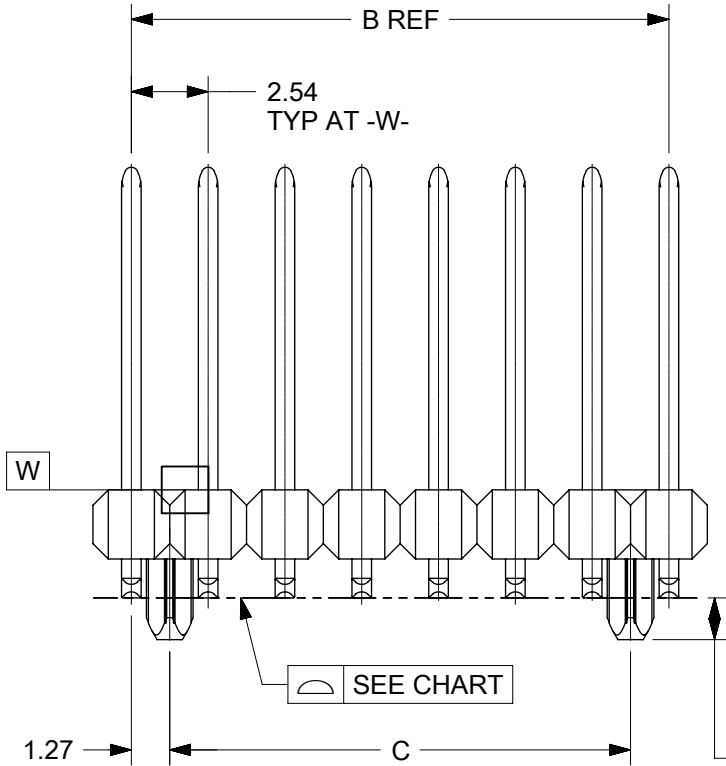
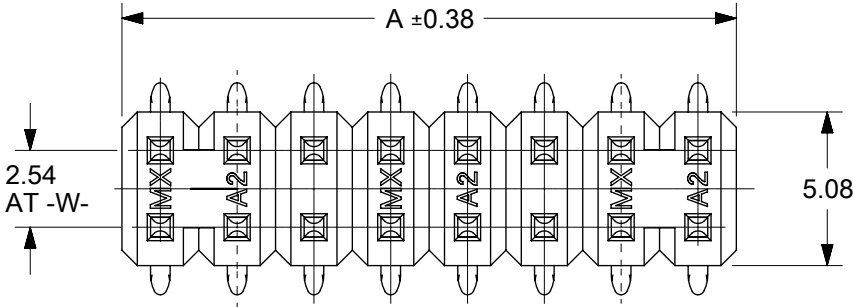
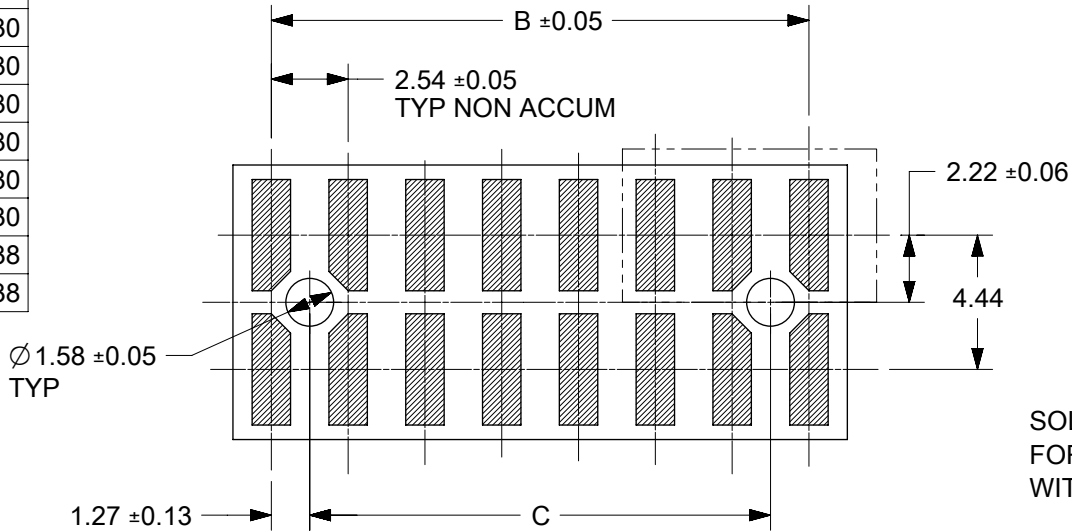


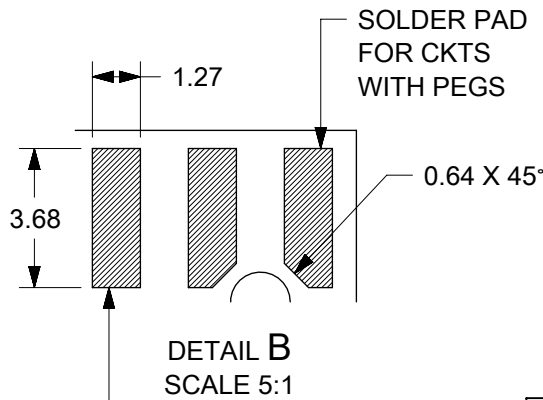
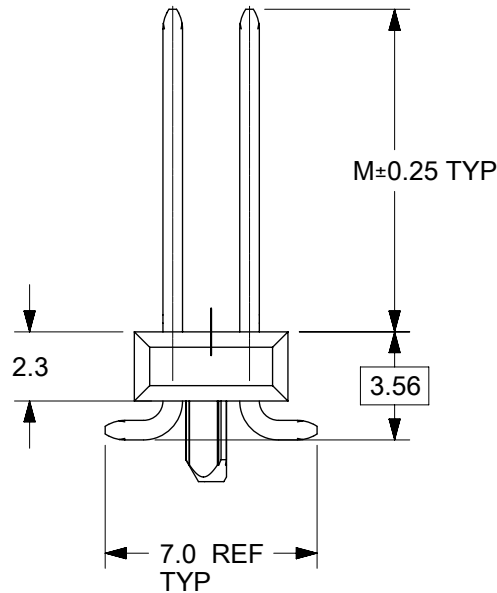
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CKTS	DIM A	DIM B	DIM C						
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6	7.62	5.08	2.54	0.10					
8	10.16	7.62	5.08	0.10					
10	12.70	10.16	7.62	0.10					
12	15.24	12.70	10.16	0.10					
14	17.78	15.24	12.70	0.10					
16	20.32	17.78	15.24	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					
100	127.00	124.46	122.06	0.38					



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

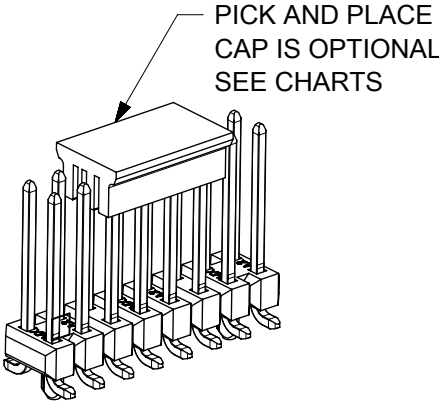


PCB LAYOUT: COMPONENT SIDE
(FOR CKT 04,06 AND 08 REFER SHEET 2)



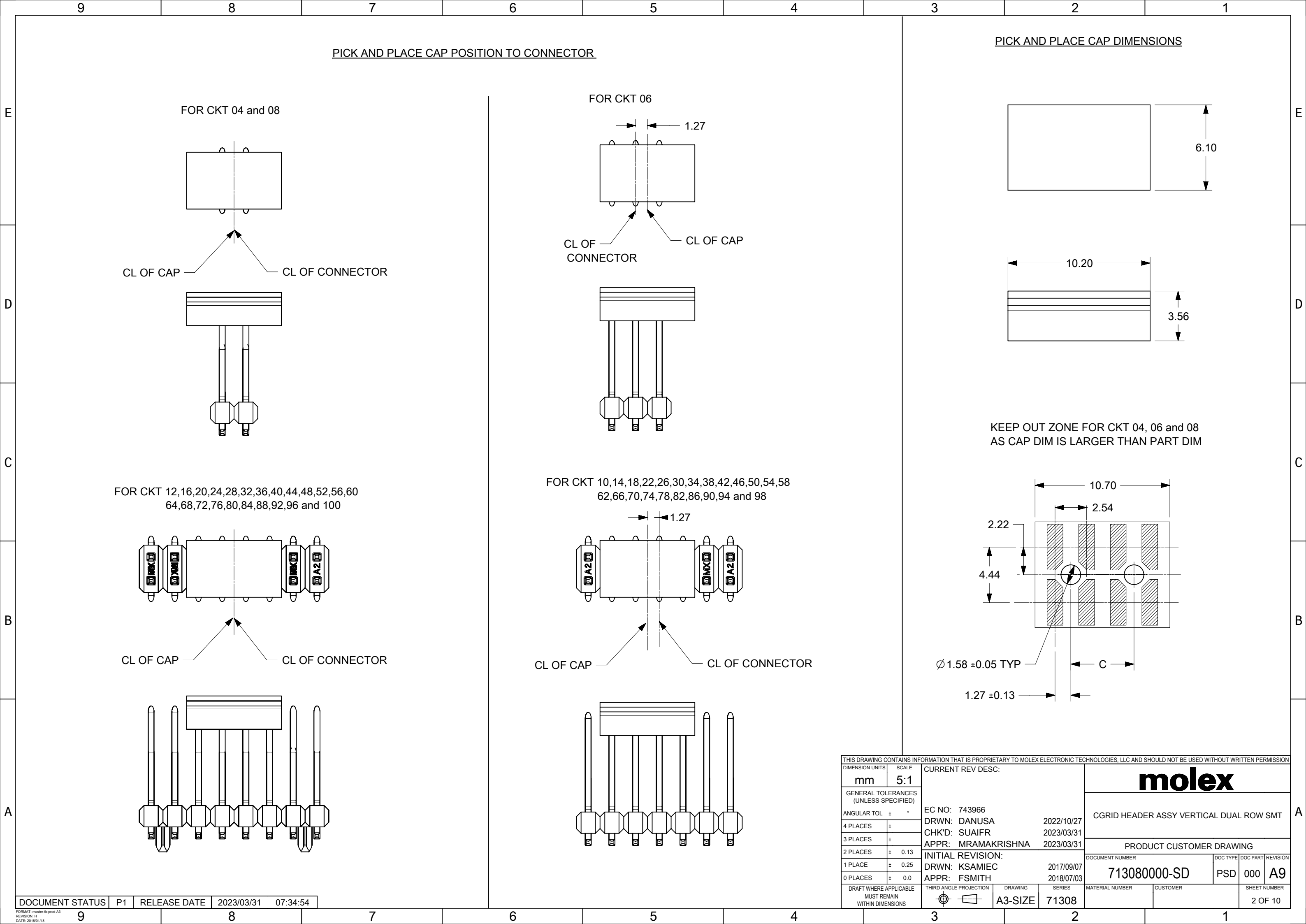
SOLDER PAD
FOR CKTS
WITHOUT PEGS

- 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: 743966 DRWN: DANUSA 2022/10/27 CHK'D: SUAIFR 2023/03/31 APPR: MRAMAKRISHNA 2023/03/31						
ANGULAR TOL ± °									
4 PLACES		±	PRODUCT CUSTOMER DRAWING						
3 PLACES		±							
2 PLACES		± 0.13	DOCUMENT NUMBER 713080000-SD						
1 PLACE		± 0.25							
0 PLACES		± 0.0	INITIAL REVISION:				DOC TYPE	DOC PART	REVISION
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION 		DRAWING B-SIZE	SERIES 71308	PSD 000 A9		
							SHEET NUMBER 1 OF 10		



10		9		8		7		6		5		4		3		2		1	
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	
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	
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			
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			
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			
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			
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			
76		015-91-2760		015-91-3767				015-91-0760		015-91-3766				015-91-3760		015-91-3768			
78		015-91-2780		015-91-3787				015-91-0780		015-91-3786				015-91-3780		015-91-3788			
80		015-91-2800		015-91-3807				015-91-0800		015-91-3806				015-91-3800		015-91-3808			
90								71308-0190											
100		71308-0101		71308-0500				71308-0200		71308-0600				71308-0300		71308-0700			

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

THIRD ANGLE PROJECTION

DRAWING

SERIES

CURRENT REV DESC:

EC NO: 743966

DRWN: DANUSA

CHK'D: SUAIFR

APPR: MRAMAKRISHNA

INITIAL REVISION:

DRWN: KSAMIEC

APPR: FSMITH

DOCUMENT NUMBER

713080000-SD

DOC TYPE

PSD

DOC PART

000

REVISION

A9

PRODUCT CUSTOMER DRAWING

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

3 OF 10

2022/10/27

2023/03/31

2023/03/31

2017/09/07

2018/07/03

B-SIZE

71308

6.10

NO PEGS

DOCUMENT STATUS

P1

RELEASE DATE

2023/03/31

07:34:54

9

8

7

6

5

4

3

2

1

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	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	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			
36	71308-8036				015-91-0368		015-91-5369			
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			
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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			

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

8.13

NO PEGS

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: 743966 DRWN: DANUSA 2022/10/27 CHK'D: SUAIFR 2023/03/31 APPR: MRAMAKRISHNA 2023/03/31		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		PRODUCT CUSTOMER DRAWING							
0 PLACES	± 0.0										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	DOCUMENT NUMBER	DOC TYPE	DOC PART					
		B-SIZE	71308	713080000-SD	PSD	000					
				MATERIAL NUMBER	CUSTOMER						
						REVISION					
						A9					
						SHEET NUMBER					
						5 OF 10					

DOCUMENT STATUS

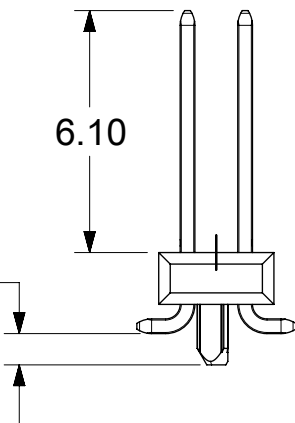
P1

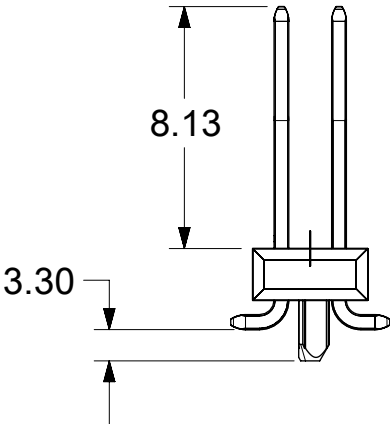
RELEASE DATE

2023/03/31

07:34:54

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F	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																																																																																																																																															
	4	015-91-1041		015-91-1042		015-91-1043		015-91-6044		015-91-6045		015-91-6046		71308-6404		71308-6504																																																																																																																																															
	6	015-91-1061		015-91-1062		015-91-1063		015-91-6064		015-91-6065		015-91-6066		71308-6406		71308-6506																																																																																																																																															
	8	015-91-1081		015-91-1082		015-91-1083		015-91-6084		015-91-6085		015-91-6086		71308-6408		71308-6508																																																																																																																																															
E	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																																																																																																																																															
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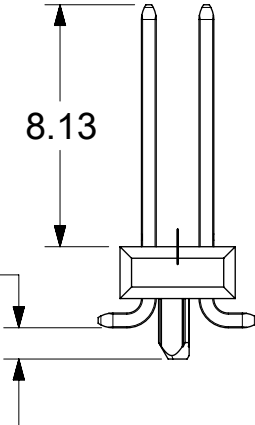
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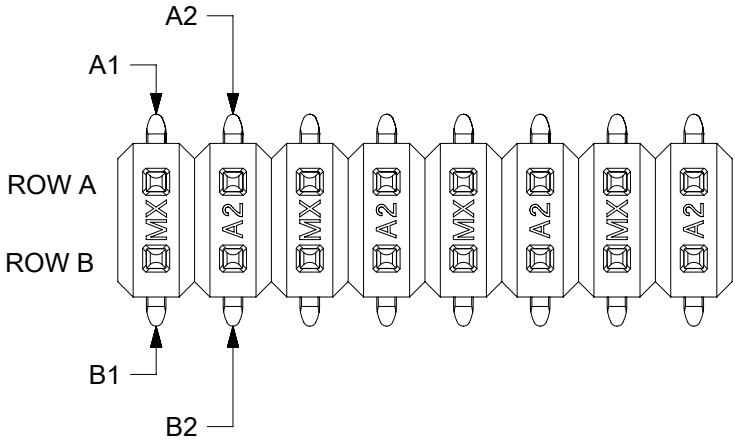


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GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 743966 DRWN: DANUSA 2022/10/27 CHK'D: SUAIFR 2023/03/31 APPR: MRAMAKRISHNA 2023/03/31 INITIAL REVISION: DRWN: KSAMIEC 2017/09/07 APPR: FSMITH 2018/07/03				CGRID HEADER ASSY VERTICAL DUAL ROW SMT									
ANGULAR TOL		± °															
4 PLACES		±															
3 PLACES		±															
2 PLACES		± 0.13															
1 PLACE		± 0.25		PRODUCT CUSTOMER DRAWING				DOCUMENT NUMBER 713080000-SD				DOC TYPE PSD		DOC PART 000		REVISION A9	
0 PLACES		± 0.0															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING B-SIZE		SERIES 71308		MATERIAL NUMBER		CUSTOMER				SHEET NUMBER 9 OF 10	

DOCUMENT STATUS	P1	RELEASE DATE	2023/03/31	07:34:54
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9	8	7	6	5	4	3	2	1
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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	2023/03/31	07:34:54
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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
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: 743966
DRWN: DANUSA 2022/10/27
CHK'D: SUAIFR 2023/03/31
APPR: MRAMAKRISHNA 2023/03/31

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

THIRD ANGLE PROJECTION

DRAWING

SERIES

B-SIZE71308

molex

CGRID HEADER ASSY VERTICAL DUAL ROW SMT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
713080000-SD	PSD	000	A9

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

10 OF 10