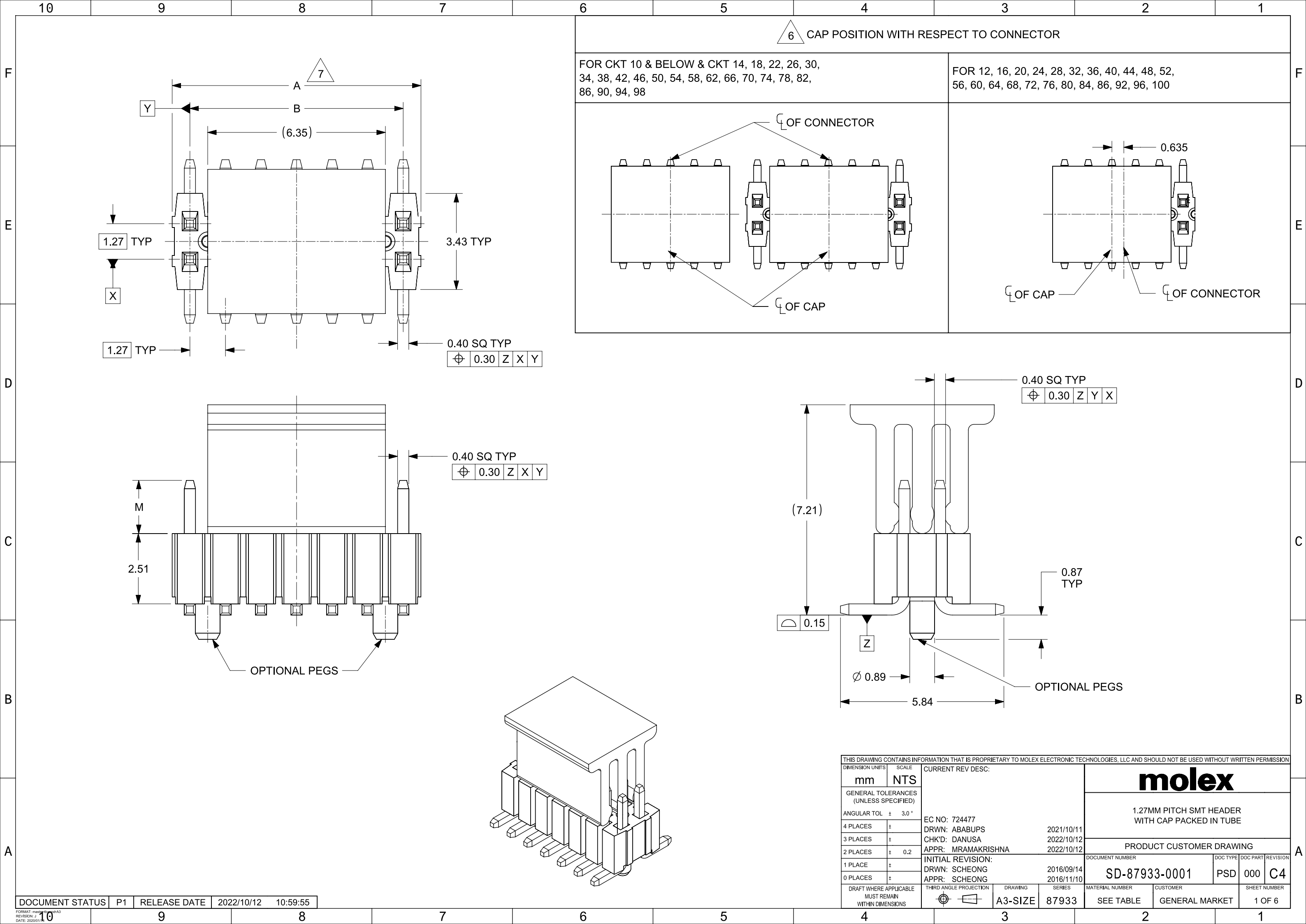
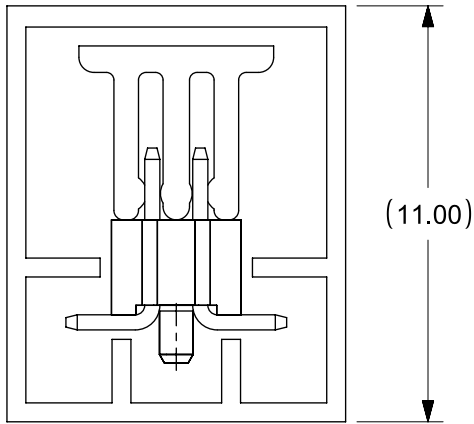
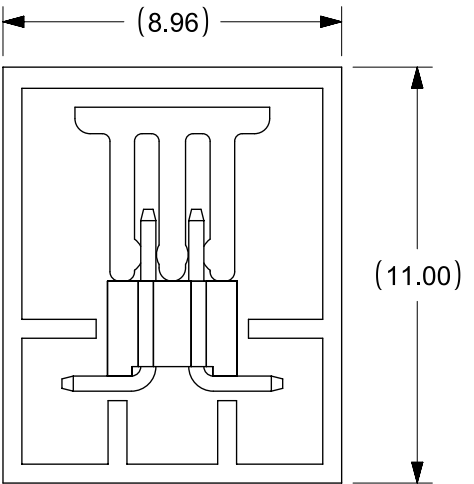




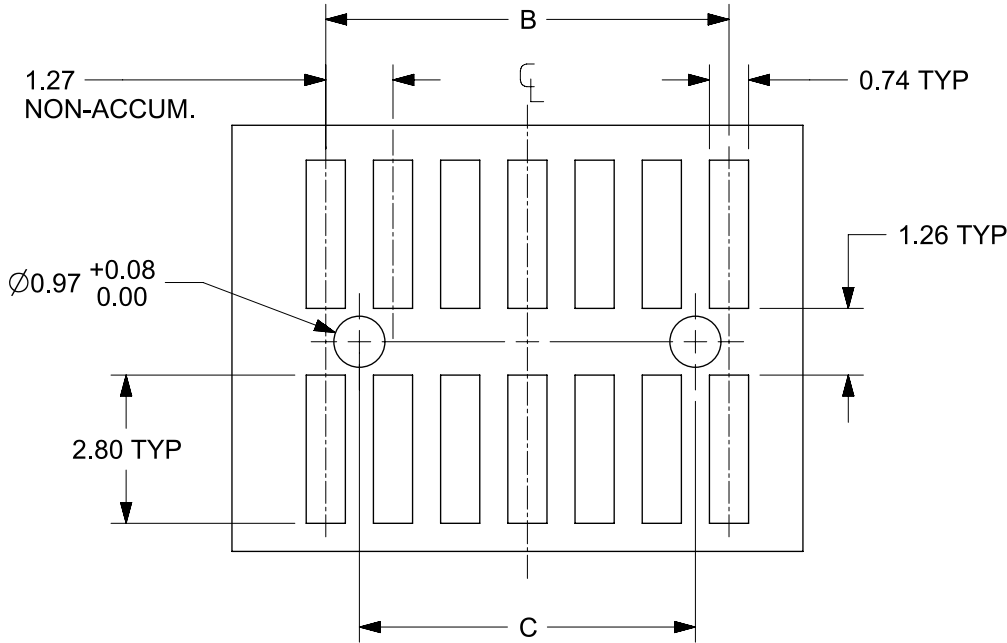
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CKT SIZE	DIM A	DIM B	DIM C						
4	2.54	1.27	-						
6	3.81	2.54	-						
8	5.08	3.81	-						
10	6.35	5.08	3.81						
12	7.62	6.35	-						
14	8.89	7.62	-						
16	10.16	8.89	-						
18	11.43	10.16	-						
20	12.70	11.43	10.16						
22	13.97	12.70	-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



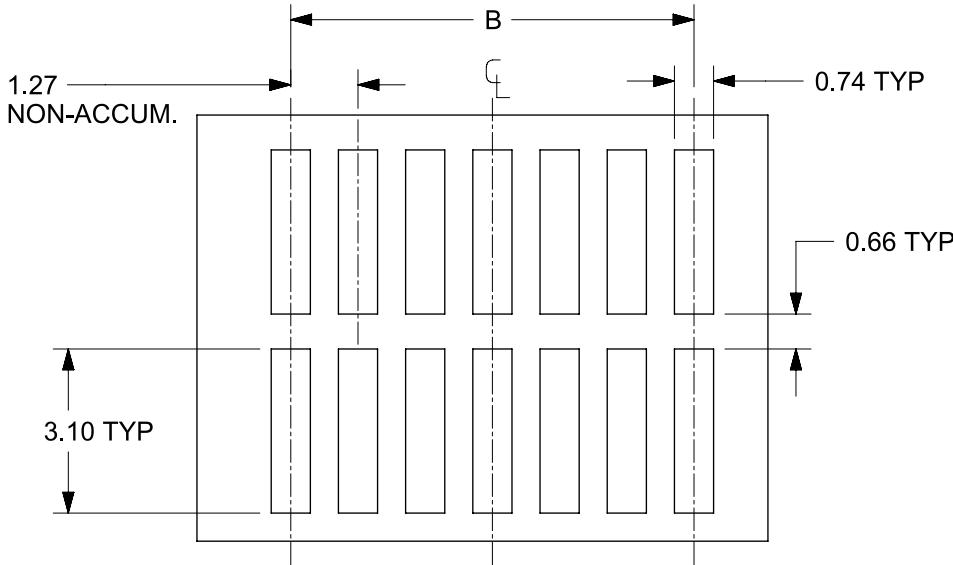
PART WITH PEG & CAP
PACKED IN TUBE



PART WITHOUT PEG &
WITH CAP PACKED IN TUBE



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



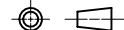
RECOMMENDED PCB LAYOUT
(IMPROVED FOR WITHOUT PEGS OPTION)
MANUFACTURING TOLERANCE ±0.05

- 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				1.27MM PITCH SMT HEADER WITH CAP PACKED IN TUBE		
ANGULAR TOL ± 3.0 °								PRODUCT CUSTOMER DRAWING		
4 PLACES										
3 PLACES										
2 PLACES		0.2								
1 PLACE										
0 PLACES										
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	
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87933-0626		X		87933-0616	N	06	2	3.05			87933-1248		X	87933-1247	-	N	12	5	1.91	
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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												
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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												
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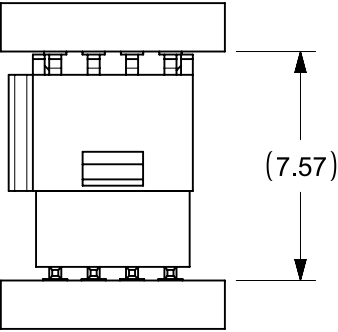
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P/N WITH CAP PACKED IN T&R		TOOLED	NOT TOOLED	P/N WITH CAP PACKED IN TUBE		PEG	CKT SIZE	PLATING OPTIONS	DIM. M			P/N WITH CAP PACKED IN T&R		TOOLED	NOT TOOLED	P/N WITH CAP PACKED IN TUBE		PEG	CKT SIZE	PLATING OPTIONS	DIM. M
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	87933-1439		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
E	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
D	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
C	87933-1640		X	87933-1610		N	16	4	1.65			87933-2238			X	87933-2208		N	22	2	1.65
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	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
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	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
A	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
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8	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												
7	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:						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				4 OF 6	

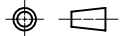
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REVISION: 1																			
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	P/N WITH CAP PACKED IN T&R	TOOLED	NOT TOOLED	P/N WITH CAP PACKED IN TUBE	PEG	CKT SIZE	PLATING OPTIONS	DIM. M																																																																																																														
	87933-2437		X	87933-2407	N	24	1	1.65																																																																																																														
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E	87933-2440		X	87933-2410	N	24	4	1.65																																																																																																														
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	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 <table><tr><td colspan="2">DIMENSION UNITS</td><td colspan="2">SCALE</td><td colspan="4" rowspan="3">CURRENT REV DESC:</td><td colspan="4" rowspan="3"> molex 1.27MM PITCH SMT HEADER WITH CAP PACKED IN TUBE </td></tr><tr><td colspan="2">mm</td><td colspan="2">NTS</td></tr><tr><td colspan="4">GENERAL TOLERANCES (UNLESS SPECIFIED)</td></tr><tr><td colspan="2">ANGULAR TOL</td><td>±</td><td>3.0 °</td><td colspan="4" rowspan="5">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</td><td colspan="2">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>REVISION</td></tr><tr><td colspan="2">4 PLACES</td><td>±</td><td></td><td colspan="2">SD-87933-0001</td><td>PSD</td><td>000</td><td>C4</td></tr><tr><td colspan="2">3 PLACES</td><td>±</td><td></td><td colspan="2"></td><td></td><td></td><td></td></tr><tr><td colspan="2">2 PLACES</td><td>±</td><td>0.2</td><td colspan="2"></td><td></td><td></td><td></td></tr><tr><td colspan="2">1 PLACE</td><td>±</td><td></td><td colspan="2"></td><td></td><td></td><td></td></tr><tr><td colspan="2">0 PLACES</td><td>±</td><td></td><td colspan="2"></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td colspan="4">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2">THIRD ANGLE PROJECTION</td><td>DRAWING</td><td>SERIES</td><td>MATERIAL NUMBER</td><td colspan="2">CUSTOMER</td><td colspan="2">SHEET NUMBER</td></tr><tr><td colspan="4"></td><td colspan="2"></td><td>A3-SIZE</td><td>87933</td><td>SEE TABLE</td><td colspan="2">GENERAL MARKET</td><td colspan="2">5 OF 6</td></tr></table>											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 °	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				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	4 PLACES		±		SD-87933-0001		PSD	000	C4	3 PLACES		±							2 PLACES		±	0.2						1 PLACE		±							0 PLACES		±											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	

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 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	±							
0 PLACES	±	INITIAL REVISION: DRWN: SCHEONG 2016/09/14 APPR: SCHEONG 2016/11/10	DOCUMENT NUMBER SD-87933-0001		DOC TYPE PSD	DOC PART 000	REVISION C4	
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

DOCUMENT STATUS	P1	RELEASE DATE	2022/10/12	10:59:55
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