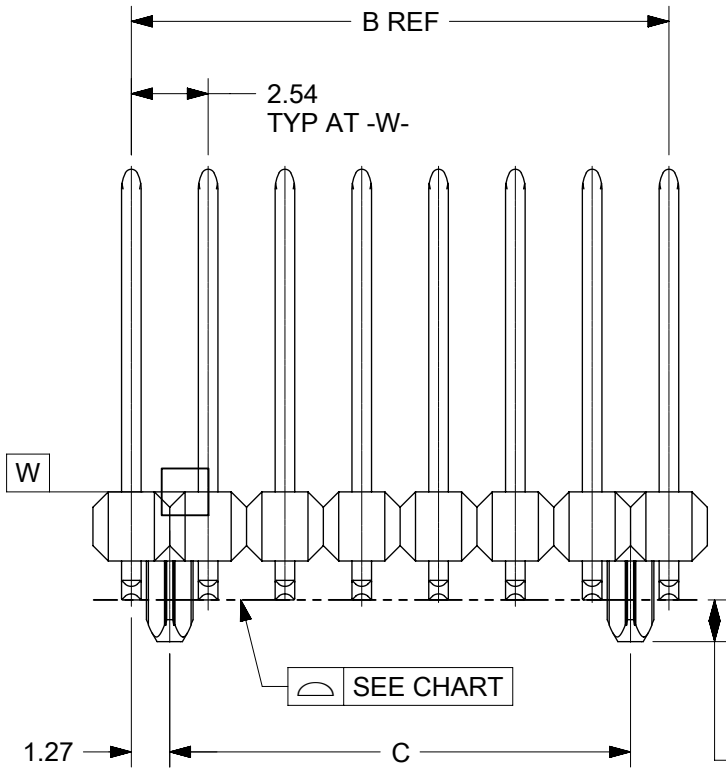
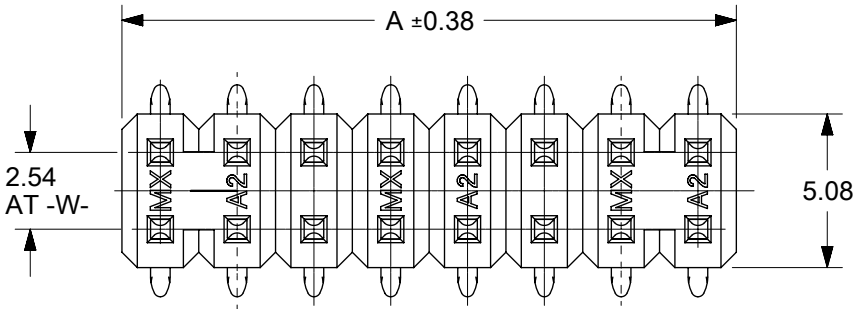
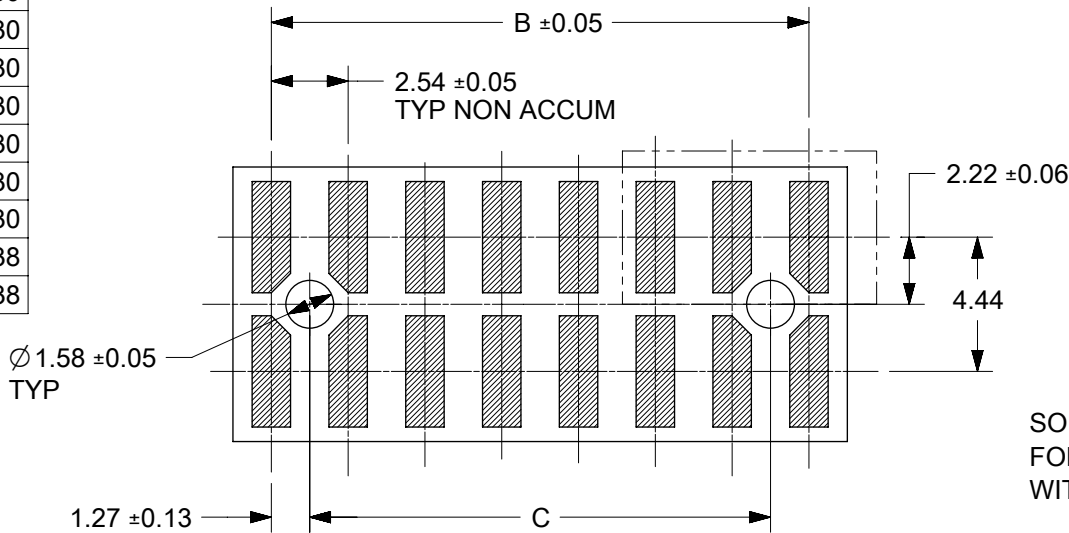


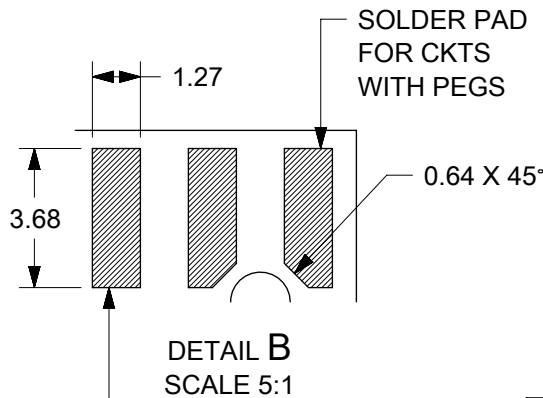
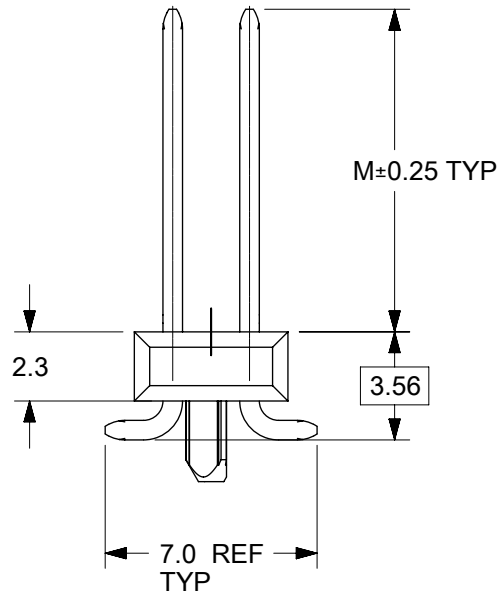
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6	7.62	5.08	2.54	0.10					
8	10.16	7.62	5.08	0.10					
10	12.70	10.16	7.62	0.10					
12	15.24	12.70	10.16	0.10					
14	17.78	15.24	12.70	0.10					
16	20.32	17.78	15.24	0.10					
18	22.86	20.32	17.78	0.10					
20	25.40	22.86	20.32	0.10					
22	27.94	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					
100	127.00	124.46	122.06	0.38					



PEG OPTIONS
NO PEG
1.40 = SHORT PEG
3.30 = LONG PEG

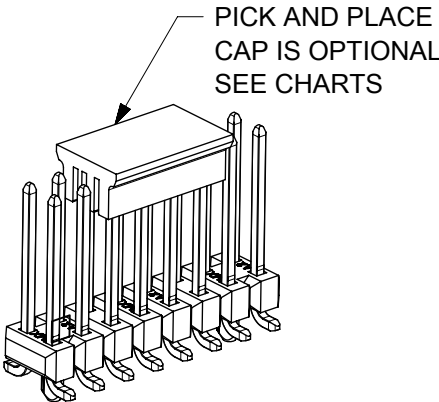


PCB LAYOUT: COMPONENT SIDE
(FOR CKT 04,06 AND 08 REFER SHEET 2)

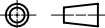


SOLDER PAD
FOR CKTS
WITHOUT PEGS

- 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

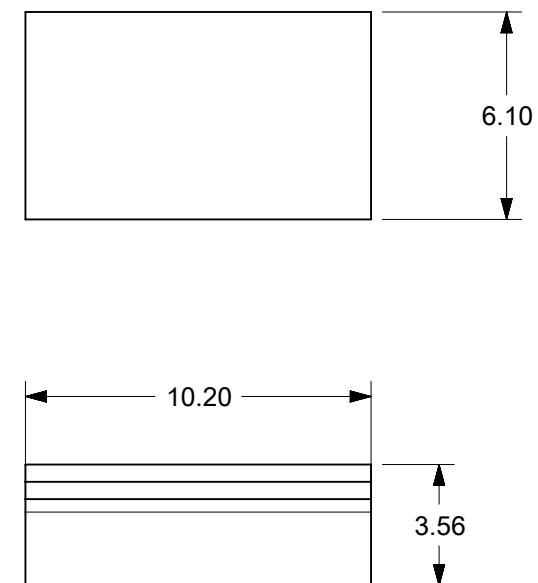
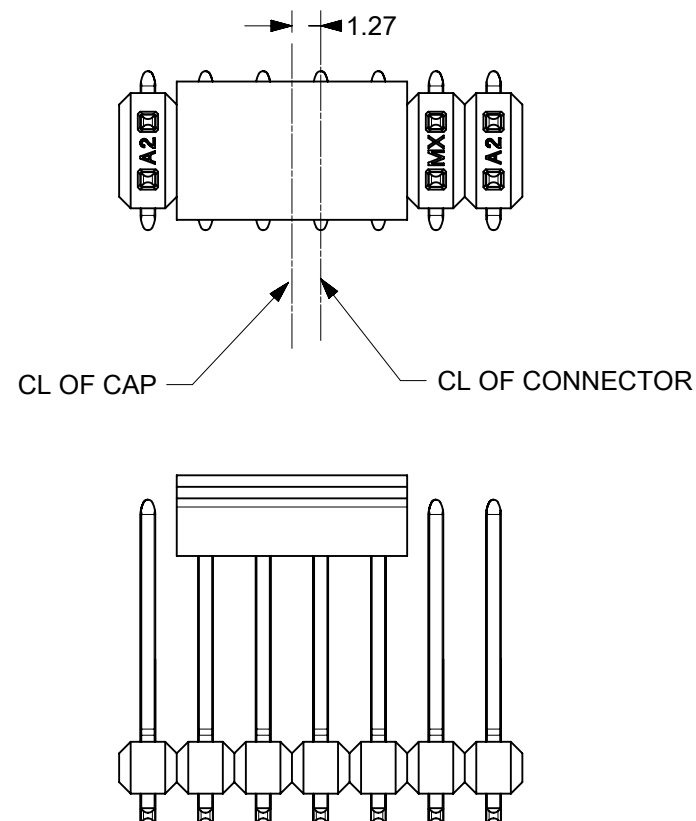
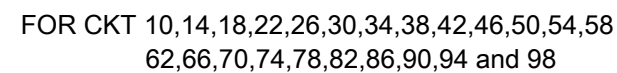
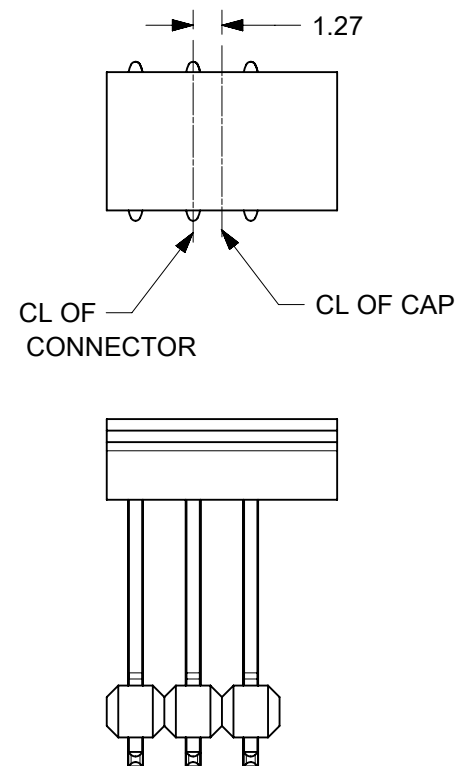


DRAWING SHEET INDEX		
SHEET NO	PEG STYLE	DIM M MATING HEIGHT
2	NONE	6.10
3	NONE	6.10
4	NONE	8.13
5	LONG	6.10
6	LONG	8.13
7	SHORT	6.10
8	SHORT	8.13
9	PARTS WITH VOIDS	

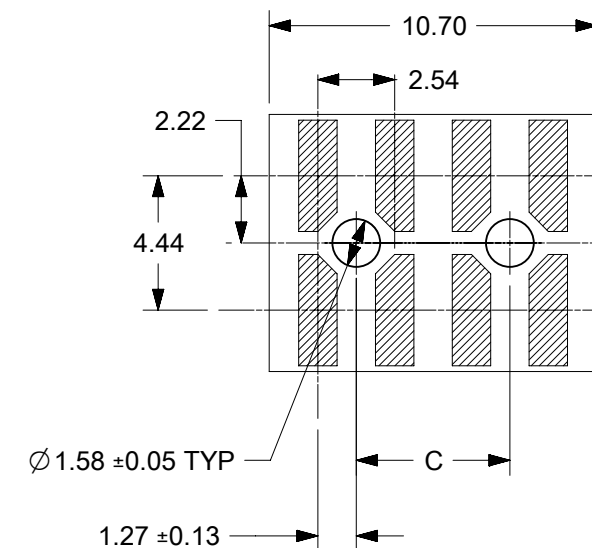
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex	
mm		3:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 708027 DRWN: DANUSA 2021/11/19 CHK'D: DANUSA 2022/05/25 APPR: MRAMAKRISHNA 2022/06/16				CGRID HEADER ASSY VERTICAL DUAL ROW SMT	
ANGULAR TOL ± °									
4 PLACES		±		INITIAL REVISION:				PRODUCT CUSTOMER DRAWING	
3 PLACES		±							
2 PLACES		± 0.13		DRWN: KSAMIEC 2017/09/07 APPR: FSMITH 2018/07/03				DOCUMENT NUMBER 713080000-SD	
1 PLACE		± 0.25							
0 PLACES		± 0.0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DOC TYPE DOC PART REVISION	
								PSD 000 A8	
THIRD ANGLE PROJECTION				DRAWING		SERIES		SHEET NUMBER	
				B-SIZE		71308		1 OF 10	

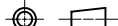
PICK AND PLACE CAP DIMENSIONS

FOR CKT 06



KEEP OUT ZONE FOR CKT 04, 06 and 08
AS CAP DIM IS LARGER THAN PART DIM



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
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						
GENERAL TOLERANCES (UNLESS SPECIFIED)								CGRID HEADER ASSY VERTICAL DUAL ROW SMT						
ANGULAR TOL ± °														
4 PLACES		±												
3 PLACES		±												
2 PLACES		± 0.13						PRODUCT CUSTOMER DRAWING						
1 PLACE		± 0.25												
0 PLACES		± 0.0												
DRAWING WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 71308		DOCUMENT NUMBER 713080000-SD		DOC TYPE PSD	DOC PART 000	REVISION A8

DOCUMENT STATUS	P1	RELEASE DATE	2022/06/16	10:54:29
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FORMAT: master-tb-prod-A3
REVISION: H
DATE: 2018/01/18

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F	PLATING:	124 - BRIGHT TIN	124 - BRIGHT TIN	124 - BRIGHT TIN	207 - 0.38 SGOLD	207 - 0.38 SGOLD	207 - 0.38 SGOLD	206 - 0.76 SGOLD	206 - 0.76 SGOLD	206 - 0.76 SGOLD									
	PACKAGING:	TUBE 713080001-PK	TUBE 713080002-PK	T&R 713080000-PK STYLE A	TUBE 713080001-PK	TUBE 713080002-PK	T&R 713080000-PK STYLE A	TUBE 713080001-PK	TUBE 713080002-PK	T&R 713080000-PK STYLE A									
	PICK AND PLACE CAPS	NO	YES	YES	NO	YES	YES	NO	YES	YES									
	CKTS:	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO									
	4	015-91-2040	NA	015-91-6040	015-91-0040	NA	015-91-6042	015-91-3040	NA	015-91-6043									
	6	015-91-2060 / 71308-9060	NA	015-91-6060	015-91-0060	NA	015-91-6062	015-91-3060 / 71308-9061	NA	015-91-6063									
E	8	015-91-2080 / 71308-9080	015-91-3087	015-91-6080	015-91-0080	015-91-3086	015-91-6082	015-91-3080	015-91-3088	015-91-6083									
	10	015-91-2100	015-91-3107	015-91-6100	015-91-0100	015-91-3106	015-91-6102	015-91-3100 / 71308-3110	015-91-3108	015-91-6103									
	12	015-91-2120	015-91-3127	015-91-6120	015-91-0120	015-91-3126	015-91-6122	015-91-3120	015-91-3128	015-91-6123									
	14	015-91-2140	015-91-3147	015-91-6140	015-91-0140 / 71308-9140	015-91-3146	015-91-6142	015-91-3140	015-91-3148	015-91-6143									
	16	015-91-2160	015-91-3167	015-91-6160	015-91-0160	015-91-3166	015-91-6162	015-91-3160	015-91-3168	015-91-6163									
	18	015-91-2180	015-91-3187		015-91-0180	015-91-3186		015-91-3180	015-91-3188										
	20	015-91-2200	015-91-3207	015-91-6200	015-91-0200 / 71308-9200	015-91-3206	015-91-6202	015-91-3200	015-91-3208	015-91-6203									
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	24	015-91-2240	015-91-3247	71308-2240	015-91-0240	015-91-3246		015-91-3240	015-91-3248										
	26	015-91-2260	015-91-3267	015-91-6260	015-91-0260	015-91-3266	015-91-6262	015-91-3260	015-91-3268										
D	28	015-91-2280	015-91-3287		015-91-0280	015-91-3286		015-91-3280	015-91-3288										
	30	015-91-2300	015-91-3307		015-91-0300	015-91-3306		015-91-3300	015-91-3308										
	32	015-91-2320	015-91-3327		015-91-0320	015-91-3326		015-91-3320	015-91-3328										
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	36	015-91-2360	015-91-3367		015-91-0360	015-91-3366		015-91-3360	015-91-3368										
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	40	015-91-2400	015-91-3407	015-91-6400	015-91-0400	015-91-3406	015-91-6402	015-91-3400	015-91-3408	015-91-6403									
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C	48	015-91-2480	015-91-3487		015-91-0480	015-91-3486		015-91-3480	015-91-3488										
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	76	015-91-2760	015-91-3767		015-91-0760	015-91-3766		015-91-3760	015-91-3768										
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	80	015-91-2800	015-91-3807		015-91-0800	015-91-3806		015-91-3800	015-91-3808										
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	DOCUMENT STATUS P1 RELEASE DATE 2022/06/16 10:54:29 9 8 7 6 5 4 3 2 1 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 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 THIRD ANGLE PROJECTION DRAWING SERIES B-SIZE 71308 molex CGRID HEADER ASSY VERTICAL DUAL ROW SMT PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER 713080000-SD DOC TYPE PSD DOC PART 000 REVISION A8 MATERIAL NUMBER CUSTOMER SHEET NUMBER 3 OF 10 6.10																		

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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		MATERIAL NO	
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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											
24		71308-2124		71308-5424				71308-5624											
26		71308-2126		71308-5426				71308-5626											
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66		71308-2166		71308-5466				71308-5666											
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72		71308-2172		71308-5472				71308-5672											
74		71308-2174		71308-5474				71308-5674											
76		71308-2176		71308-5476				71308-5676											
78		71308-2178		71308-5478				71308-5678											
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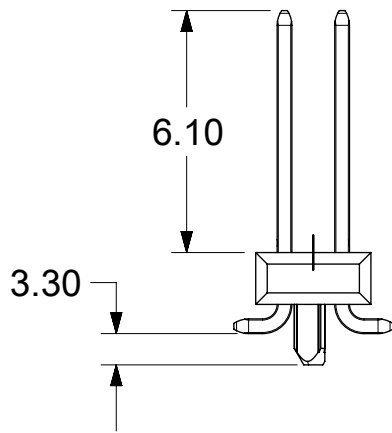
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	PICK AND PLACE CAPS	NO		YES		NO		YES		NO		YES		NO		YES		NO		
	CKTS:	MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO
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	10	71308-8010								015-91-0108				015-91-5109				71308-5810		
	12	71308-8012								015-91-0128				015-91-5129						
	14	71308-8014								015-91-0148				015-91-5149						
	16	71308-8016				71308-8017		71308-0015		015-91-0168				015-91-5169				71308-5816		
	18	71308-8018								015-91-0188				015-91-5189						
	20	71308-8020								015-91-0208				015-91-5209						
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8.13 NO PEGS DOCUMENT STATUS P1 RELEASE DATE 2022/06/16 10:54:29 9 8 7 6 5 4 3 2 1 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS SCALE mm 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 SERIES MATERIAL NUMBER CUSTOMER SHEET NUMBER moLEX CGRID HEADER ASSY VERTICAL DUAL ROW SMT PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER 713080000-SD DOC TYPE PSD DOC PART 000 REVISION A8 B-SIZE 71308 5 OF 10																				

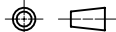
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PACKAGING:	TUBE 713080001-PK	TUBE 713080001-PK	TUBE 713080001-PK	T&R 713080000-PK STYLE C	T&R 713080000-PK STYLE C	T&R 713080000-PK STYLE C	TUBE 713080001-PK	T&R 713080000-PK STYLE C	
PICK AND PLACE CAPS	NO	NO	NO	YES	YES	YES	NO	YES	
CKTS:	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	
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8	015-91-1081	015-91-1082	015-91-1083	015-91-6084	015-91-6085	015-91-6086	71308-6408	71308-6508	
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	
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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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80	015-91-1801	015-91-1802	015-91-1803				71308-6480		
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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							
mm		1:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL		± °													
4 PLACES		±		EC NO: 708027				CGRID HEADER ASSY VERTICAL DUAL ROW SMT							
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				PRODUCT CUSTOMER DRAWING							
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						B-SIZE		71308						6 OF 10	

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	PACKAGING:		TUBE 713080003-PK		TUBE 713080003-PK		TUBE 713080003-PK		TUBE 713080003-PK																															
	PICK AND PLACE CAPS		NO		NO		NO		NO																															
E	CKTS:		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO																							
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	PARTS ON THIS SHEET HAVE LONG PEGS WITH A MATING HEIGHT OF 8.13 8.13 3.30																																							
																					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:						mo lex							
mm		1:1															
GENERAL TOLERANCES (UNLESS SPECIFIED)																	
ANGULAR TOL ± °																	
4 PLACES		±		EC NO: 708027 DRWN: DANUSA 2021/11/19 CHK'D: DANUSA 2022/05/25 APPR: MRAMAKRISHNA 2022/06/16						CGRID HEADER ASSY VERTICAL DUAL ROW SMT							
3 PLACES		±															
2 PLACES		± 0.13															
1 PLACE		± 0.25		INITIAL REVISION: DRWN: KSAMIEC 2017/09/07 APPR: FSMITH 2018/07/03						DOCUMENT NUMBER							
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
						B-SIZE		71308								7 OF 10	

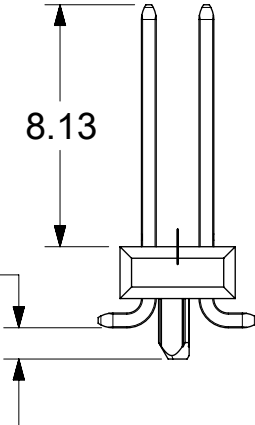
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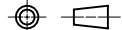
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PICK AND PLACE CAPS	YES	YES	NO						
CKTS:	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	
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6									
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PARTS ON THIS SHEET HAVE
SHORT PEGS WITH
A MATING HEIGHT OF 8.13

8.13

1.40

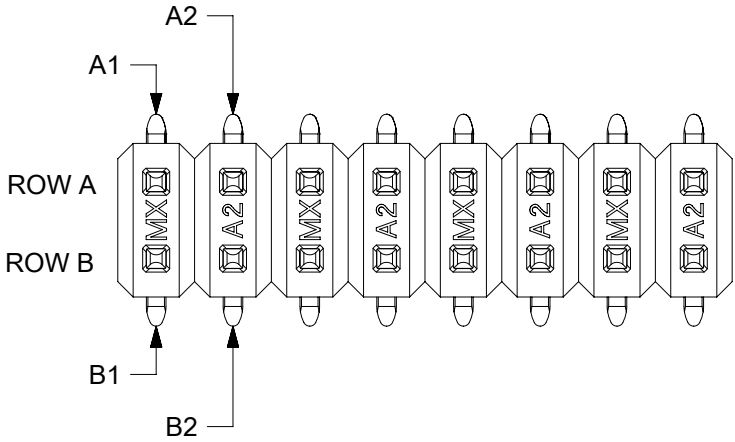


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex							
mm		1:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 708027 DRWN: DANUSA 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							
ANGULAR TOL		± °													
4 PLACES		±													
3 PLACES		±													
2 PLACES		± 0.13													
1 PLACE		± 0.25		DOCUMENT NUMBER				713080000-SD		PSD 000 A8					
0 PLACES		± 0.0													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						B-SIZE		71308						9 OF 10	

DOCUMENT STATUS	P1	RELEASE DATE	2022/06/16	10:54:29
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MATERIAL NO	MADE FROM	NO OF CKTS	VOID LOCATION	PICK AND PLACE CAP	PACKAGING
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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

DOCUMENT STATUS	P1	RELEASE DATE	2022/06/16	10:54:29
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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		5:1							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL ± °									
4 PLACES		±					EC NO: 708027 DRWN: DANUSA		