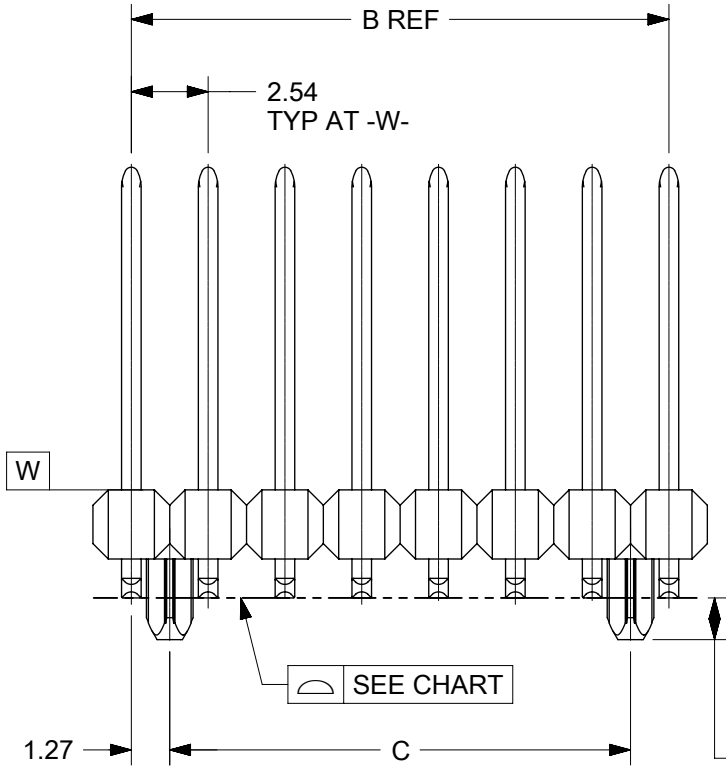
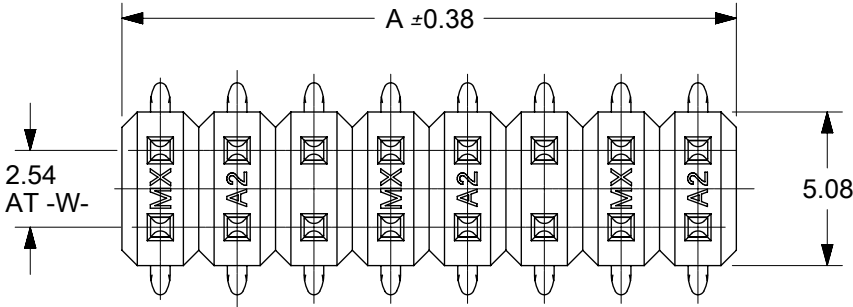
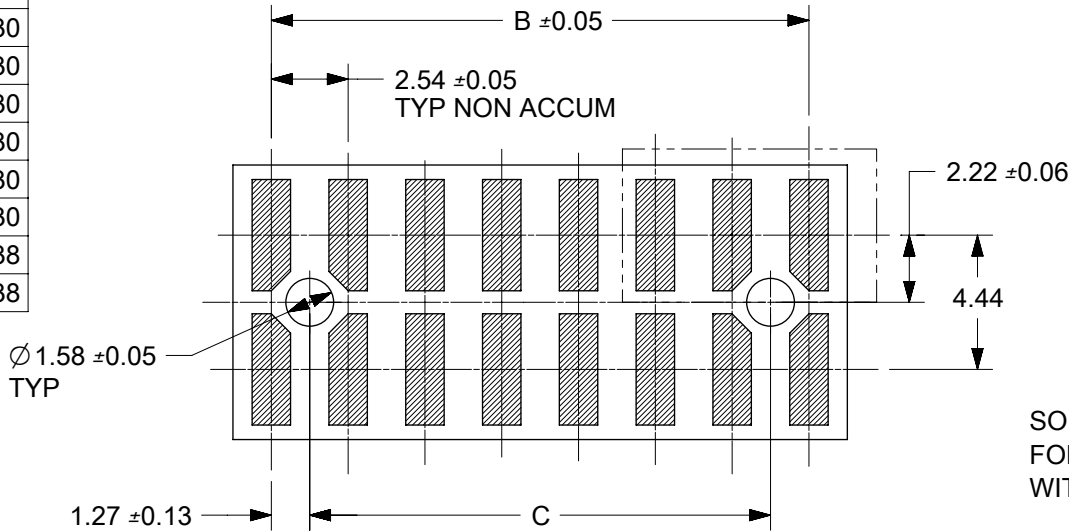


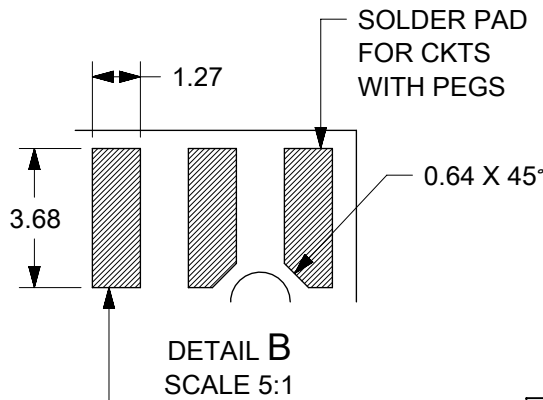
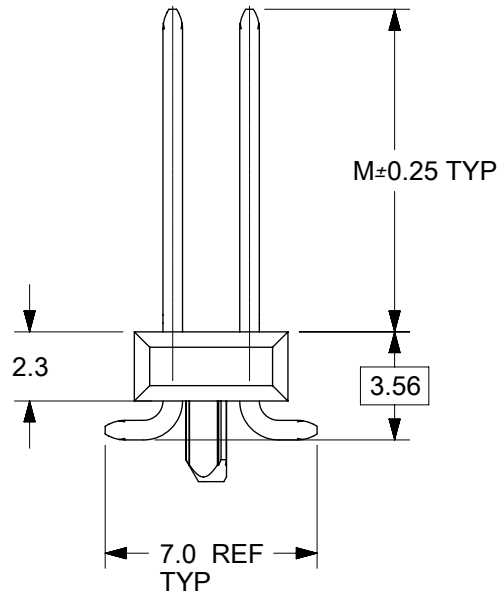
10	9	8	7	6	5	4	3	2	1
CKTS	DIM A	DIM B	DIM C						
4	5.08	2.54	NA	0.10					
6	7.62	5.08	2.54	0.10					
8	10.16	7.62	5.08	0.10					
10	12.70	10.16	7.62	0.10					
12	15.24	12.70	10.16	0.10					
14	17.78	15.24	12.70	0.10					
16	20.32	17.78	15.24	0.10					
18	22.86	20.32	17.78	0.10					
20	25.40	22.86	20.32	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

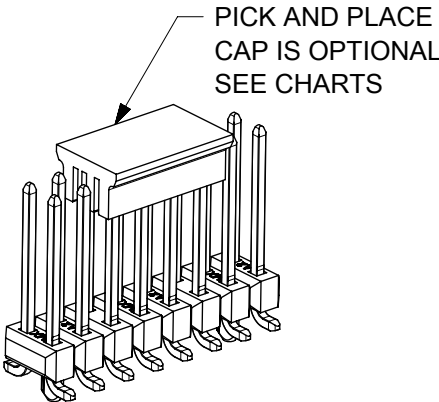


PCB LAYOUT: COMPONENT SIDE
(FOR CKT 04,06 AND 08 REFER SHEET 2)



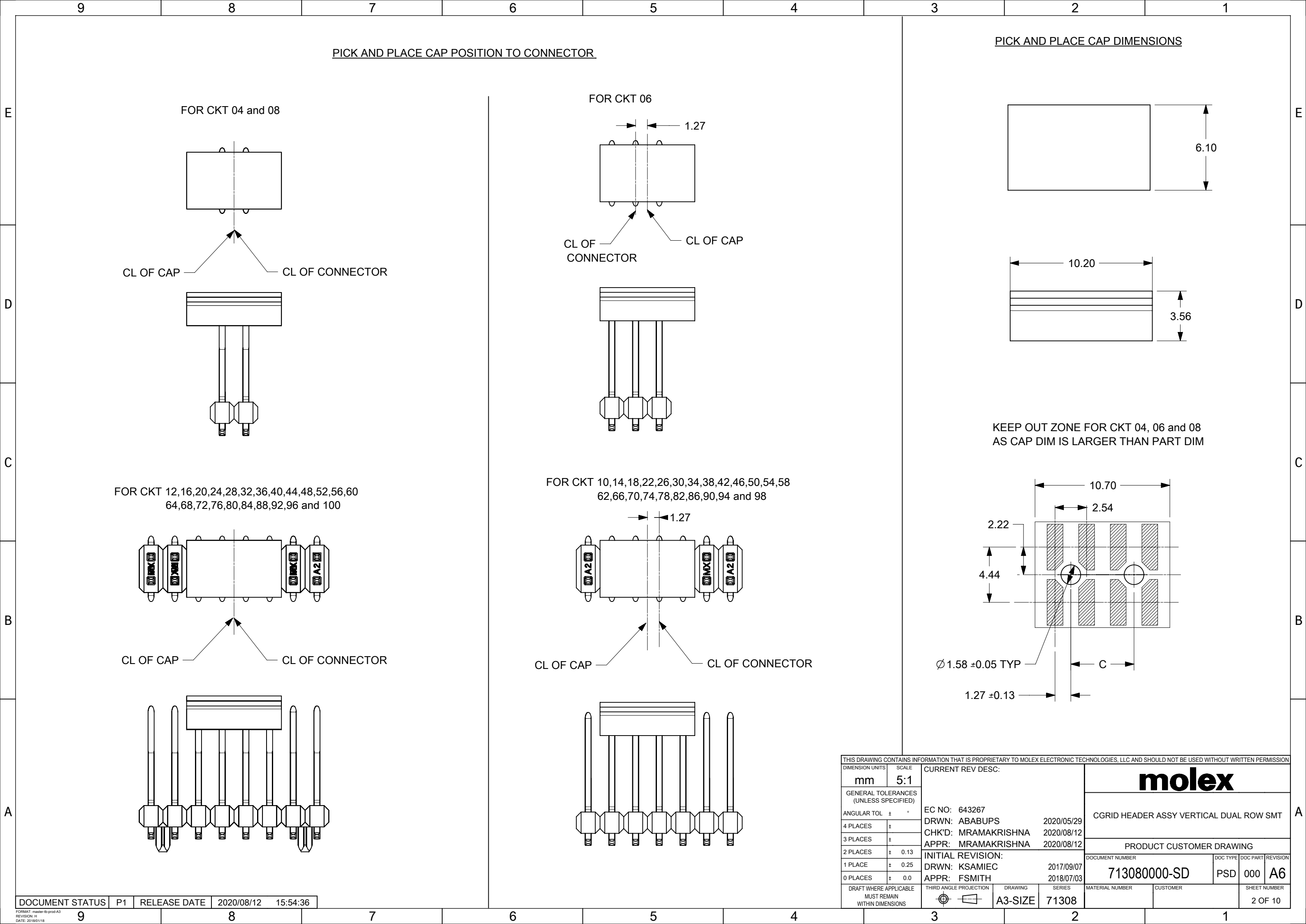
SOLDER PAD
FOR CKTS
WITHOUT PEGS

- 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)				CGRID HEADER ASSY VERTICAL DUAL ROW SMT					
ANGULAR TOL ± °									
4 PLACES		±		EC NO: 643267			PRODUCT CUSTOMER DRAWING		
3 PLACES		±		DRWN: ABABUPS					



10		9		8		7		6		5		4		3		2		1	
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			
D	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	
	22	015-91-2220		015-91-3227				015-91-0220		015-91-3226				015-91-3220		015-91-3228			
	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			
	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			
C	32	015-91-2320		015-91-3327				015-91-0320		015-91-3326				015-91-3320		015-91-3328			
	34	015-91-2340		015-91-3347				015-91-0340		015-91-3346				015-91-3340		015-91-3348			
	36	015-91-2360		015-91-3367				015-91-0360		015-91-3366				015-91-3360		015-91-3368			
	38	015-91-2380		015-91-3387				015-91-0380		015-91-3386				015-91-3380		015-91-3388			
	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	
	42	015-91-2420		015-91-3427				015-91-0420		015-91-3426				015-91-3420		015-91-3428			
B	44	015-91-2440		015-91-3447				015-91-0440		015-91-3446				015-91-3440		015-91-3448			
	46	015-91-2460		015-91-3467				015-91-0460		71308-0546				015-91-3460		015-91-3468			
	48	015-91-2480		015-91-3487				015-91-0480		015-91-3486				015-91-3480		015-91-3488			
	50	015-91-2500		015-91-3507		015-91-6500		015-91-0500		015-91-3506		015-91-6502		015-91-3500		015-91-3508		015-91-6503	
	52	015-91-2520		015-91-3527				015-91-0520		015-91-3526				015-91-3520		015-91-3528			
	54	015-91-2540		015-91-3547				015-91-0540		015-91-3546				015-91-3540		015-91-3548			
A	56	015-91-2560		015-91-3567				015-91-0560		015-91-3566				015-91-3560		015-91-3568			
	58	015-91-2580		015-91-3587				015-91-0580		015-91-3586				015-91-3580		015-91-3588			
	60	015-91-2600		015-91-3607				015-91-0600		015-91-3606				015-91-3600		015-91-3608			
	62	015-91-2620		015-91-3627				015-91-0620		015-91-3626				015-91-3620		015-91-3628			
	64	015-91-2640		015-91-3647				015-91-0640		015-91-3646				015-91-3640		015-91-3648			
	66	015-91-2660		015-91-3667				015-91-0660		015-91-3666				015-91-3660		015-91-3668			
A	68	015-91-2680		015-91-3687				015-91-0680		015-91-3686				015-91-3680		015-91-3688			
	70	015-91-2700		015-91-3707				015-91-0700		015-91-3706				015-91-3700		015-91-3708			
	72	015-91-2720		015-91-3727				015-91-0720		015-91-3726				015-91-3720		015-91-3728			
	74	015-91-2740		015-91-3747				015-91-0740		015-91-3746				015-91-3740		015-91-3748			

10		9		8		7		6		5		4		3		2		1	
PLATING:		197 - REFLOW TIN		118 - BRIGHT TIN		118 - BRIGHT TIN		118 - BRIGHT TIN											
PACKAGING:		TUBE 713080001-PK		TUBE 713080001-PK		T&R 713080000-PK STYLE A		TUBE 713080002-PK											
PICK AND PLACE CAPS		NO		NO		YES		YES											
CKTS:		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO		MATERIAL NO			
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											
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											
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											
28		71308-2128		71308-5428				71308-5628											
30		71308-2130		71308-5430				71308-5630											
32		71308-2132		71308-5432				71308-5632											
34		71308-2134		71308-5434				71308-5634											
36		71308-2136		71308-5436				71308-5636											
38		71308-2138		71308-5438				71308-5638											
40		71308-2140		71308-5440		71308-5540		71308-5640											
42		71308-2142		71308-5442				71308-5642											
44		71308-2144		71308-5444				71308-5644											
46		71308-2146		71308-5446				71308-5646											
48		71308-2148		71308-5448				71308-5648											
50		71308-2150		71308-5450		71308-5550		71308-5650											
52		71308-2152		71308-5452				71308-5652											
54		71308-2154		71308-5454				71308-5654											
56		71308-2156		71308-5456				71308-5656											
58		71308-2158		71308-5458				71308-5658											
60		71308-2160		71308-5460				71308-5660											
62		71308-2162		71308-5462				71308-5662											
64		71308-2164		71308-5464				71308-5664											
66		71308-2166		71308-5466				71308-5666											
68		71308-2168		71308-5468				71308-5668											
70		71308-2170		71308-5470				71308-5670											
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											
80		71308-2180		71308-5480				71308-5680											
100				71308-5500				71308-5700											

<

10		9		8		7		6		5		4		3		2		1	
PLATING:		124 - BRIGHT TIN		124 - BRIGHT TIN		197 - REFLOW TIN		197 - REFLOW TIN		207 - 0.38 SGOLD		207 - 0.38 SGOLD		206 - 0.76 SGOLD		118 - BRIGHT TIN		118 - BRIGHT TIN	
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	
4		71308-8004								015-91-0048				015-91-5049					
6		71308-8006								015-91-0068				015-91-5069					
8		71308-8008								015-91-0088		A2 71308-6908		015-91-5089					
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					
22		71308-8022								015-91-0228				015-91-5229					
24		71308-8024		71308-8124						015-91-0248				015-91-5249		71308-5724		71308-5824	
26		71308-8026								015-91-0268				015-91-5269					
28		71308-8028								015-91-0288				015-91-5289					
30		71308-8030								015-91-0308				015-91-5309					
32		71308-8032																	
34		71308-8034								015-91-0348				015-91-5349					
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38		71308-8038								015-91-0388				015-91-5389					
40		71308-8040								015-91-0408				015-91-5409					
42		71308-8042								015-91-0428				015-91-5429					
44		71308-8044								015-91-0448				015-91-5449					
46		71308-8046								015-91-0468				015-91-5469					
48		71308-8048								015-91-0488				015-91-5489					
50		71308-8050								015-91-0508				015-91-5509					
52		71308-8052								015-91-0528				015-91-5529					
54		71308-8054								015-91-0548				015-91-5549					
56		71308-8056								015-91-0568				015-91-5569					
58		71308-8058								015-91-0588				015-91-5589					
60		71308-8060								015-91-0608				015-91-5609					
62		71308-8062								015-91-0628				015-91-5629					
64		71308-8064								015-91-0648				015-91-5649					
66		71308-8066								015-91-0668				015-91-5669					
68		71308-8068								015-91-0688				015-91-5689					
70		71308-8070								015-91-0708				015-91-5709					
72		71308-8072								015-91-0728				015-91-5729					
74		71308-8074								015-91-0748				015-91-5749					
76		71308-8076								015-91-0768				015-91-5769					
78		71308-8078								015-91-0788				015-91-5789					
80		71308-8080								015-91-0808				015-91-5809					
100										71308-1200				71308-1300					

8.13

NO PEGS

PARTS ON THIS SHEET ARE
WITHOUT PEGS
WITH A MATING HEIGHT OF 8.13

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											
mm		1:1																	
GENERAL TOLERANCES (UNLESS SPECIFIED)																			
ANGULAR TOL ± °																			
4 PLACES		±		EC NO: 643267				DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION			
3 PLACES		±		DRWN: ABABUPS 2020/05/29															
2 PLACES		± 0.13		CHK'D: MRAMAKRISHNA 2020/08/12															
1 PLACE		± 0.25		APPR: MRAMAKRISHNA 2020/08/12				INITIAL REVISION:				713080000-SD		PSD		000		A6	
0 PLACES		± 0.0		DRWN: KSAMIEC 2017/09/07				APPR: FSMITH 2018/07/03											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER					
						B-SIZE		71308						5 OF 10					

DOCUMENT STATUS	P1	RELEASE DATE	2020/08/12	15:54:36
9		8		7
9		8		7

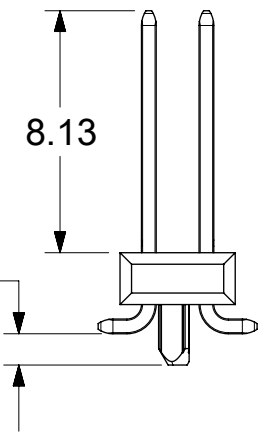
[illegible]

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 (A6)						
10									
12									
14									
16									
18									
20	71308-8421	71308-8420	71308-8520 (A6)						
22									
24									
26	71308-8426								
28									
30									
32									
34									
36									
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58									
60									
62									
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



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DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex CGRID HEADER ASSY VERTICAL DUAL ROW SMT PRODUCT CUSTOMER DRAWING											
mm		1:1																	
GENERAL TOLERANCES (UNLESS SPECIFIED)																			
ANGULAR TOL		± °																	
4 PLACES		±		EC NO: 643267				DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION			
3 PLACES		±		DRWN: ABABUPS 2020/05/29															
2 PLACES		± 0.13		CHK'D: MRAMAKRISHNA 2020/08/12															
1 PLACE		± 0.25		APPR: MRAMAKRISHNA 2020/08/12				INITIAL REVISION:				713080000-SD		PSD		000		A6	
0 PLACES		± 0.0						DRWN: KSAMIEC 2017/09/07											
								APPR: FSMITH 2018/07/03				MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES										9 OF 10	
						B-SIZE		71308											

DOCUMENT STATUS

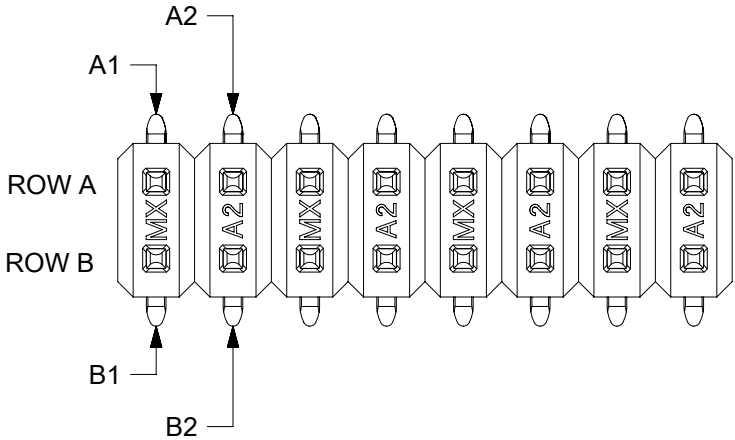
P1

RELEASE DATE

2020/08/12

15:54:36

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

DOCUMENT STATUS	P1	RELEASE DATE	2020/08/12	15:54:36
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DIMENSION UNITS	SCALE
mm	5:1
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: 643267
DRWN: ABABUPS 2020/05/29
CHK'D: MRAMAKRISHNA 2020/08/12
APPR: MRAMAKRISHNA 2020/08/12

INITIAL REVISION:
DRWN: KSAMIEC 2017/09/07
APPR: FSMITH 2018/07/03

THIRD ANGLE PROJECTION

DRAWING

B-SIZE

SERIES

71308

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CGRID HEADER ASSY VERTICAL DUAL ROW SMT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
713080000-SD	PSD	000	A6

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
		10 OF 10

FORMAT: master-b-prod-B
REVISION: H
DATE: 2018/01/18

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