVER, 50 MICRO INCH MIN. NICKEL UNDERPLATED
 4. THE ABOVE 14 CKT SHOWN IS FOR ILLUSTRATION ONLY.
 5. PARTS TO BE PACKED IN TUBE EXCEPT FOR 4 CKTS.
 6. POSITION OF CAP TO BE LOCATED AS SHOWN.
 7. IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE.
 8. PACKAGING SPECIFICATION REFER TO
TUBE : PK-89990-565
TAPE & REEL : PK-87933-300
 9. PRODUCT SPECIFICATION: 879330001_PS
 10. MATED SERIES: 78120 EXCEPT FOR FULL TIN PLATING FINISH
 11. PARTS CONFORMS TO CLASS "B" REQUIREMENT TO COSMETIC SPECIFICATION PS-45499-002

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: 724477 DRWN: ABABUPS 2021/10/11 CHK'D: DANUSA 2022/10/12 APPR: MRAMAKRISHNA 2022/10/12											
ANGULAR TOL ± 3.0 °															
4 PLACES		±													
3 PLACES		±													
2 PLACES		± 0.2													
1 PLACE		±		INITIAL REVISION: DRWN: SCHEONG 2016/09/14 APPR: SCHEONG 2016/11/10				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
0 PLACES		±						SD-87933-0001		PSD	000	C4			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		87933		SEE TABLE		GENERAL MARKET		2 OF 6	

10		9		8		7		6		5		4		3		2		1			
P/N WITH CAP PACKED IN T&R		TOOLED	NOT TOOLED	P/N WITH CAP PACKED IN TUBE		PEG	CKT SIZE	PLATING OPTIONS	DIM. M	P/N WITH CAP PACKED IN T&R		TOOLED	NOT TOOLED	P/N WITH CAP PACKED IN TUBE		P/N WITHOUT CAP PACKED IN T&R		PEG	CKT SIZE	PLATING OPTIONS	DIM. M
87933-0422			X	-		N	04	1	1.65	87933-0828			X	87933-0818		-		N	08	4	3.05
87933-0438			X	-		N	04	2	1.65	87933-0824		X		87933-0823		-		N	08	5	3.05
87933-0439			X	-		N	04	3	1.65	87933-1022		X		87933-1007		-		N	10	1	1.65
87933-0440			X	-		N	04	4	1.65	87933-1038		X		87933-1008		-		N	10	2	1.65
87933-0446			X	-		N	04	5	1.65	87933-1039		X		87933-1009		-		N	10	3	1.65
87933-0441			X	-		N	04	1	1.91	87933-1040		X		87933-1010		-		N	10	4	1.65
87933-0442			X	-		N	04	2	1.91	87933-1046		X		87933-1045		-		N	10	5	1.65
87933-0443			X	-		N	04	3	1.91	87933-1041		X		87933-1011		-		N	10	1	1.91
87933-0444			X	-		N	04	4	1.91	87933-1042		X		87933-1012		-		N	10	2	1.91
87933-0448			X	-		N	04	5	1.91	87933-1043		X		87933-1013		-		N	10	3	1.91
87933-0425			X	-		N	04	1	3.05	87933-1044		X		87933-1014		-		N	10	4	1.91
87933-0426			X	-		N	04	2	3.05	87933-1048		X		87933-1047		-		N	10	5	1.91
87933-0427			X	-		N	04	3	3.05	87933-1025		X		87933-1015		-		N	10	1	3.05
87933-0428			X	-		N	04	4	3.05	87933-1026		X		87933-1016		-		N	10	2	3.05
87933-0424			X	-		N	04	5	3.05	87933-1021		X		87933-1017		-		N	10	3	3.05
87933-0622		X		87933-0607		N	06	1	1.65	87933-1028		X		87933-1018		C4 87933-1048		N	10	4	3.05
87933-0638		X		87933-0608		N	06	2	1.65	87933-1024		X		87933-1023		-		N	10	5	3.05
87933-0639		X		87933-0609		N	06	3	1.65	87933-1237			X	87933-1252		-		N	12	1	1.65
87933-0640		X		87933-0610		N	06	4	1.65	87933-1238			X	87933-1258		-		N	12	2	1.65
87933-0646		X		87933-0645		N	06	5	1.65	87933-1239			X	87933-1259		-		N	12	3	1.65
87933-0641		X		87933-0611		N	06	1	1.91	87933-1240			X	87933-1260		-		N	12	4	1.65
87933-0642		X		87933-0612		N	06	2	1.91	87933-1246			X	87933-1245		-		N	12	5	1.65
87933-0643		X		87933-0613		N	06	3	1.91	87933-1241			X	87933-1261		-		N	12	1	1.91
87933-0644		X		87933-0614		N	06	4	1.91	87933-1242			X	87933-1262		-		N	12	2	1.91
87933-0648		X		87933-0647		N	06	5	1.91	87933-1243			X	87933-1263		-		N	12	3	1.91
87933-0625		X		87933-0615		N	06	1	3.05	87933-1244			X	87933-1264		-		N	12	4	1.91
87933-0626		X		87933-0616		N	06	2	3.05	87933-1248			X	87933-1247		-		N	12	5	1.91
87933-0627		X		87933-0617		N	06	3	3.05	87933-1225			X	87933-1219		-		N	12	1	3.05
87933-0628		X		87933-0618		N	06	4	3.05	87933-1229			X	87933-1220		-		N	12	2	3.05
87933-0624		X		87933-0623		N	06	5	3.05	87933-1227			X	87933-1221		-		N	12	3	3.05
87933-0822			X	87933-0807		N	08	1	1.65	87933-1232			X	87933-1222		-		N	12	4	3.05
87933-0838			X	87933-0808		N	08	2	1.65	87933-1224			X	87933-1223		-		N	12	5	3.05
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87933-0840			X	87933-0810		N	08	4	1.65												
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87933-0843			X	87933-0813		N	08	3	1.91												
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87933-0848			X	87933-0847		N	08	5	1.91												
87933-0825			X	87933-0815		N	08	1	3.05												
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87933-0827			X	87933-0817		N	08	3	3.05												
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REVISION: J																					
DATE: 2020/11/14																					

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F	P/N WITH CAP PACKED IN T&R		TOOLED	NOT TOOLED	P/N WITH CAP PACKED IN TUBE		PEG	CKT SIZE	PLATING OPTIONS	DIM. M			P/N WITH CAP PACKED IN T&R		TOOLED	NOT TOOLED	P/N WITH CAP PACKED IN TUBE		PEG	CKT SIZE	PLATING OPTIONS	DIM. M
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	87933-1438			X	87933-1408		N	14	2	1.65			87933-1824		X		87933-1823		N	18	5	3.05
	87933-1439			X	87933-1409		N	14	3	1.65			87933-2037		X		87933-2007		N	20	1	1.65
	87933-1440			X	87933-1410		N	14	4	1.65			87933-2038		X		87933-2008		N	20	2	1.65
	87933-1446			X	87933-1445		N	14	5	1.65			87933-2039		X		87933-2009		N	20	3	1.65
E	87933-1441			X	87933-1411		N	14	1	1.91			87933-2040		X		87933-2010		N	20	4	1.65
	87933-1442			X	87933-1412		N	14	2	1.91			87933-2046		X		87933-2045		N	20	5	1.65
	87933-1443			X	87933-1413		N	14	3	1.91			87933-2041		X		87933-2011		N	20	1	1.91
	87933-1444			X	87933-1414		N	14	4	1.91			87933-2042		X		87933-2012		N	20	2	1.91
	87933-1448			X	87933-1447		N	14	5	1.91			87933-2043		X		87933-2013		N	20	3	1.91
	87933-1425			X	87933-1415		N	14	1	3.05			87933-2044		X		87933-2014		N	20	4	1.91
D	87933-1426			X	87933-1416		N	14	2	3.05			87933-2048		X		87933-2047		N	20	5	1.91
	87933-1427			X	87933-1417		N	14	3	3.05			87933-2025		X		87933-2015		N	20	1	3.05
	87933-1428			X	87933-1418		N	14	4	3.05			87933-2026		X		87933-2016		N	20	2	3.05
	87933-1424			X	87933-1423		N	14	5	3.05			87933-2027		X		87933-2017		N	20	3	3.05
	87933-1622			X	87933-1607		N	16	1	1.65			87933-2021		X		87933-2018		N	20	4	3.05
	87933-1638			X	87933-1608		N	16	2	1.65			87933-2024		X		87933-2023		N	20	5	3.05
C	87933-1639			X	87933-1609		N	16	3	1.65			87933-2237			X	87933-2207		N	22	1	1.65
	87933-1640			X	87933-1610		N	16	4	1.65			87933-2238			X	87933-2208		N	22	2	1.65
	87933-1646			X	87933-1645		N	16	5	1.65			87933-2239			X	87933-2209		N	22	3	1.65
	87933-1641			X	87933-1611		N	16	1	1.91			87933-2240			X	87933-2210		N	22	4	1.65
	87933-1642			X	87933-1612		N	16	2	1.91			87933-2246			X	87933-2245		N	22	5	1.65
	87933-1643			X	87933-1613		N	16	3	1.91			87933-2241			X	87933-2211		N	22	1	1.91
B	87933-1644			X	87933-1614		N	16	4	1.91			87933-2242			X	87933-2212		N	22	2	1.91
	87933-1648			X	87933-1647		N	16	5	1.91			87933-2243			X	87933-2213		N	22	3	1.91
	87933-1625			X	87933-1615		N	16	1	3.05			87933-2244			X	87933-2214		N	22	4	1.91
	87933-1626			X	87933-1616		N	16	2	3.05			87933-2248			X	87933-2247		N	22	5	1.91
	87933-1627			X	87933-1617		N	16	3	3.05			87933-2225			X	87933-2215		N	22	1	3.05
	87933-1628			X	87933-1618		N	16	4	3.05			87933-2226			X	87933-2216		N	22	2	3.05
A	87933-1624			X	87933-1623		N	16	5	3.05			87933-2227			X	87933-2217		N	22	3	3.05
	87933-1822			X	87933-1807		N	18	1	1.65			87933-2228			X	87933-2218		N	22	4	3.05
	87933-1838			X	87933-1808		N	18	2	1.65			87933-2224			X	87933-2223		N	22	5	3.05
	87933-1839			X	87933-1809		N	18	3	1.65												
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87933-1844			X	87933-1814		N	18	4	1.91													
87933-1848			X	87933-1847		N	18	5	1.91													
87933-1825			X	87933-1815		N	18	1	3.05													
87933-1826			X	87933-1816		N	18	2	3.05													
87933-1827			X	87933-1817		N	18	3	3.05													
DOCUMENT STATUS		P1	RELEASE DATE	2022/10/12	10:59:55																	
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DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES
(UNLESS SPECIFIED)

ANGULAR TOL ± 3.0 °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.2

1 PLACE ±

0 PLACES ±

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

87933

EC NO: 724477

DRWN: ABABUPS

CHK'D: DANUSA

APPR: MRAMAKRISHNA

2021/10/11

2022/10/12

2022/10/12

INITIAL REVISION:

DRWN: SCHEONG

APPR: SCHEONG

2016/09/14

2016/11/10

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-87933-0001

DOC TYPE

PSD

DOC PART

000

REVISION

C4

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

4 OF 6

mo

lex

1.27MM PITCH SMT HEADER
WITH CAP PACKED IN TUBE

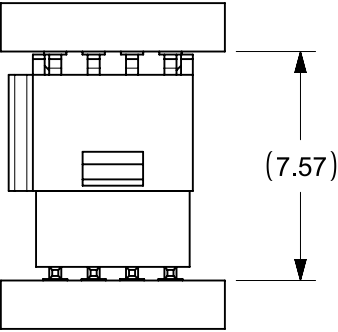
F	10		9		8		7		6		5		4		3		2		1			
	P/N WITH CAP PACKED IN T&R		TOOLED		NOT TOOLED		P/N WITH CAP PACKED IN TUBE		PEG		CKT SIZE		PLATING OPTIONS		DIM. M							
	87933-2437				X		87933-2407		N		24		1		1.65							
	87933-2438				X		87933-2408		N		24		2		1.65							
	87933-2439				X		87933-2409		N		24		3		1.65							
	87933-2440				X		87933-2410		N		24		4		1.65							
	87933-2446				X		87933-2445		N		24		5		1.65							
	87933-2441				X		87933-2411		N		24		1		1.91							
	87933-2442				X		87933-2412		N		22		2		1.91							
	87933-2443				X		87933-2413		N		24		3		1.91							
E	87933-2444				X		87933-2414		N		24		4		1.91							
	87933-2448				X		87933-2447		N		24		5		1.91							
	87933-2425				X		87933-2415		N		24		1		3.05							
	87933-2426				X		87933-2416		N		24		2		3.05							
	87933-2427				X		87933-2417		N		24		3		3.05							
	87933-2428				X		87933-2418		N		24		4		3.05							
	87933-2424				X		87933-2423		N		24		5		3.05							
D																						
C																						
B																						
A																						

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
DIMENSION UNITS		SCALE		CURRENT REV DESC:						molex				
mm		NTS												
GENERAL TOLERANCES (UNLESS SPECIFIED)														
ANGULAR TOL		± 3.0 °												
4 PLACES		±		EC NO: 724477 DRWN: ABABUPS 2021/10/11 CHK'D: DANUSA 2022/10/12 APPR: MRAMAKRISHNA 2022/10/12						PRODUCT CUSTOMER DRAWING				
3 PLACES		±												
2 PLACES		± 0.2												
1 PLACE		±		INITIAL REVISION: DRWN: SCHEONG 2016/09/14 APPR: SCHEONG 2016/11/10						DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
0 PLACES		±								SD-87933-0001		PSD	000	C4
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		87933	SEE TABLE		GENERAL MARKET		5 OF 6	

DOCUMENT STATUS		P1	RELEASE DATE		2022/10/12 10:59:55												
9		8		7		6		5		4		3		2		1	

FORMAT: master-b-prod-A3
REVISION: J
DATE: 2020/01/14

BOARD TO BOARD (BTB) DISTANCE

HEADER	MATES WITH (RECEPTACLE)	BTB DIST.	PICTORIAL VIEW
87933	78120	7.57	

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 1.27MM PITCH SMT HEADER WITH CAP PACKED IN TUBE			
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL		± 3.0 °									
4 PLACES		±		EC NO: 724477				PRODUCT CUSTOMER DRAWING			
3 PLACES		±		DRWN: ABABUPS 2021/10/11							
2 PLACES		± 0.2		CHK'D: DANUSA 2022/10/12							
1 PLACE		±		APPR: MRAMAKRISHNA 2022/10/12							
0 PLACES		±		INITIAL REVISION:				DOCUMENT NUMBER			
				DRWN: SCHEONG 2016/09/14				SD-87933-0001			
				APPR: SCHEONG 2016/11/10				PSD 000 C4			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	
				A3-SIZE		87933		SEE TABLE		GENERAL MARKET	
										SHEET NUMBER	
										6 OF 6	