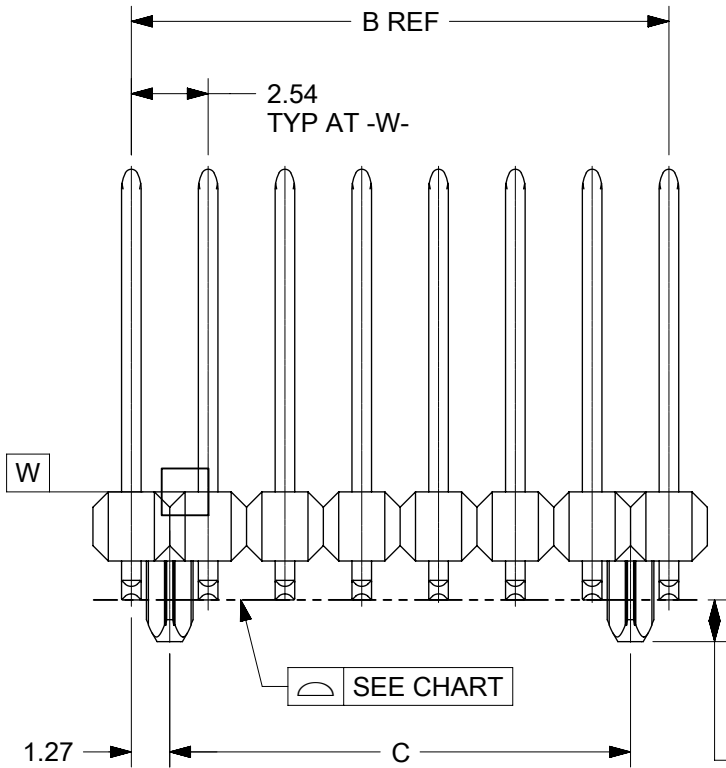
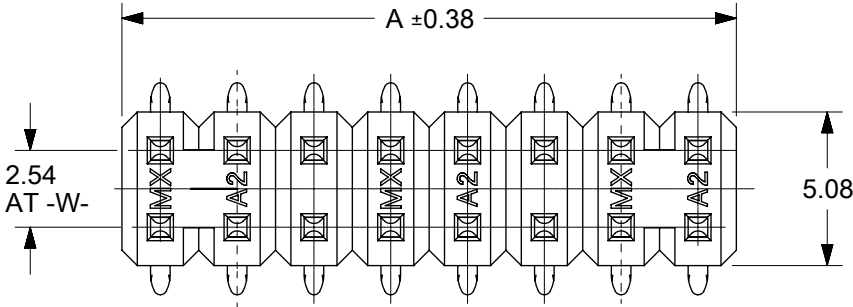
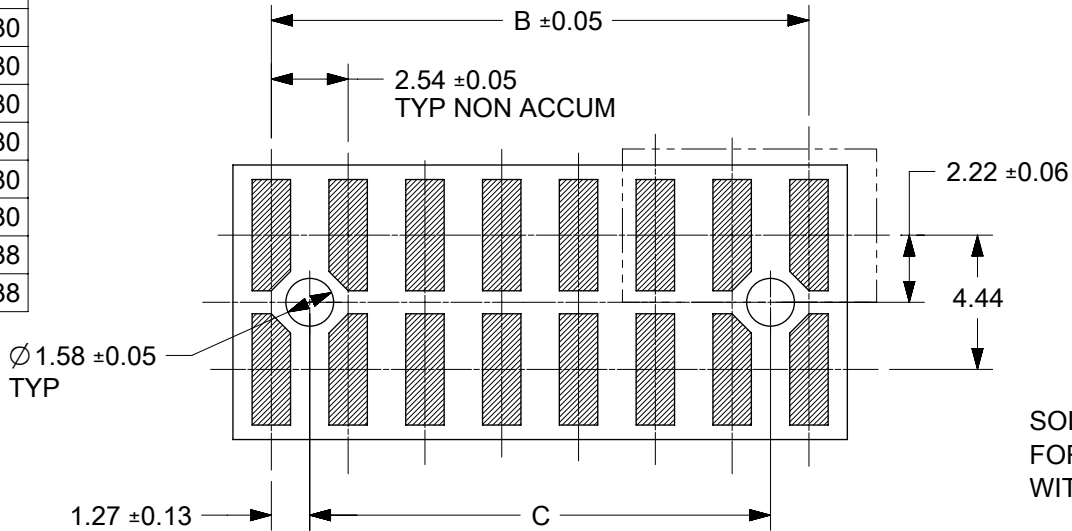


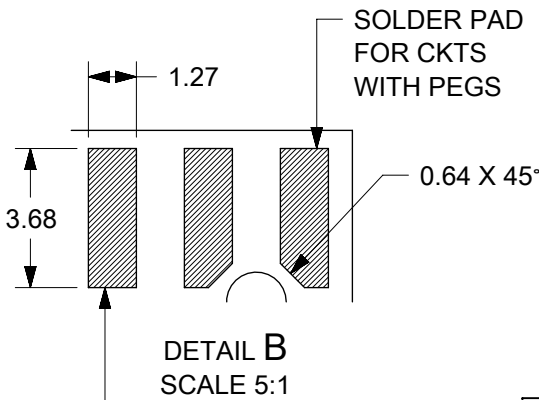
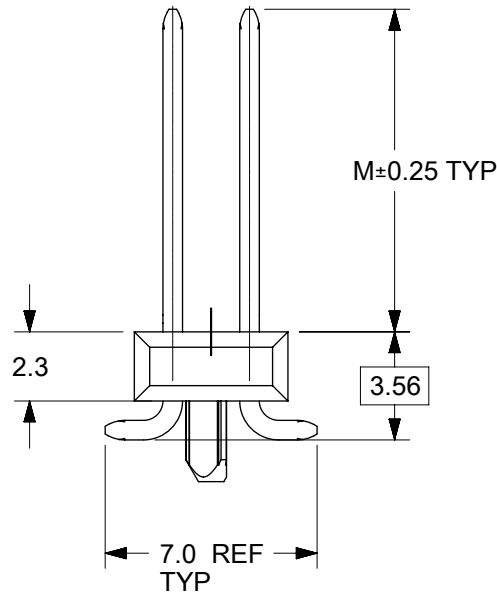
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CKTS	DIM A	DIM B	DIM C						
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6	7.62	5.08	2.54	0.10					
8	10.16	7.62	5.08	0.10					
10	12.70	10.16	7.62	0.10					
12	15.24	12.70	10.16	0.10					
14	17.78	15.24	12.70	0.10					
16	20.32	17.78	15.24	0.10					
18	22.86	20.32	17.78	0.10					
20	25.40	22.86	20.32	0.10					
22	27.94	25.40	22.86	0.15					
24	30.48	27.94	25.40	0.15					
26	33.02	30.48	27.94	0.15					
28	35.56	33.02	30.48	0.15					
30	38.10	35.56	33.02	0.15					
32	40.64	38.10	35.56	0.15					
34	43.18	40.64	38.10	0.15					
36	45.72	43.18	40.64	0.15					
38	48.26	45.72	43.18	0.15					
40	50.80	48.26	45.72	0.15					
42	53.34	50.80	48.26	0.23					
44	55.88	53.34	50.80	0.23					
46	58.42	55.88	53.34	0.23					
48	60.96	58.42	55.88	0.23					
50	63.50	60.96	58.42	0.23					
52	66.04	63.50	60.96	0.23					
54	68.58	66.04	63.50	0.23					
56	71.12	68.58	66.04	0.23					
58	73.66	71.12	68.58	0.23					
60	76.20	73.66	71.12	0.23					
62	78.74	76.20	73.66	0.30					
64	81.28	78.74	76.20	0.30					
66	83.82	81.28	78.74	0.30					
68	86.36	83.82	81.28	0.30					
70	88.90	86.36	83.82	0.30					
72	91.44	88.90	86.36	0.30					
74	93.98	91.44	88.90	0.30					
76	96.52	93.98	91.44	0.30					
78	99.06	96.52	93.98	0.30					
80	101.60	99.06	96.52	0.30					
90	114.30	111.76	109.22	0.38					
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PEG OPTIONS
NO PEG
1.40 = SHORT PEG
3.30 = LONG PEG

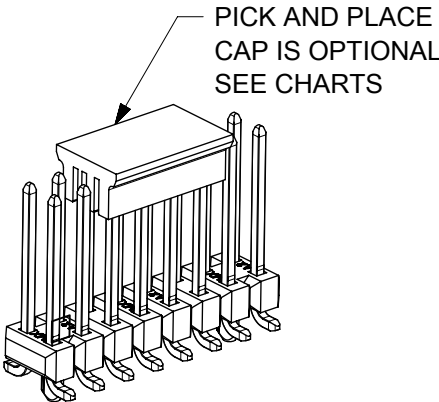


PCB LAYOUT: COMPONENT SIDE
(FOR CKT 04,06 AND 08 REFER SHEET 2)



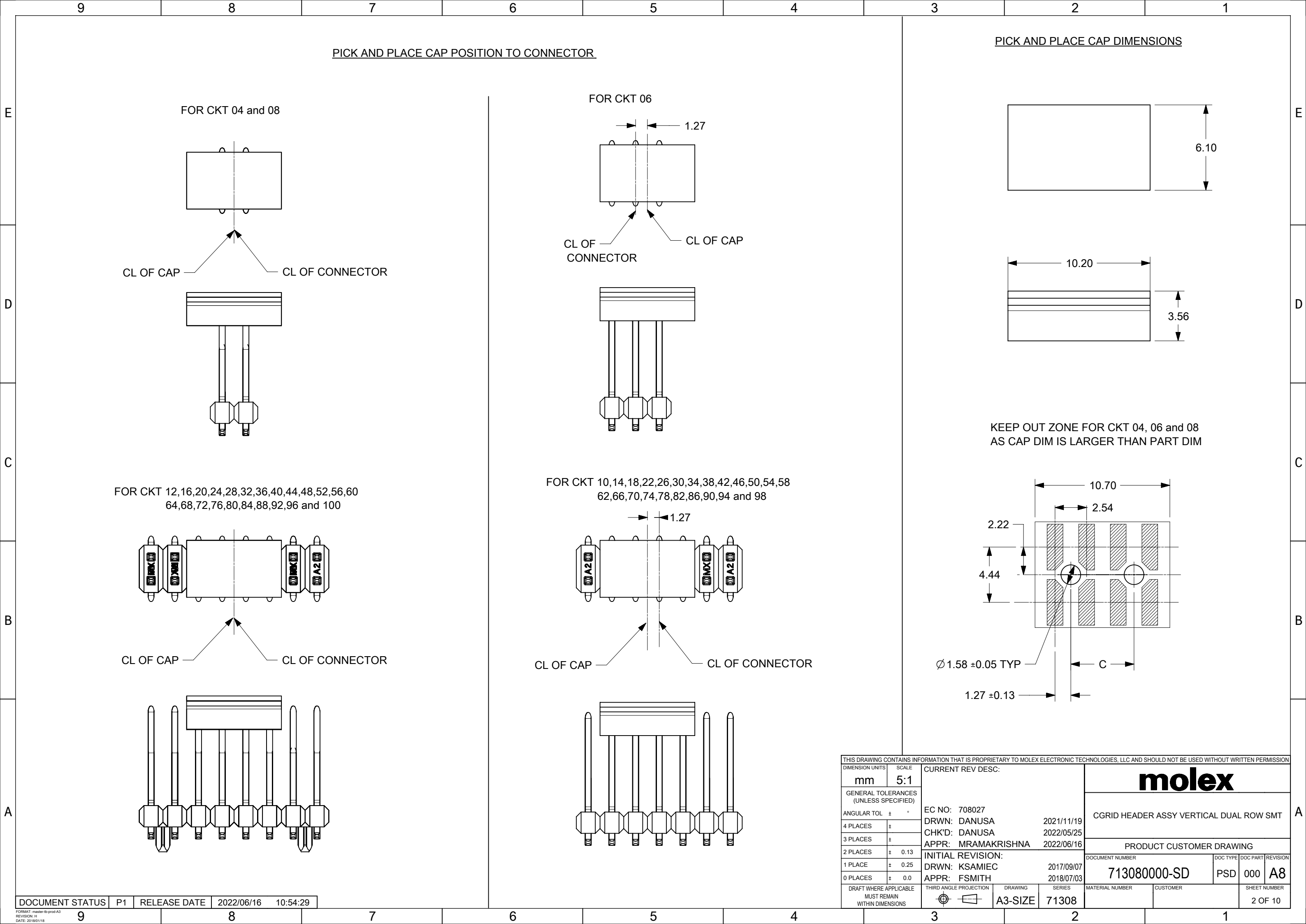
SOLDER PAD
FOR CKTS
WITHOUT PEGS

- NOTES:
- HOUSING MATERIAL: LCP, UL 94V-0 COLOR: BLACK
PIN MATERIAL: COPPER ALLOY
 - FINISH:
124 = BRIGHT TIN: 3.81 MICROMETERS MIN OVER MATTE NICKEL
207 = SELECT GOLD: 0.38 MICROMETERS MIN IN CONTACT AREA
SELECT BRIGHT TIN: 2.0 MICROMETERS MIN IN SMT TAIL
BOTH OVER NICKEL.
206 = SELECT GOLD: 0.75 MICROMETERS MIN IN CONTACT AREA
SELECT BRIGHT TIN: 2.0 MICROMETERS MIN IN SMT TAIL
BOTH OVER NICKEL.
197 = REFLOW MATTE TIN: 1.52 MICROMETERS MIN OVER MATTE NICKEL
222 = MATTE TIN: 2.54 MICROMETERS MIN OVER MATTE NICKEL
118 = BRIGHT TIN: 1.52 MICROMETERS MIN OVER NICKEL
 - PRODUCT SPECIFICATION: PS-71308
 - PACKAGING SPECIFICATION: SEE CHART
 - COSMETIC SPECIFICATION: PS-45499-002 CLASS B
 - SOLDERABILITY SPECIFICATION: SMES-152



DRAWING SHEET INDEX		
SHEET NO	PEG STYLE	DIM M MATING HEIGHT
2	NONE	6.10
3	NONE	6.10
4	NONE	8.13
5	LONG	6.10
6	LONG	8.13
7	SHORT	6.10
8	SHORT	8.13
9	PARTS WITH VOIDS	

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		3:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL ± °				EC NO: 708027			CGRID HEADER ASSY VERTICAL DUAL ROW SMT		
4 PLACES		±		DRWN: DANUSA					



[illegible]

10		9		8		7		6		5		4		3		2		1															
F	PLATING:	197 - REFLOW TIN	118 - BRIGHT TIN	118 - BRIGHT TIN	118 - BRIGHT TIN	197 - REFLOW TIN	197 - REFLOW TIN																										
	PACKAGING:	TUBE 713080001-PK	TUBE 713080001-PK	T&R 713080000-PK STYLE A	TUBE 713080002-PK	T&R 713080000-PK STYLE A	T&R 713080000-PK STYLE A																										
	PICK AND PLACE CAPS	NO	NO	YES	YES	YES	YES																										
	CKTS:	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO																								
E	4	71308-2104	71308-5404	71308-5504	NA																												
	6	71308-2106	71308-5406	71308-5506	NA																												
	8	71308-2108	71308-5408	71308-5508	71308-5608																												
	10	71308-2110	71308-5410	71308-5510	71308-5610		71308-1810																										
	12	71308-2112	71308-5412	71308-5512	71308-5612																												
	14	71308-2114	71308-5414	71308-5514	71308-5614																												
	16	71308-2116	71308-5416	71308-5516	71308-5616	71308-1561																											
	18	71308-2118	71308-5418		71308-5618																												
	20	71308-2120	71308-5420	71308-5520	71308-5620																												
	22	71308-2122	71308-5422		71308-5622																												
D	24	71308-2124	71308-5424		71308-5624																												
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	28	71308-2128	71308-5428		71308-5628																												
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	32	71308-2132	71308-5432		71308-5632																												
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	38	71308-2138	71308-5438		71308-5638																												
	40	71308-2140	71308-5440	71308-5540	71308-5640																												
	42	71308-2142	71308-5442		71308-5642																												
C	44	71308-2144	71308-5444		71308-5644																												
	46	71308-2146	71308-5446		71308-5646																												
	48	71308-2148	71308-5448		71308-5648																												
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	68	71308-2168	71308-5468		71308-5668																												
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	74	71308-2174	71308-5474		71308-5674																												
	76	71308-2176	71308-5476		71308-5676																												
	78	71308-2178	71308-5478		71308-5678																												
	80	71308-2180	71308-5480		71308-5680																												
	100		71308-5500		71308-5700																												
PARTS ON THIS SHEET ARE WITHOUT PEGS WITH 6.10 MATING LENGTH CONTINUED FROM SHEET 2 6.10 REF NO PEGS THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS mm SCALE 1:1 GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACES ± 0.0 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS CURRENT REV DESC: EC NO: 708027 DRWN: DANUSA CHK'D: DANUSA APPR: MRAMAKRISHNA 2021/11/19 2022/05/25 2022/06/16 INITIAL REVISION: DRWN: KSAMIEC APPR: FSMITH 2017/09/07 2018/07/03 THIRD ANGLE PROJECTION DRAWING B-SIZE SERIES 71308 DOCUMENT NUMBER 713080000-SD DOC TYPE PSD DOC PART 000 REVISION A8 MATERIAL NUMBER CUSTOMER SHEET NUMBER 4 OF 10 <table><tr><td colspan="2">DOCUMENT STATUS</td><td>P1</td><td>RELEASE DATE</td><td>2022/06/16</td><td>10:54:29</td></tr><tr><td colspan="2">9</td><td colspan="2">8</td><td colspan="2">7</td></tr><tr><td colspan="2">6</td><td colspan="2">5</td><td colspan="2">4</td></tr><tr><td colspan="2">3</td><td colspan="2">2</td><td colspan="2">1</td></tr></table>										DOCUMENT STATUS		P1	RELEASE DATE	2022/06/16	10:54:29	9		8		7		6		5		4		3		2		1	
DOCUMENT STATUS		P1	RELEASE DATE	2022/06/16	10:54:29																												
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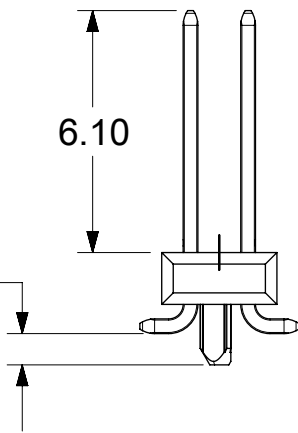
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PACKAGING:		TUBE 713080003-PK		T&R 713080000-PK STYLE B		TUBE 713080003-PK		T&R 713080000-PK STYLE B		TUBE 713080003-PK		T&R 713080000-PK STYLE B		TUBE 713080003-PK		T&R 713080000-PK STYLE B		TUBE 713080003-PK		
PICK AND PLACE CAPS		NO		YES		NO		YES		NO		YES		NO		YES		NO		
CKTS:		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO
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14		71308-8014								015-91-0148				015-91-5149						
16		71308-8016				71308-8017		71308-0015		015-91-0168				015-91-5169				71308-5816		
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22		71308-8022								015-91-0228				015-91-5229						
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66		71308-8066								015-91-0668				015-91-5669						
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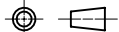
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PLATING:	124 - BRIGHT TIN	207 - 0.38 SGOLD	206 - 0.76 SGOLD	124 - BRIGHT TIN	207 - 0.38 GOLD	206 - 0.76 GOLD	118 - BRIGHT TIN	118 - BRIGHT TIN	
PACKAGING:	TUBE 713080001-PK	TUBE 713080001-PK	TUBE 713080001-PK	T&R 713080000-PK STYLE C	T&R 713080000-PK STYLE C	T&R 713080000-PK STYLE C	TUBE 713080001-PK	T&R 713080000-PK STYLE C	
PICK AND PLACE CAPS	NO	NO	NO	YES	YES	YES	NO	YES	
CKTS:	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	
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10	015-91-1101	015-91-1102 / 71308-1102	015-91-1103	015-91-6104	015-91-6105	015-91-6106	71308-6410	71308-6510	
12	015-91-1121	015-91-1122	015-91-1123				71308-6412		
14	015-91-1141	015-91-1142	015-91-1143	015-91-6144	015-91-6145	015-91-6146	71308-6414	71308-6514	
16	015-91-1161	015-91-1162	015-91-1163	015-91-6164	015-91-6165	015-91-6166	71308-6416	71308-6516	
18	015-91-1181	015-91-1182	015-91-1183				71308-6418		
20	015-91-1201	015-91-1202	015-91-1203				71308-6420		
22	015-91-1221	015-91-1222	015-91-1223				71308-6422		
24	015-91-1241	015-91-1242	015-91-1243	71308-6901			71308-6424		
26	015-91-1261	015-91-1262	015-91-1263				71308-6426		
28	015-91-1281	015-91-1282	015-91-1283				71308-6428		
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38	015-91-1381	015-91-1382	015-91-1383				71308-6438		
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72	015-91-1721	015-91-1722	015-91-1723				71308-6472		
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80	015-91-1801	015-91-1802	015-91-1803				71308-6480		
100	71308-4100	71308-4200	71308-4300						

PARTS ON THIS SHEET
HAVE LONG PEGS
WITH A MATING HEIGHT OF 6.10

6.10

3.30



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 CGRID HEADER ASSY VERTICAL DUAL ROW SMT PRODUCT CUSTOMER DRAWING <table><tr><td>DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>REVISION</td></tr><tr><td>713080000-SD</td><td>PSD</td><td>000</td><td>A8</td></tr></table>				DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION	713080000-SD	PSD	000	A8
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION													
713080000-SD	PSD	000	A8													
mm		1:1														
GENERAL TOLERANCES (UNLESS SPECIFIED)																
ANGULAR TOL	± °															
4 PLACES	±	EC NO: 708027														
3 PLACES	±	DRWN: DANUSA 2021/11/19														
2 PLACES	± 0.13	CHK'D: DANUSA 2022/05/25														
1 PLACE	± 0.25	APPR: MRAMAKRISHNA 2022/06/16														
0 PLACES	± 0.0	INITIAL REVISION:														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER									
			B-SIZE	71308			6 OF 10									

DOCUMENT STATUS	P1	RELEASE DATE	2022/06/16	10:54:29
FORMAT: master-lb-prod-B REVISION: H DATE: 2018/01/18				

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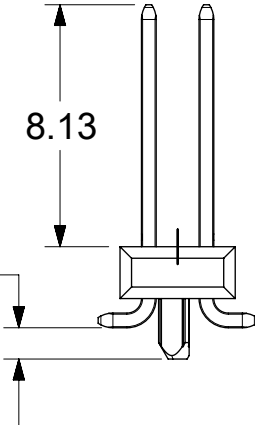
[illegible]

10	9	8	7	6	5	4	3	2	1
PLATING:	197 - REFLOW TIN	197 - REFLOW TIN	197 - REFLOW TIN						
PACKAGING:	T&R 713080000-PK STYLE D	TUBE 713080004-PK	TUBE 713080003-PK						
PICK AND PLACE CAPS	YES	YES	NO						
CKTS:	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	
4									
6									
8	71308-8409	71308-8408	71308-8508						
10									
12									
14									
16									
18									
20	71308-8421	71308-8420	71308-8520						
22									
24									
26	71308-8426								
28									
30									
32									
34									
36									
38									
40									
42									
44									
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64									
66									
68									
70									
72									
74									
76									
78									
80									

PARTS ON THIS SHEET HAVE
SHORT PEGS WITH
A MATING HEIGHT OF 8.13

8.13

1.40



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	1:1	EC NO: 708027 DRWN: DANUSA 2021/11/19 CHK'D: DANUSA 2022/05/25 APPR: MRAMAKRISHNA 2022/06/16 INITIAL REVISION: DRWN: KSAMIEC 2017/09/07 APPR: FSMITH 2018/07/03			CGRID HEADER ASSY VERTICAL DUAL ROW SMT		
GENERAL TOLERANCES (UNLESS SPECIFIED)					PRODUCT CUSTOMER DRAWING		
ANGULAR TOL	± °				DOCUMENT NUMBER		
4 PLACES	±				713080000-SD		
3 PLACES	±				PSD 000 A8		
2 PLACES	± 0.13	MATERIAL NUMBER			CUSTOMER		
1 PLACE	± 0.25	THIRD ANGLE PROJECTION			SHEET NUMBER		
0 PLACES	± 0.0	DRAWING			9 OF 10		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		B-SIZE		71308			

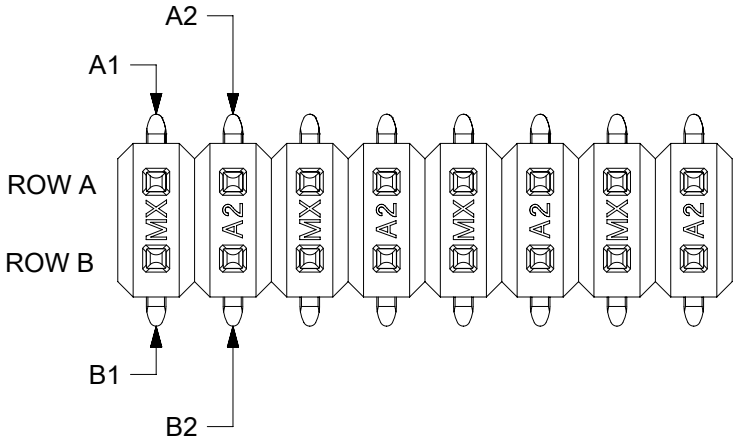
DOCUMENT STATUS

P1

RELEASE DATE

2022/06/16 10:54:29

MATERIAL NO	MADE FROM	NO OF CKTS	VOID LOCATION	PICK AND PLACE CAP	PACKAGING
71308-9210	71308-0010	10	A5	711331000	713080002-PK
71308-9010	71308-0110	10	A2	711331000	713080002-PK
71308-9032	71308-0132	32	A9	711331000	713080002-PK
71308-9110	71308-0110	10	A5	711331000	713080002-PK
71308-9014	71308-0140	14	B5	711331000	713080002-PK
71308-9310	71308-0110	10	B5	711331000	713080002-PK
71308-9311	71308-0110	10	B5	711331000	713080000-PK STYLE A
71308-9312	71308-1504	04	A1	711331000	713080000-PK STYLE A



CIRCUIT IDENTIFICATION FOR VOIDED CKT ONLY

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DIMENSION UNITS mm		SCALE 5:1		CURRENT REV DESC: EC NO: 708027 DRWN: DANUSA 2021/11/19 CHK'D: DANUSA 2022/05/25 APPR: MRAMAKRISHNA 2022/06/16 INITIAL REVISION: DRWN: KSAMIEC 2017/09/07 APPR: FSMITH 2018/07/03			molex CGRID HEADER ASSY VERTICAL DUAL ROW SMT		
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL		± °					PRODUCT CUSTOMER DRAWING		
4 PLACES		±					DOCUMENT NUMBER		
3 PLACES		±					713080000-SD		
2 PLACES		± 0.13		DOC TYPE					
1 PLACE		± 0.25		PSD					
0 PLACES		± 0.0		DOC PART					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		REVISION	
				B-SIZE		71308		A8	
MATERIAL NUMBER				CUSTOMER			SHEET NUMBER		
							10 OF 10		