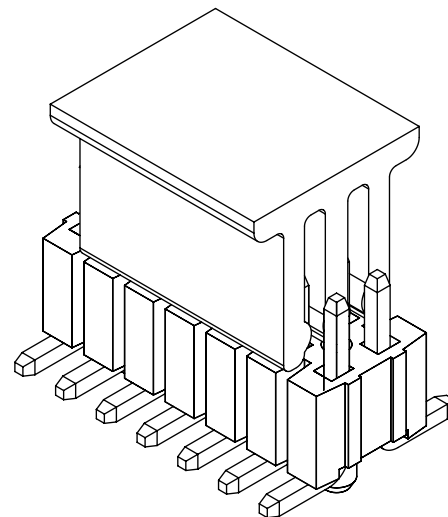
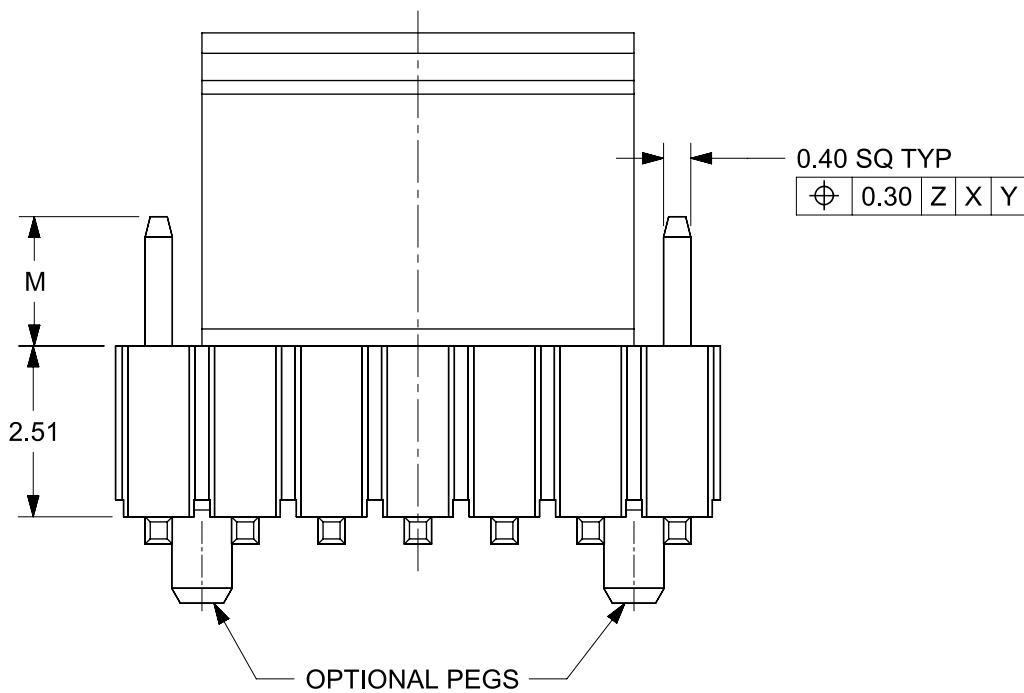
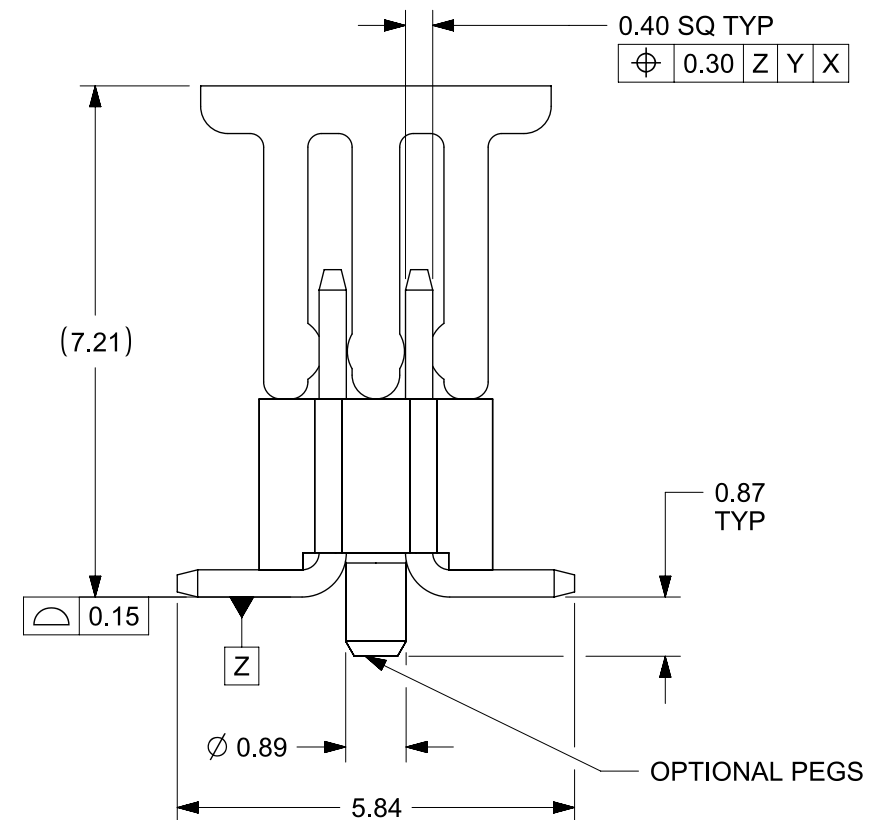
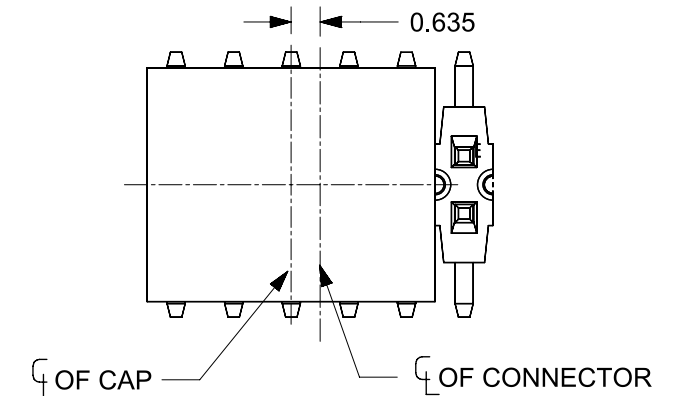
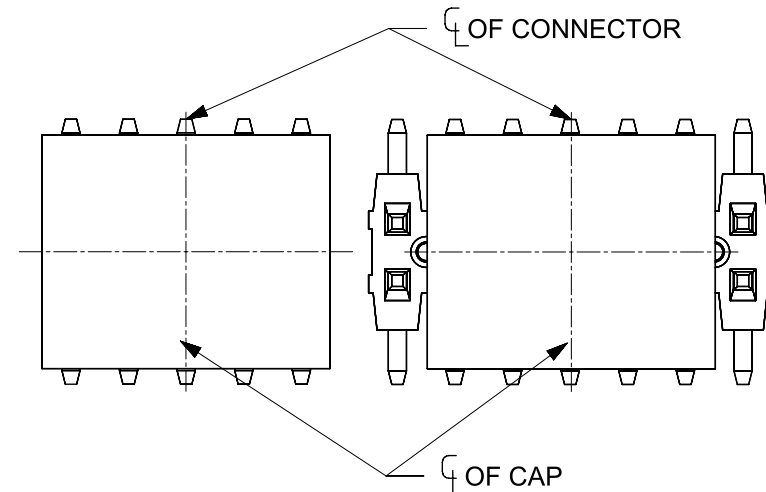


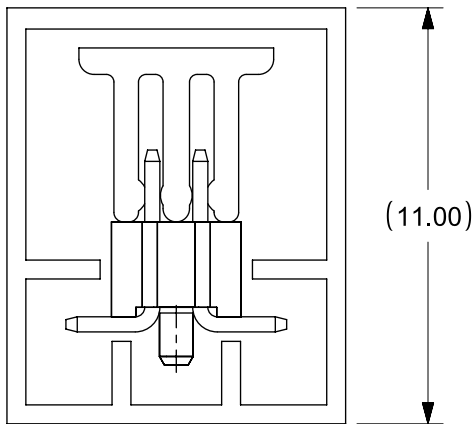


FOR 12, 16, 20, 24, 28, 32, 36, 40, 44, 48, 52,
56, 60, 64, 68, 72, 76, 80, 84, 86, 92, 96, 100

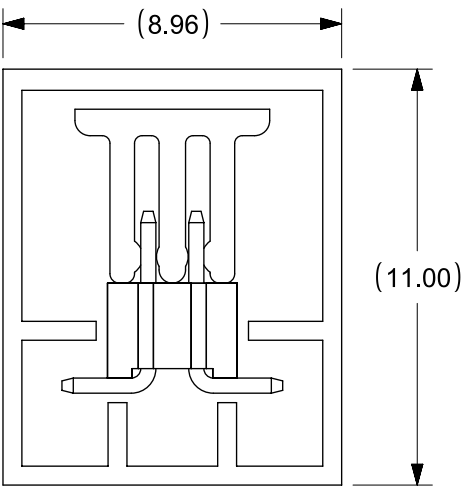


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex											
mm		NTS																	
GENERAL TOLERANCES (UNLESS SPECIFIED)								1.27MM PITCH SMT HEADER WITH CAP PACKED IN TUBE											
ANGULAR TOL ± 3.0°																			
4 PLACES		±		EC NO: 743277				PRODUCT CUSTOMER DRAWING											
3 PLACES		±		DRWN: DANUSA 2022/11/18															
2 PLACES		± 0.2		CHK'D: SUAIFR 2023/03/22				DOCUMENT NUMBER SD-87933-0001											
1 PLACE		±		APPR: MRAMAKRISHNA 2023/03/23										DOC TYPE		DOC PART		REVISION	
0 PLACES		±		INITIAL REVISION:										SD-87933-0001		PSD		000 C5	
DRWN: SCHEONG 2016/09/14				2016/11/10				MATERIAL NUMBER		CUSTOMER				SHEET NUMBER					
APPR: SCHEONG								SEE TABLE		GENERAL MARKET				1 OF 6					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES											
						A3-SIZE		87933											

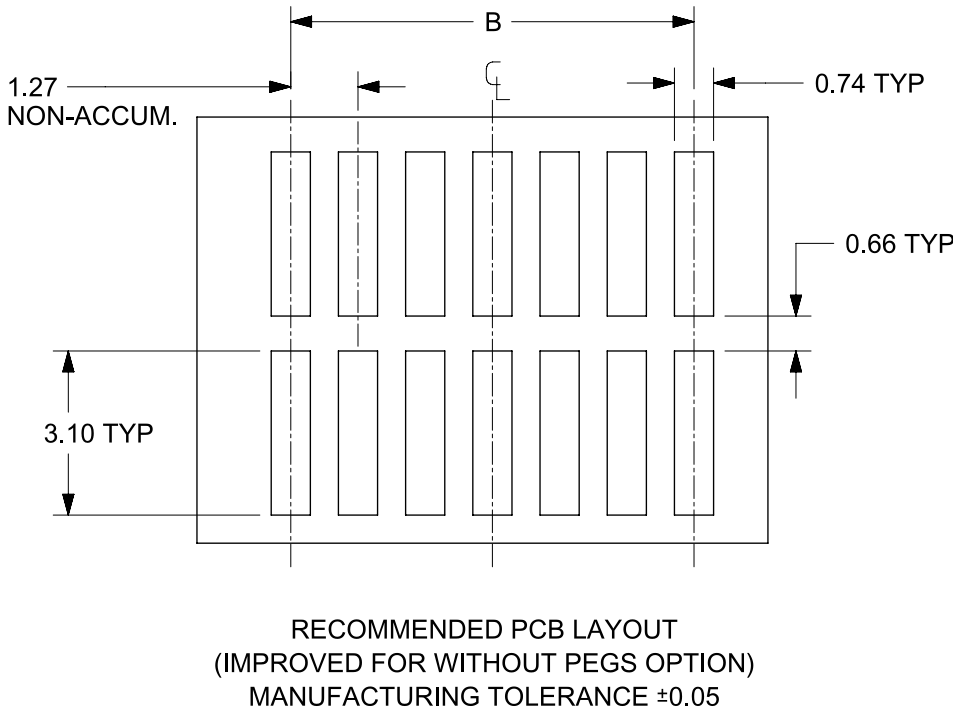
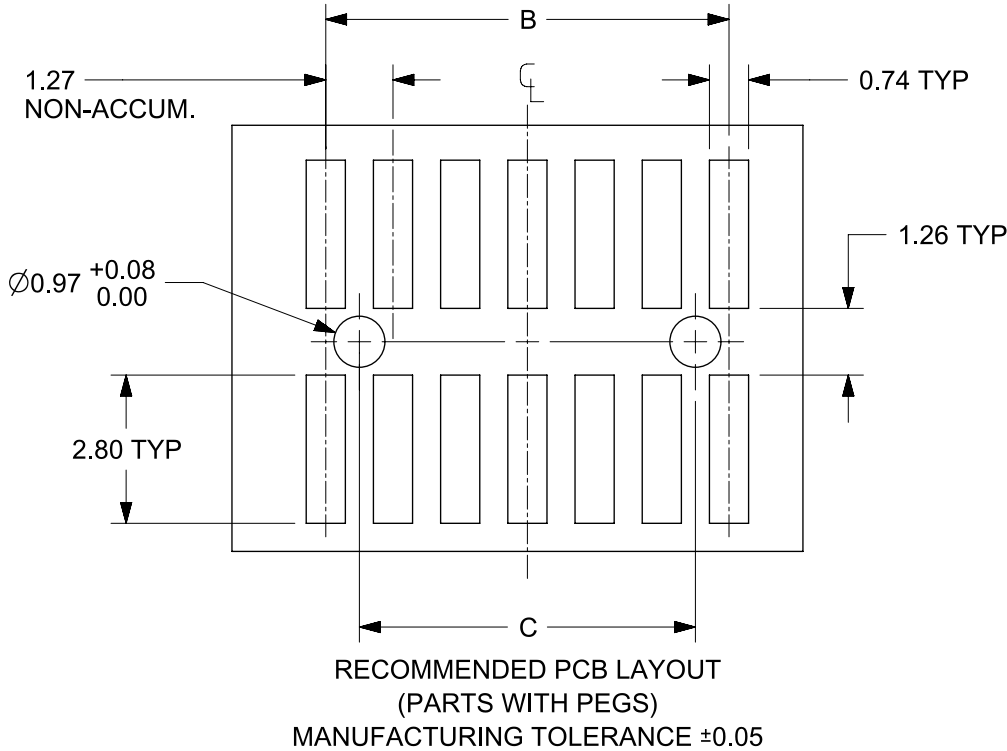
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CKT SIZE	DIM A	DIM B	DIM C						
4	2.54	1.27	-						
6	3.81	2.54	-						
8	5.08	3.81	-						
10	6.35	5.08	3.81						
12	7.62	6.35	-						
14	8.89	7.62	-						
16	10.16	8.89	-						
18	11.43	10.16	-						
20	12.70	11.43	10.16						
22	13.97	12.70	-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



PART WITH PEG & CAP
PACKED IN TUBE



PART WITHOUT PEG &
WITH CAP PACKED IN TUBE



- 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: 743277 DRWN: DANUSA 2022/11/18 CHK'D: SUAIFR 2023/03/22 APPR: MRAMAKRISHNA 2023/03/23					
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	
						A3-SIZE		87933	
DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION	
SD-87933-0001				PSD		000		C5	
MATERIAL NUMBER				CUSTOMER				SHEET NUMBER	
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				
F	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				
E	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				
D	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	C5 87933-1058	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				
C	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				
B	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				
A	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				
	87933-0839		X	87933-0809	N	08	3	1.65															
	87933-0840		X	87933-0810	N	08	4	1.65															
	87933-0846		X	87933-0845	N	08	5	1.65															
	87933-0841		X	87933-0811	N	08	1	1.91															
	87933-0842		X	87933-0812	N	08	2	1.91															
	87933-0843		X	87933-0813	N	08	3	1.91															
	87933-0844		X	87933-0814	N	08	4	1.91															
	87933-0848		X	87933-0847	N	08	5	1.91															
	87933-0825		X	87933-0815	N	08	1	3.05															
	87933-0826		X	87933-0816	N	08	2	3.05															
87933-0827			X	87933-0817	N	08	3	3.05															
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:										mo lex 1.27MM PITCH SMT HEADER WITH CAP PACKED IN TUBE									
mm		NTS																					
GENERAL TOLERANCES (UNLESS SPECIFIED)																							
ANGULAR TOL		± 3.0 °																					
4 PLACES		±		EC NO: 743277 DRWN: DANUSA CHK'D: SUAIFR APPR: MRAMAKRISHNA										2022/11/18		PRODUCT CUSTOMER DRAWING							
3 PLACES		±												2023/03/22									
2 PLACES		± 0.2												2023/03/23									
1 PLACE		±																					
0 PLACES		±		INITIAL REVISION:										2016/09/14		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
				DRWN: SCHEONG										2016/11/10		SD-87933-0001		PSD		000		C5	
				APPR: SCHEONG																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER											
				A3-SIZE		87933		SEE TABLE		GENERAL MARKET		3 OF 6											
DOCUMENT STATUS		P1	RELEASE DATE	2023/03/23	05:13:54																		
10		9		8			7		6		5		4		3		2		1				
FORMAT: msls000000-A3		REVISION: 1																					
DATE: 2020/01/14																							

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		PEG	CKT SIZE	PLATING OPTIONS	DIM. M
87933-1422			X	87933-1407		N	14	1	1.65			87933-1828		X		87933-1818		N	18	4	3.05
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
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
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
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
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
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												
87933-1840			X	87933-1810		N	18	4	1.65												
87933-1846			X	87933-1845		N	18	5	1.65												
87933-1841			X	87933-1811		N	18	1	1.91												
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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												
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:																	
mm		NTS		EC NO: 743277 DRWN: DANUSA2022/11/18 CHK'D: SUAIFR2023/03/22 APPR: MRAMAKRISHNA2023/03/23 INITIAL REVISION: DRWN: SCHEONG2016/09/14 APPR: SCHEONG2016/11/10																	
GENERAL TOLERANCES (UNLESS SPECIFIED)																					
ANGULAR TOL ± 3.0 °																					
4 PLACES ±																					
3 PLACES ±		PRODUCT CUSTOMER DRAWING																			
2 PLACES ± 0.2		DOCUMENT NUMBER																			
1 PLACE ±		SD-87933-0001																			
0 PLACES ±		PSD000C5																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER									
				A3-SIZE		87933		SEE TABLE		GENERAL MARKET		4 OF 6									
DOCUMENT STATUS		P1	RELEASE DATE	2023/03/23	05:13:54																
10		9		8		7		6		5		4		3		2		1			

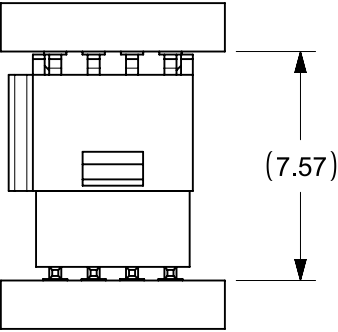
F	10		9		8		7		6		5		4		3		2		1			
	P/N WITH CAP PACKED IN T&R		TOOLED		NOT TOOLED		P/N WITH CAP PACKED IN TUBE		PEG		CKT SIZE		PLATING OPTIONS		DIM. M							
	87933-2437				X		87933-2407		N		24		1		1.65							
	87933-2438				X		87933-2408		N		24		2		1.65							
	87933-2439				X		87933-2409		N		24		3		1.65							
E	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							
	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							
D	87933-2428				X		87933-2418		N		24		4		3.05							
	87933-2424				X		87933-2423		N		24		5		3.05							
C																						
B																						
A																						

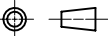
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex 1.27MM PITCH SMT HEADER WITH CAP PACKED IN TUBE PRODUCT CUSTOMER DRAWING									
mm		NTS															
GENERAL TOLERANCES (UNLESS SPECIFIED)																	
ANGULAR TOL		±	3.0 °	EC NO: 743277													
4 PLACES		±		DRWN: DANUSA				2022/11/18									
3 PLACES		±		CHK'D: SUAIFR				2023/03/22									
2 PLACES		± 0.2		APPR: MRAMAKRISHNA				2023/03/23									
1 PLACE		±		INITIAL REVISION:													
0 PLACES		±		DRWN: SCHEONG				2016/09/14									
				APPR: SCHEONG				2016/11/10									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						A3-SIZE		87933		SD-87933-0001		PSD		000		C5	
						SEE TABLE		GENERAL MARKET						5 OF 6			

DOCUMENT STATUS		P1	RELEASE DATE		2023/03/23	05:13:54
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				
mm		NTS										
GENERAL TOLERANCES (UNLESS SPECIFIED)												
ANGULAR TOL		± 3.0 °										
4 PLACES		±		EC NO: 743277 DRWN: DANUSA 2022/11/18 CHK'D: SUAIFR 2023/03/22 APPR: MRAMAKRISHNA 2023/03/23				1.27MM PITCH SMT HEADER WITH CAP PACKED IN TUBE				
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	C5
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A3-SIZE	SERIES 87933	MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET		SHEET NUMBER 6 OF 6