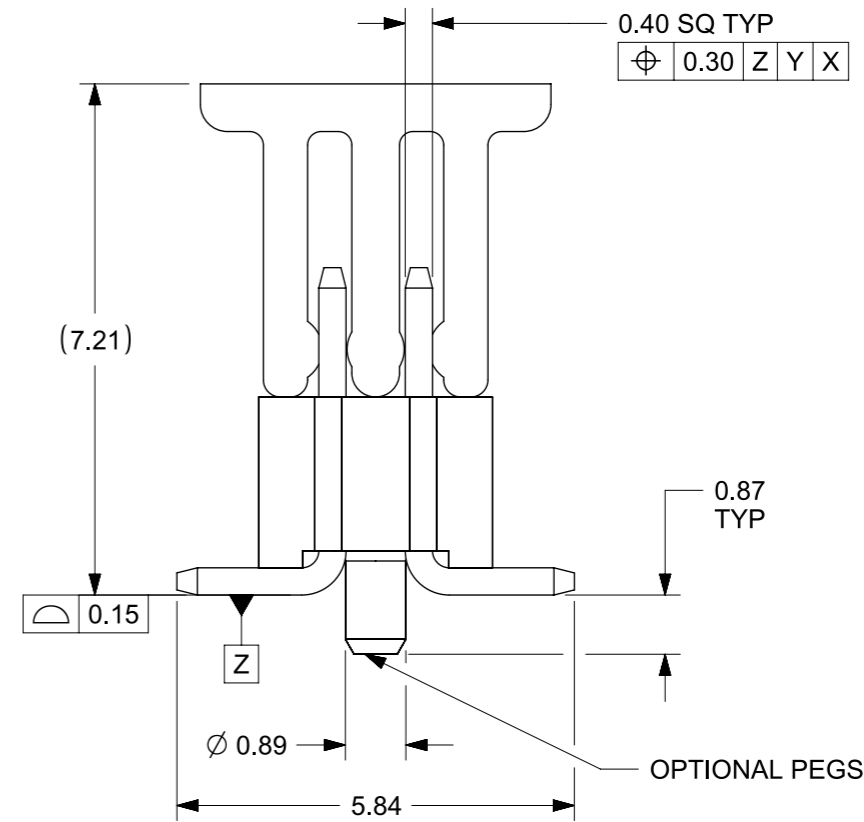
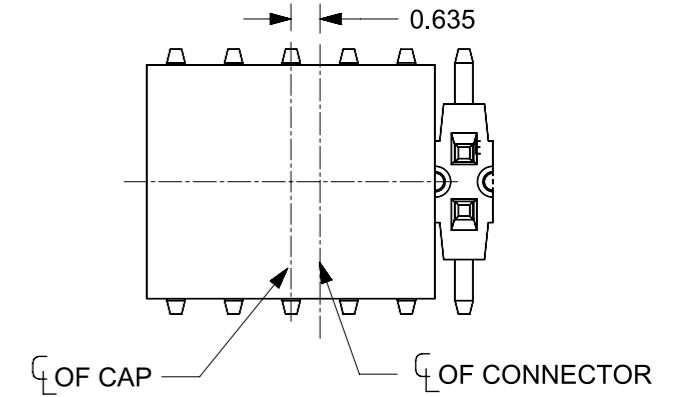
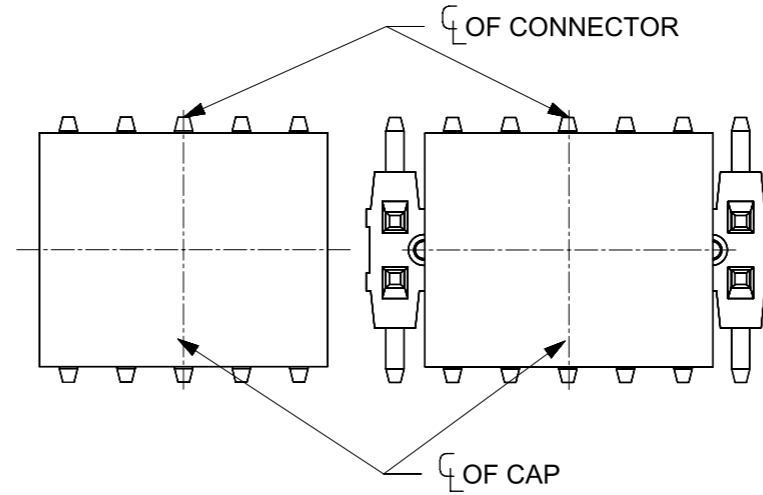


6 CAP POSITION WITH RESPECT TO CONNECTOR

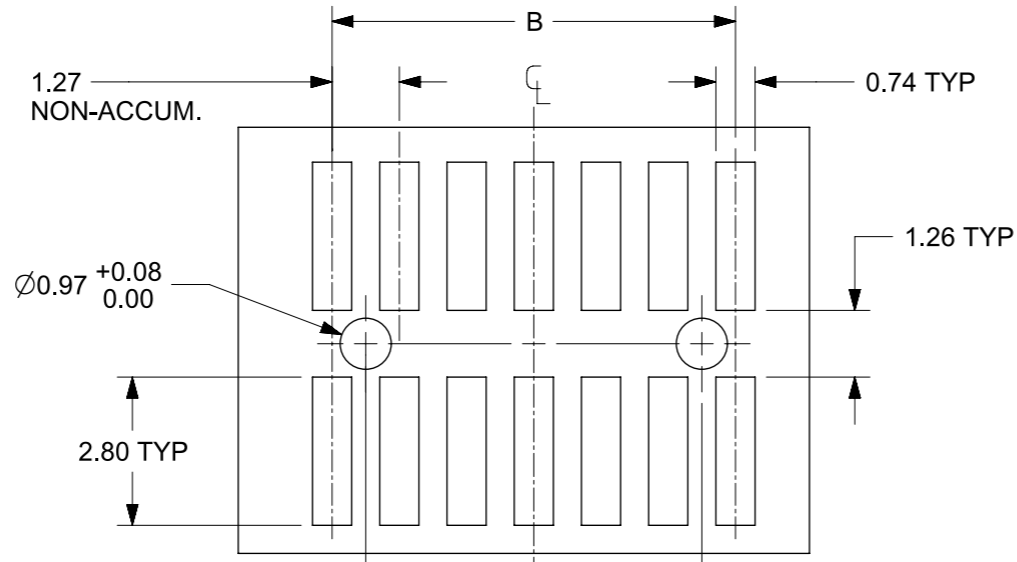
FOR CKT 10 & BELOW & CKT 14, 18, 22, 26, 30,  
34, 38, 42, 46, 50, 54, 58, 62, 66, 70, 74, 78, 82,  
86, 90, 94, 98

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

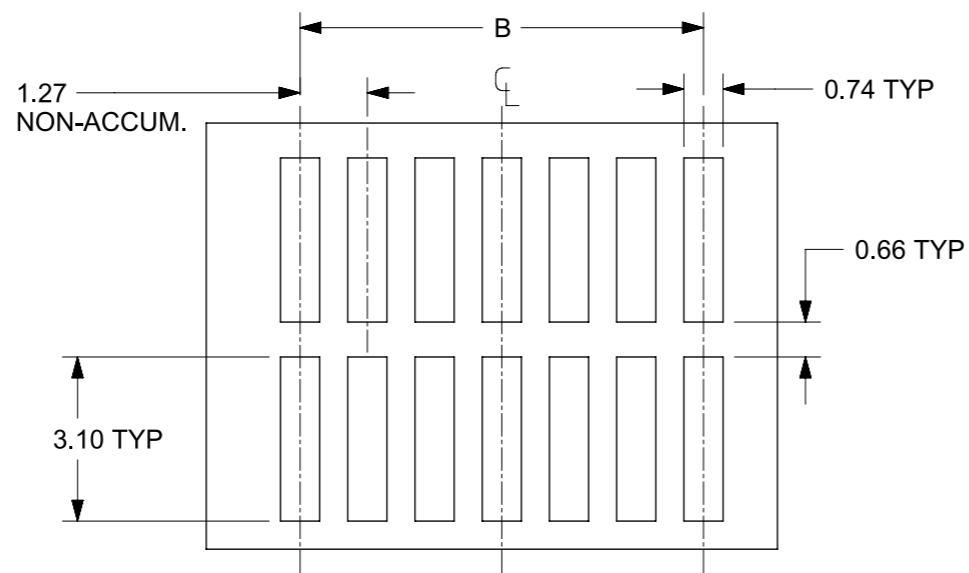


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC:					
mm		NTS		<p style="text-align: center;"><b>molex</b></p> <p style="text-align: center;">1.27MM PITCH SMT HEADER WITH CAP PACKED IN TUBE</p> <p style="text-align: center;">PRODUCT CUSTOMER DRAWING</p>					
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL ± 3.0°									
4 PLACES ±		DRWN: DANUSA 2022/11/18							
3 PLACES ±		CHK'D: SUAIFR 2023/03/22							
2 PLACES ± 0.2		APPR: MRAMAKRISHNA 2023/03/23		INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE DOC PART REVISION	
1 PLACE ±		DRWN: SCHEONG 2016/09/14		2016/11/10		SD-87933-0001		PSD 000 C5	
0 PLACES ±		APPR: SCHEONG 2016/11/10		THIRD ANGLE PROJECTION		DRAWING		SERIES	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
		THIRD ANGLE PROJECTION		DRAWING		SERIES		CUSTOMER	
		THIRD ANGLE PROJECTION		DRAWING		SERIES		SHEET NUMBER	
		THIRD ANGLE PROJECTION		DRAWING		SERIES		GENERAL MARKET	
		THIRD ANGLE PROJECTION		DRAWING		SERIES		1 OF 6	

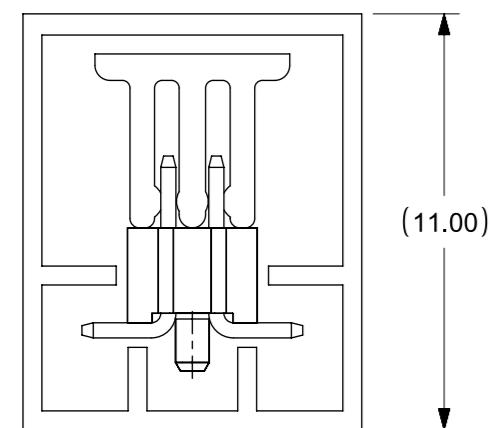
CKT SIZE	DIM A	DIM B	DIM C
4	2.54	1.27	-
6	3.81	2.54	-
8	5.08	3.81	-
10	6.35	5.08	3.81
12	7.62	6.35	-
14	8.89	7.62	-
16	10.16	8.89	-
18	11.43	10.16	-
20	12.70	11.43	10.16
22	13.97	12.70	-
24	15.24	13.97	-



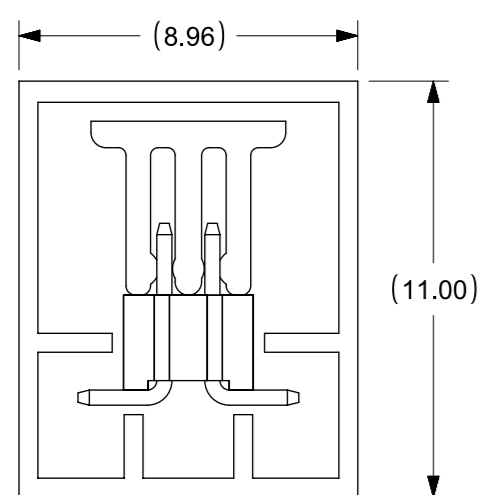
RECOMMENDED PCB LAYOUT  
(PARTS WITH PEGS)  
MANUFACTURING TOLERANCE ±0.05



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



PART WITH PEG & CAP  
PACKED IN TUBE



PART WITHOUT PEG &  
WITH CAP PACKED IN TUBE

- NOTE:
- MATERIAL: HOUSING: LCP GLASS FILLED, COLOR: BLACK  
TERMINAL: COPPER ALLOY
  - PIN PUSHOUT FORCE: 0.4KG MIN. IN EITHER DIRECTION.
  - PLATING FINISH:
    - 2 MICRO INCH MIN. GOLD FLASH OVERALL, 50 MICRO INCH MIN. NICKEL UNDERPLATED
    - 100 MICRO INCH MIN. TIN OVERALL, 50 MICRO INCH MIN. NICKEL UNDERPLATED
    - 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
    - 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
    - 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
  - THE ABOVE 14 CKT SHOWN IS FOR ILLUSTRATION ONLY.
  - PARTS TO BE PACKED IN TUBE EXCEPT FOR 4 CKTS.
  - POSITION OF CAP TO BE LOCATED AS SHOWN.
  - IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE.
  - PACKAGING SPECIFICATION REFER TO  
TUBE : PK-89990-565  
TAPE & REEL : PK-87933-300
  - PRODUCT SPECIFICATION: 879330001\_PS
  - MATED SERIES: 78120 EXCEPT FOR FULL TIN PLATING FINISH
  - 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:				<b>molex</b>	
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 743277				1.27MM PITCH SMT HEADER WITH CAP PACKED IN TUBE	
ANGULAR TOL ± 3.0°				DRWN: DANUSA 2022/11/18				PRODUCT CUSTOMER DRAWING	
4 PLACES ±				CHK'D: SUAIFR 2023/03/22				DOCUMENT NUMBER	
3 PLACES ±				APPR: MRAMAKRISHNA 2023/03/23				SD-87933-0001	
2 PLACES ± 0.2				INITIAL REVISION:				DOC TYPE	
1 PLACE ±				DRWN: SCHEONG 2016/09/14				DOC PART	
0 PLACES ±				APPR: SCHEONG 2016/11/10				REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		SHEET NUMBER	
		A3-SIZE		87933		SEE TABLE		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	(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			
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			
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												


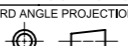
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DIMENSION UNITS	SCALE	CURRENT REV DESC:		<b>molex</b>
mm	NTS			
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 743277		1.27MM PITCH SMT HEADER WITH CAP PACKED IN TUBE
ANGULAR TOL	± 3.0 °	DRWN: DANUSA	2022/11/18	
4 PLACES	±	CHK'D: SUAIFR	2023/03/22	PRODUCT CUSTOMER DRAWING
3 PLACES	±	APPR: MRAMAKRISHNA	2023/03/23	
2 PLACES	± 0.2	INITIAL REVISION:		DOCUMENT NUMBER
1 PLACE	±	DRWN: SCHEONG	2016/09/14	
0 PLACES	±	APPR: SCHEONG	2016/11/10	SD-87933-0001
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES
			A3-SIZE	87933
		MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
		SEE TABLE	GENERAL MARKET	3 OF 6


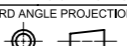
DOCUMENT STATUS | P1 | RELEASE DATE | 2023/03/23 05:13:54

	10	9	8	7	6			
	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
F	87933-1422		X	87933-1407	N	14	1	1.65
	87933-1438		X	87933-1408	N	14	2	1.65
	87933-1439		X	87933-1409	N	14	3	1.65
	87933-1440		X	87933-1410	N	14	4	1.65
	87933-1446		X	87933-1445	N	14	5	1.65
	87933-1441		X	87933-1411	N	14	1	1.91
	87933-1442		X	87933-1412	N	14	2	1.91
	87933-1443		X	87933-1413	N	14	3	1.91
E	87933-1444		X	87933-1414	N	14	4	1.91
	87933-1448		X	87933-1447	N	14	5	1.91
	87933-1425		X	87933-1415	N	14	1	3.05
	87933-1426		X	87933-1416	N	14	2	3.05
	87933-1427		X	87933-1417	N	14	3	3.05
	87933-1428		X	87933-1418	N	14	4	3.05
	87933-1424		X	87933-1423	N	14	5	3.05
	87933-1622		X	87933-1607	N	16	1	1.65
D	87933-1638		X	87933-1608	N	16	2	1.65
	87933-1639		X	87933-1609	N	16	3	1.65
	87933-1640		X	87933-1610	N	16	4	1.65
	87933-1646		X	87933-1645	N	16	5	1.65
	87933-1641		X	87933-1611	N	16	1	1.91
	87933-1642		X	87933-1612	N	16	2	1.91
	87933-1643		X	87933-1613	N	16	3	1.91
	87933-1644		X	87933-1614	N	16	4	1.91
	87933-1648		X	87933-1647	N	16	5	1.91
C	87933-1625		X	87933-1615	N	16	1	3.05
	87933-1626		X	87933-1616	N	16	2	3.05
	87933-1627		X	87933-1617	N	16	3	3.05
	87933-1628		X	87933-1618	N	16	4	3.05
	87933-1624		X	87933-1623	N	16	5	3.05
	87933-1822		X	87933-1807	N	18	1	1.65
	87933-1838		X	87933-1808	N	18	2	1.65
	87933-1839		X	87933-1809	N	18	3	1.65
B	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
	87933-1842		X	87933-1812	N	18	2	1.91
	87933-1843		X	87933-1813	N	18	3	1.91
	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
A	87933-1826		X	87933-1816	N	18	2	3.05
	87933-1827		X	87933-1817	N	18	3	3.05

	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
	87933-1828	X		87933-1818	N	18	4	3.05
	87933-1824	X		87933-1823	N	18	5	3.05
	87933-2037	X		87933-2007	N	20	1	1.65
	87933-2038	X		87933-2008	N	20	2	1.65
	87933-2039	X		87933-2009	N	20	3	1.65
	87933-2040	X		87933-2010	N	20	4	1.65
	87933-2046	X		87933-2045	N	20	5	1.65
	87933-2041	X		87933-2011	N	20	1	1.91
	87933-2042	X		87933-2012	N	20	2	1.91
	87933-2043	X		87933-2013	N	20	3	1.91
	87933-2044	X		87933-2014	N	20	4	1.91
	87933-2048	X		87933-2047	N	20	5	1.91
	87933-2025	X		87933-2015	N	20	1	3.05
	87933-2026	X		87933-2016	N	20	2	3.05
	87933-2027	X		87933-2017	N	20	3	3.05
	87933-2021	X		87933-2018	N	20	4	3.05
	87933-2024	X		87933-2023	N	20	5	3.05
	87933-2237		X	87933-2207	N	22	1	1.65
	87933-2238		X	87933-2208	N	22	2	1.65
	87933-2239		X	87933-2209	N	22	3	1.65
	87933-2240		X	87933-2210	N	22	4	1.65
	87933-2246		X	87933-2245	N	22	5	1.65
	87933-2241		X	87933-2211	N	22	1	1.91
	87933-2242		X	87933-2212	N	22	2	1.91
	87933-2243		X	87933-2213	N	22	3	1.91
	87933-2244		X	87933-2214	N	22	4	1.91
	87933-2248		X	87933-2247	N	22	5	1.91
	87933-2225		X	87933-2215	N	22	1	3.05
	87933-2226		X	87933-2216	N	22	2	3.05
	87933-2227		X	87933-2217	N	22	3	3.05
	87933-2228		X	87933-2218	N	22	4	3.05
	87933-2224		X	87933-2223	N	22	5	3.05

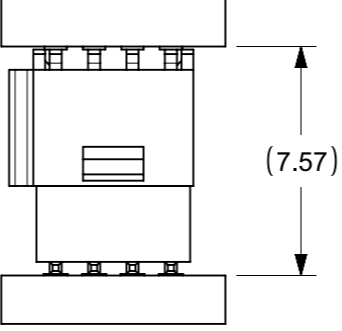
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC:					
mm		NTS		 1.27MM PITCH SMT HEADER WITH CAP PACKED IN TUBE PRODUCT CUSTOMER DRAWING					
GENERAL TOLERANCES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


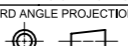
	10	9	8	7	6	5	4	3	2	1
	P/N WITH CAP PACKED IN T&R	TOOLED	NOT TOOLED	P/N WITH CAP PACKED IN TUBE	PEG	CKT SIZE	PLATING OPTIONS	DIM. M		
F	87933-2437		X	87933-2407	N	24	1	1.65		
	87933-2438		X	87933-2408	N	24	2	1.65		
	87933-2439		X	87933-2409	N	24	3	1.65		
	87933-2440		X	87933-2410	N	24	4	1.65		
	87933-2446		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		

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									
GENERAL TOLERANCES (UNLESS SPECIFIED)		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			
ANGULAR TOL	± 3.0 °						PRODUCT CUSTOMER DRAWING			
4 PLACES	±						DOCUMENT NUMBER			
3 PLACES	±						SD-87933-0001			
2 PLACES	± 0.2						DOC TYPE			
1 PLACE	±	INITIAL REVISION:					DOC PART			
0 PLACES	±	DRWN: SCHEONG 2016/09/14					REVISION			
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		

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BOARD TO BOARD (BTB) DISTANCE

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

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DIMENSION UNITS	SCALE	CURRENT REV DESC:									
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				1.27MM PITCH SMT HEADER WITH CAP PACKED IN TUBE					
ANGULAR TOL	± 3.0 °					PRODUCT CUSTOMER DRAWING					
4 PLACES	±					INITIAL REVISION:		DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
3 PLACES	±					DRWN: SCHEONG 2016/09/14	2016/11/10	SD-87933-0001	PSD	000	C5
2 PLACES	± 0.2					APPR: SCHEONG 2016/11/10		SEE TABLE	GENERAL MARKET		
1 PLACE	±	THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER			
0 PLACES	±			A3-SIZE	87933	SEE TABLE	GENERAL MARKET	6 OF 6			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											

DOCUMENT STATUS	P1	RELEASE DATE	2023/03/23 05:13:54
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