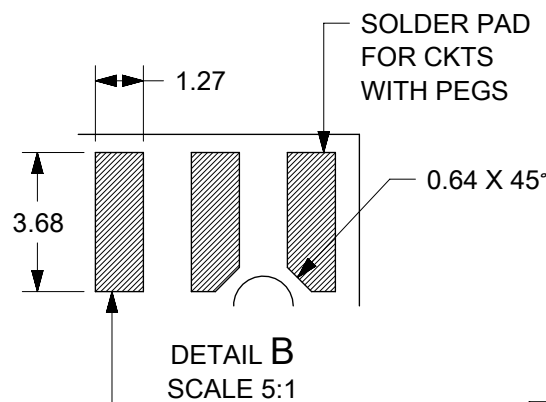
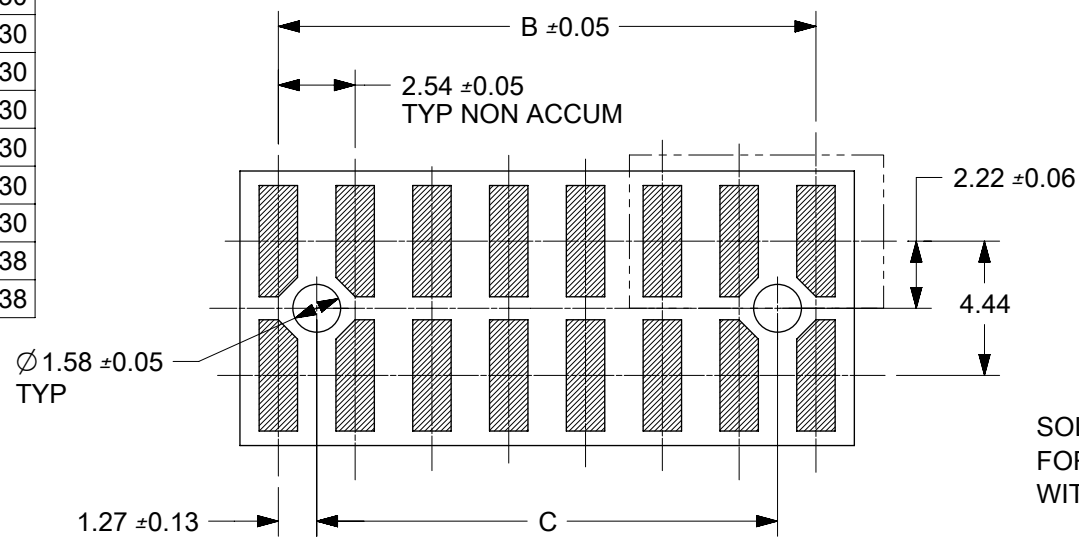
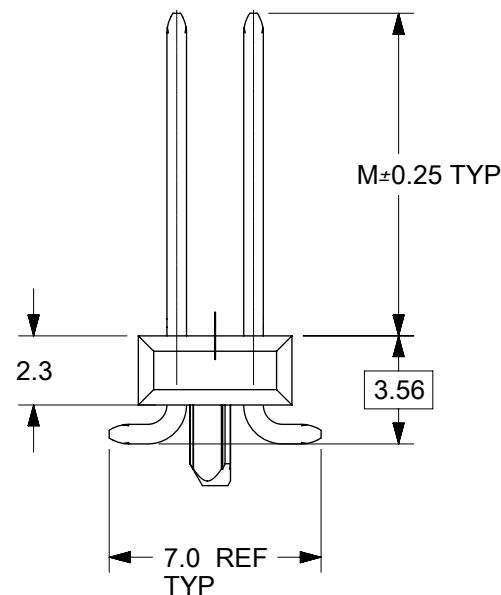
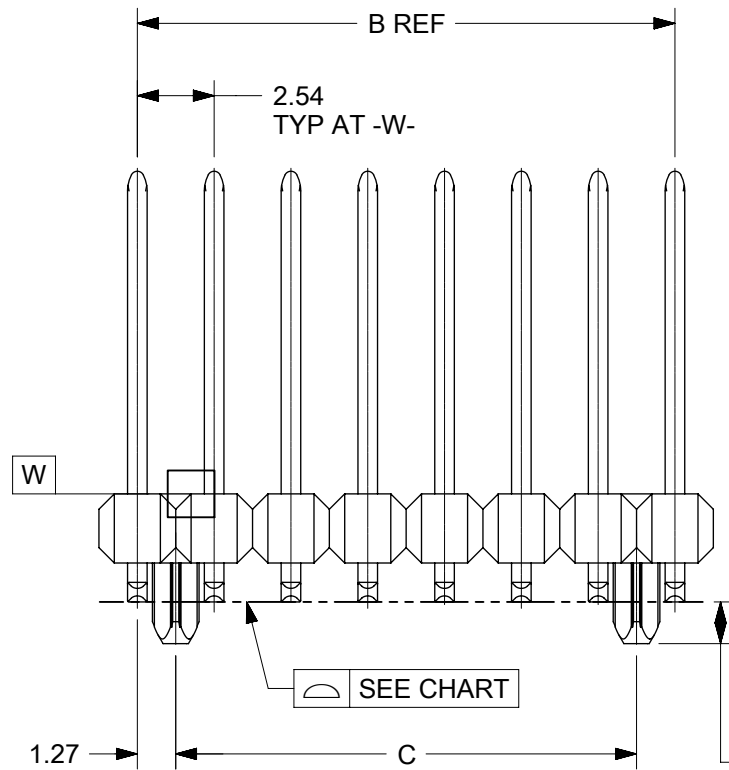
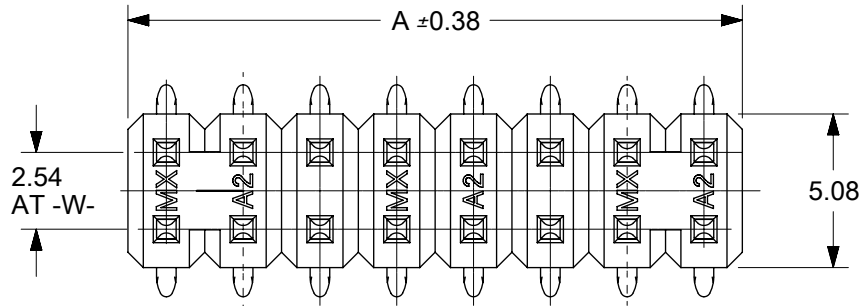


CKTS	DIM A	DIM B	DIM C	$\bigcup$
4	5.08	2.54	NA	0.10
6	7.62	5.08	2.54	0.10
8	10.16	7.62	5.08	0.10
10	12.70	10.16	7.62	0.10
12	15.24	12.70	10.16	0.10
14	17.78	15.24	12.70	0.10
16	20.32	17.78	15.24	0.10
18	22.86	20.32	17.78	0.10
20	25.40	22.86	20.32	0.10
22	27.94	25.40	22.86	0.15
24	30.48	27.94	25.40	0.15
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

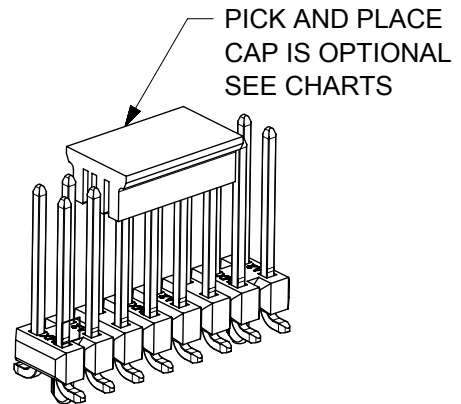


SOLDER PAD —
FOR CKTS
WITHOUT PEGS

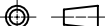
PCB LAYOUT: COMPONENT SIDE
(FOR CKT 04,06 AND 08 REFER SHEET 2)

NOTES:

1. HOUSING MATERIAL: LCP, UL 94V-0 COLOR: BLACK
PIN MATERIAL: COPPER ALLOY
2. 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
3. PRODUCT SPECIFICATION: PS-71308
4. PACKAGING SPECIFICATION: SEE CHART
5. COSMETIC SPECIFICATION: PS-45499-002 CLASS B
6. SOLDERABILITY SPECIFICATION: SMES-152

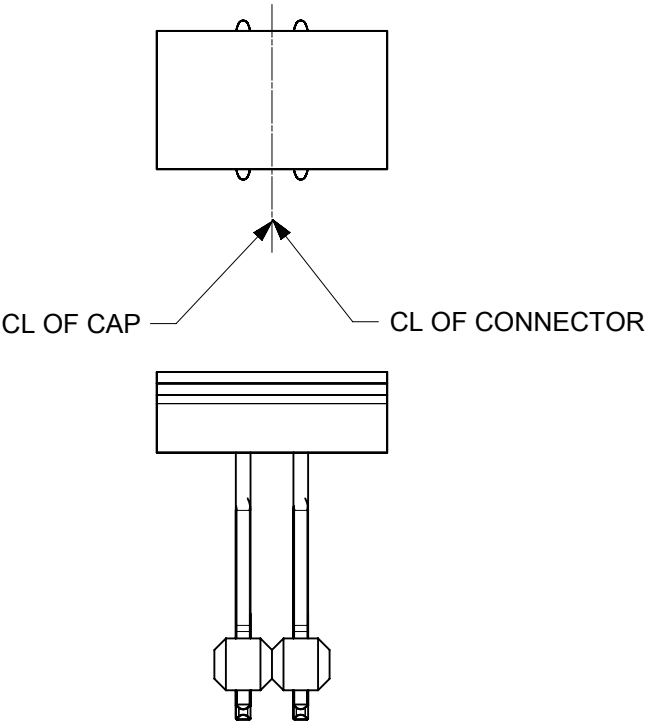


DRAWING SHEET INDEX		
SHEET NO	PEG STYLE	DIM M MATING HEIGHT
2	NONE	6.10
3	NONE	6.10
4	NONE	8.13
5	LONG	6.10
6	LONG	8.13
7	SHORT	6.10
8	SHORT	8.13
9	PARTS WITH VOIDS	

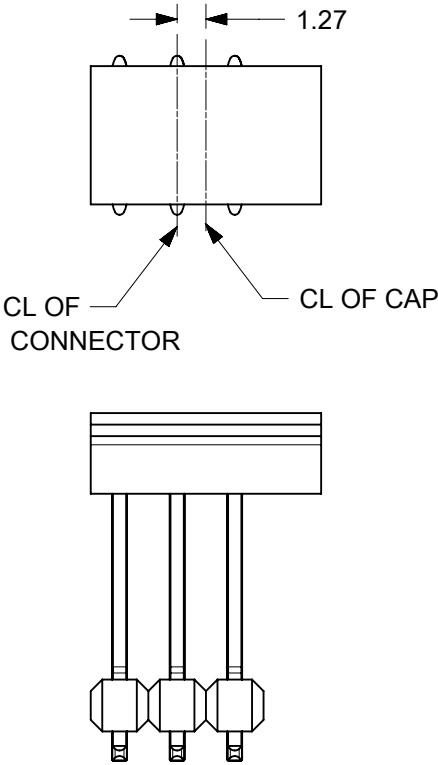
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
DIMENSION UNITS mm		SCALE 3:1		CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN#515979			molex						
GENERAL TOLERANCES (UNLESS SPECIFIED)													
ANGULAR TOL ± °							CGRID HEADER ASSY VERTICAL DUAL ROW SMT						
4 PLACES		±		EC NO: 823502 DRWN: PONNAM 2025/05/15 CHK'D: GGA 2025/07/02 APPR: GGA 2025/07/02			PRODUCT CUSTOMER DRAWING						
3 PLACES		±											
2 PLACES		± 0.13											
1 PLACE		± 0.25		INITIAL REVISION: DRWN: KSAMIEC 2017/09/07 APPR: FSMITH 2018/07/03			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
0 PLACES		± 0.0					713080000-SD		PSD	000	A10		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 		DRAWING B-SIZE		SERIES 71308		MATERIAL NUMBER SEE TABLE		CUSTOMER		SHEET NUMBER 1 OF 10	

PICK AND PLACE CAP POSITION TO CONNECTOR

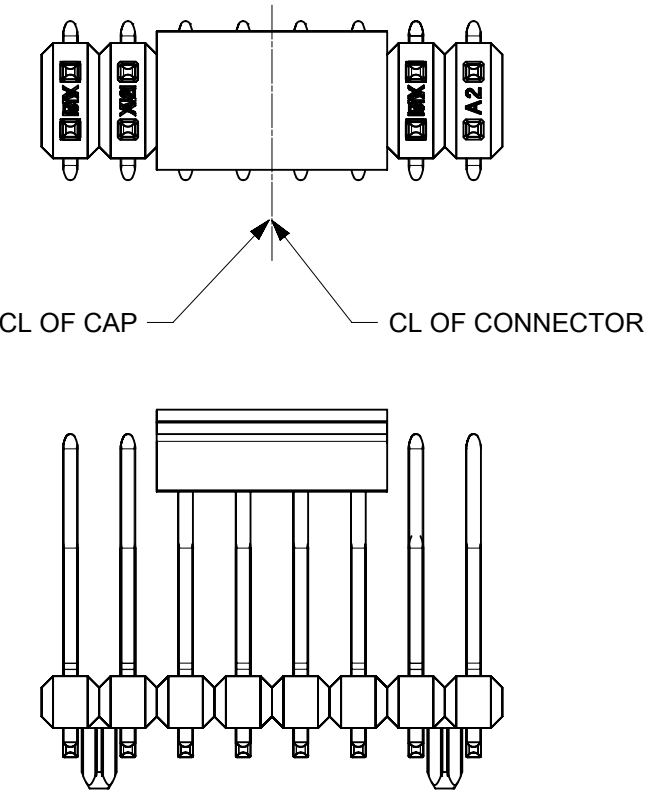
FOR CKT 04 and 08



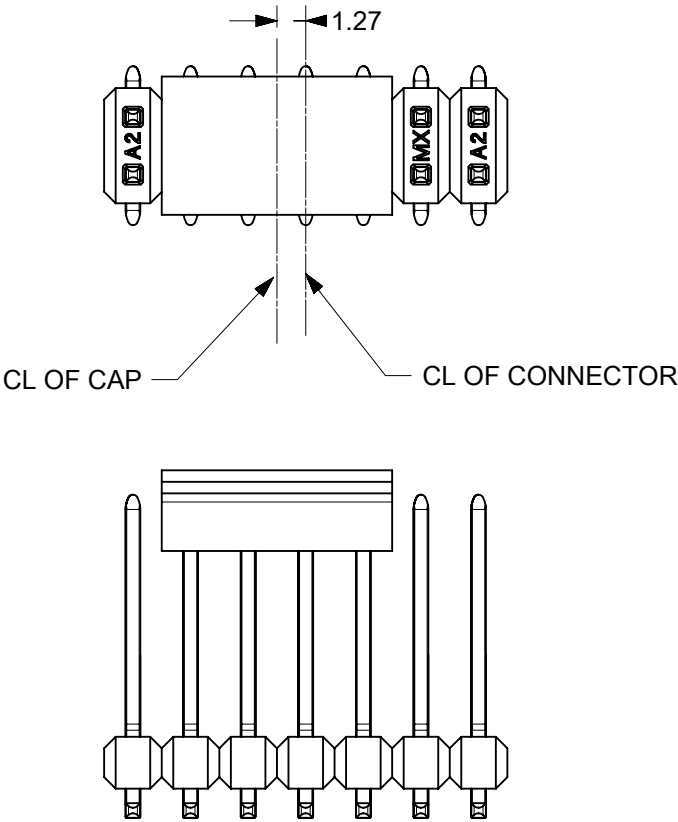
FOR CKT 06



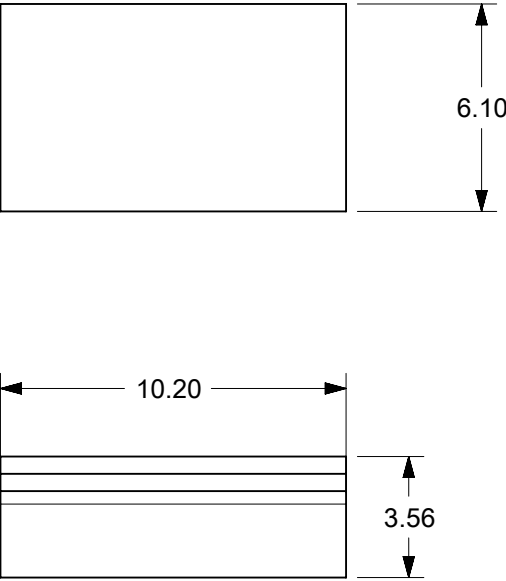
FOR CKT 12,16,20,24,28,32,36,40,44,48,52,56,60
64,68,72,76,80,84,88,92,96 and 100



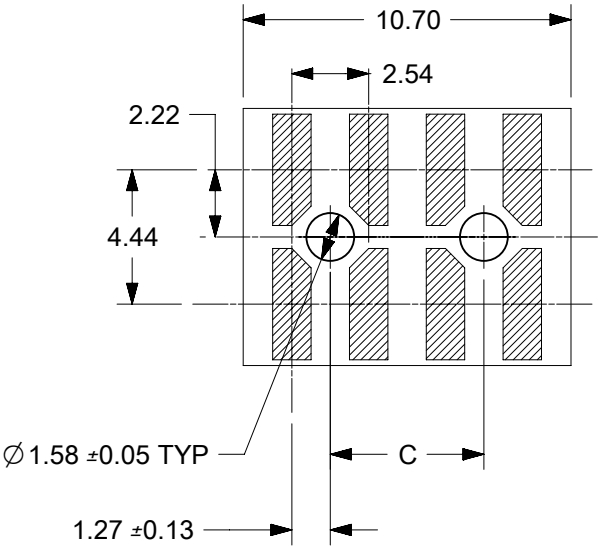
FOR CKT 10,14,18,22,26,30,34,38,42,46,50,54,58
62,66,70,74,78,82,86,90,94 and 98



PICK AND PLACE CAP DIMENSIONS



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



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DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#515979									
mm		5:1		molex									
GENERAL TOLERANCES (UNLESS SPECIFIED)													
ANGULAR TOL ± °				CGRID HEADER ASSY VERTICAL DUAL ROW SMT									
4 PLACES		±		EC NO: 823502		2025/05/15							
3 PLACES		±		DRWN: PONNAM									
2 PLACES		± 0.13		CHK'D: GGA									
1 PLACE		± 0.25		APPR: GGA		2025/07/02							
0 PLACES		± 0.0		2025/07/02		PRODUCT CUSTOMER DRAWING							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
				DRWN: KSAMIEC		713080000-SD		PSD		000		A10	
				APPR: FSMITH		2017/09/07		2018/07/03					
THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
		A3-SIZE		71308		SEE TABLE				2 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			
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				015-91-6082		015-91-3080				015-91-6083	
10		015-91-2100		015-91-3107		015-91-6100		015-91-0100				015-91-6102		015-91-3100 / 71308-3110		015-91-3108		015-91-6103	
12		015-91-2120				015-91-6120		015-91-0120				015-91-6122		015-91-3120		015-91-3128		015-91-6123	
14		015-91-2140				015-91-6140		015-91-0140 / 71308-9140				015-91-6142		015-91-3140				015-91-6143	
16		015-91-2160				015-91-6160		015-91-0160				015-91-6162		015-91-3160		015-91-3168		015-91-6163	
18		015-91-2180		015-91-3187				015-91-0180						015-91-3180		015-91-3188			
20		015-91-2200		015-91-3207		015-91-6200		015-91-0200 / 71308-9200				015-91-6202		015-91-3200				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				71308-2240		015-91-0240		015-91-3246				015-91-3240		015-91-3248			
26		015-91-2260						015-91-0260				015-91-6262		015-91-3260					
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						015-91-3300		015-91-3308			
32		015-91-2320						015-91-0320		015-91-3326				015-91-3320		015-91-3328			
34		015-91-2340						015-91-0340						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				015-91-0400						015-91-3400		015-91-3408			
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				015-91-0500						015-91-3500		015-91-3508			
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					
90								71308-0190											
100		71308-0101		71308-0500				71308-0200		71308-0600				71308-0300		71308-0700			

6.10

NO PEGS

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DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN#515979		molex CGRID HEADER ASSY VERTICAL DUAL ROW SMT									
mm		1:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)															
ANGULAR TOL ± °															
4 PLACES		±													
3 PLACES		±		EC NO: 823502 DRWN: PONNAM CHKD: GGA APPR: GGA		2025/05/15 2025/07/02 2025/07/02		PRODUCT CUSTOMER DRAWING							
2 PLACES		± 0.13						DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
1 PLACE		± 0.25						713080000-SD		PSD		000		A10	
0 PLACES		± 0.0		INITIAL REVISION:		2017/09/07 2018/07/03		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		SEE TABLE				3 OF 10			

DOCUMENT STATUS

P1

RELEASE DATE

2025/07/02

10:09:37

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8

7

6

5

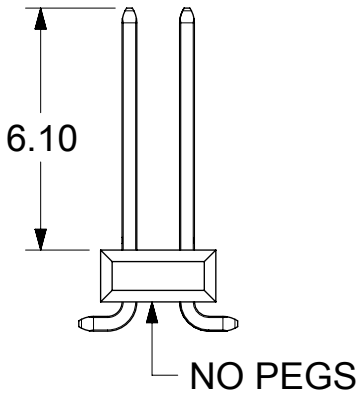
4

3

2

1

PARTS ON THIS SHEET ARE
WITHOUT PEGS
WITH 6.10 MATING LENGTH



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DIMENSION UNITS	SCALE	CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#515979			
mm	1:1				
GENERAL TOLERANCES (UNLESS SPECIFIED)					
ANGULAR TOL	± °				
4 PLACES	±	EC NO: 823502 DRWN: PONNAM CHKD: GGA APPR: GGA 2025/05/15 2025/07/02 2025/07/02			
3 PLACES	±				
2 PLACES	± 0.13				
1 PLACE	± 0.25	INITIAL REVISION: DRWN: KSAMIEC APPR: FSMITH 2017/09/07 2018/07/03			
0 PLACES	± 0.0				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING		
		B-SIZE	SERIES		
		71308	MATERIAL NUMBER		
		SEE TABLE	CUSTOMER		
			SHEET NUMBER		
			3 OF 10		

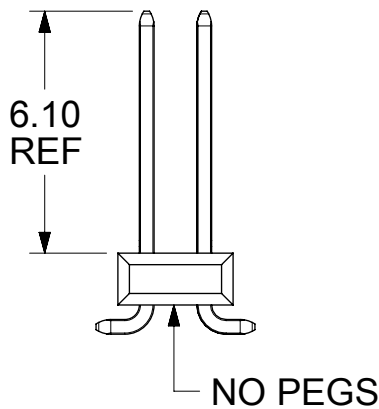
molex

CGRID HEADER ASSY VERTICAL DUAL ROW SMT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
713080000-SD	PSD	000	A10

10		9		8		7		6		5		4		3		2		1		
F	PLATING:	197 - REFLOW TIN	207 - 0.38 SGOLD	118 - BRIGHT TIN	118 - BRIGHT TIN	118 - BRIGHT TIN	197 - REFLOW TIN	197 - REFLOW TIN												
	PACKAGING:	TUBE 713080001-PK	T&R 713080000-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	YES	NO	YES	YES	YES	YES												
	CKTS:	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	
E	4	71308-2104		71308-5404		NA														
	6	71308-2106		71308-5406		NA														
	8	71308-2108		71308-5408																
	10	71308-2110	71308-3111 (A7)	71308-5410				71308-1810												
	12	71308-2112		71308-5412	71308-5512															
	14	71308-2114		71308-5414																
	16	71308-2116		71308-5416	71308-5516		71308-1561													
	18	71308-2118		71308-5418																
	20	71308-2120		71308-5420																
	22	71308-2122		71308-5422																
	24	71308-2124		71308-5424																
	26	71308-2126		71308-5426																
	28	71308-2128		71308-5428																
	30	71308-2130		71308-5430																
	32	71308-2132		71308-5432																
	D	34	71308-2134		71308-5434															
36		71308-2136		71308-5436																
38		71308-2138		71308-5438																
40		71308-2140		71308-5440																
42		71308-2142		71308-5442																
44		71308-2144		71308-5444																
46		71308-2146		71308-5446																
48		71308-2148		71308-5448																
50		71308-2150		71308-5450																
52		71308-2152		71308-5452																
54		71308-2154		71308-5454																
56		71308-2156		71308-5456																
C		58	71308-2158		71308-5458															
		60	71308-2160		71308-5460															
		62	71308-2162		71308-5462															
		64	71308-2164		71308-5464															
	66	71308-2166		71308-5466																
	68	71308-2168		71308-5468																
	70	71308-2170		71308-5470																
	72	71308-2172		71308-5472																
	74	71308-2174		71308-5474																
	76	71308-2176		71308-5476																
	78	71308-2178		71308-5478																
	80	71308-2180		71308-5480																
	100			71308-5500																



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DIMENSION UNITS mm		SCALE 1:1		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#515979		molex					
GENERAL TOLERANCES (UNLESS SPECIFIED)											
ANGULAR TOL		± °				CGRID HEADER ASSY VERTICAL DUAL ROW SMT					
4 PLACES		±									
3 PLACES		±		EC NO: 823502 DRWN: PONNAM 2025/05/15 CHK'D: GGA 2025/07/02 APPR: GGA 2025/07/02		PRODUCT CUSTOMER DRAWING					
2 PLACES		± 0.13									
1 PLACE		± 0.25		INITIAL REVISION: DRWN: KSAMIEC 2017/09/07 APPR: FSMTIH 2018/07/03		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
0 PLACES		± 0.0				713080000-SD		PSD	000	A10	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 		DRAWING B-SIZE		SERIES 71308		MATERIAL NUMBER SEE TABLE		CUSTOMER	SHEET NUMBER 4 OF 10

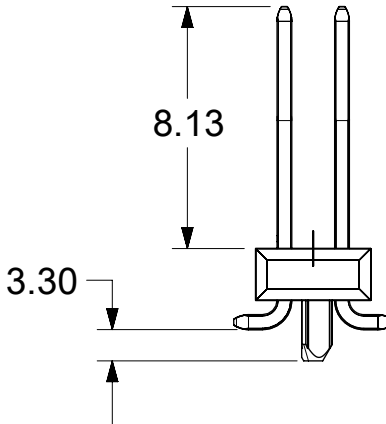
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F	PLATING:	124 - BRIGHT TIN		124 - BRIGHT TIN		197 - REFLOW TIN		197 - REFLOW TIN		207 - 0.38 SGOLD		207 - 0.38 SGOLD		206 - 0.76 SGOLD		118 - BRIGHT TIN		118 - BRIGHT TIN		
	PACKAGING:	TUBE 713080003-PK		T&R 713080000-PK STYLE B		TUBE 713080003-PK		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
E	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						
D	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						
C	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						
B	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																				
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Downloaded from Arrow.com				8		7		6		5		4		3		2		1		

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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	
4	015-91-1041	015-91-1042	015-91-1043			015-91-6046	71308-6404		
6	015-91-1061	015-91-1062	015-91-1063	015-91-6064		015-91-6066	71308-6406		
8	015-91-1081	015-91-1082	015-91-1083				71308-6408		
10	015-91-1101	015-91-1102 / 71308-1102	015-91-1103		015-91-6105		71308-6410		
12	015-91-1121	015-91-1122	015-91-1123				71308-6412		
14	015-91-1141	015-91-1142	015-91-1143		015-91-6145		71308-6414	71308-6514	
16	015-91-1161	015-91-1162	015-91-1163				71308-6416		
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		
30	015-91-1301	015-91-1302	015-91-1303				71308-6430		
32	015-91-1321	015-91-1322	015-91-1323				71308-6432		
34	015-91-1341	015-91-1342	015-91-1343				71308-6434		
36	015-91-1361	015-91-1362	015-91-1363				71308-6436		
38	015-91-1381	015-91-1382	015-91-1383				71308-6438		
40	015-91-1401	015-91-1402	015-91-1403				71308-6440		
42	015-91-1421	015-91-1422	015-91-1423				71308-6442		
44	015-91-1441	015-91-1442	015-91-1443				71308-6444		
46	015-91-1461	015-91-1462	015-91-1463				71308-6446		
48	015-91-1481	015-91-1482	015-91-1483				71308-6448		
50	015-91-1501	015-91-1502	015-91-1503				71308-6450		
52	015-91-1521	015-91-1522	015-91-1523			71308-5203	71308-6452		
54	015-91-1541	015-91-1542	015-91-1543				71308-6454		
56	015-91-1561	015-91-1562	015-91-1563				71308-6456		
58	015-91-1581	015-91-1582	015-91-1583				71308-6458		
60	015-91-1601	015-91-1602	015-91-1603				71308-6460		
62	015-91-1621	015-91-1622	015-91-1623				71308-6462		
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66	015-91-1661	015-91-1662	015-91-1663				71308-6466		
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70	015-91-1701	015-91-1702	015-91-1703				71308-6470		
72	015-91-1721	015-91-1722	015-91-1723				71308-6472		
74	015-91-1741	015-91-1742	015-91-1743				71308-6474		
76	015-91-1761	015-91-1762	015-91-1763				71308-6476		
78	015-91-1781	015-91-1782	015-91-1783				71308-6478		
80	015-91-1801	015-91-1802	015-91-1803				71308-6480		
100	71308-4100	71308-4200	71308-4300						

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PLATING:	124 - BRIGHT TIN	207- 0.38 SGOLD	206- 0.76 SGOLD	118 - BRIGHT TIN					
PACKAGING:	TUBE 713080003-PK	TUBE 713080003-PK	TUBE 713080003-PK	TUBE 713080003-PK					
PICK AND PLACE CAPS	NO	NO	NO	NO					
CKTS:	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	
4	015-91-1044	015-91-0047	015-91-1040	71308-6604					
6	015-91-1064	015-91-0067	015-91-1060	71308-6606					
8	015-91-1084	015-91-0087	015-91-1080	71308-6608					
10	015-91-1104	015-91-0107	015-91-1100	71308-6610					
12	015-91-1124	015-91-0127	015-91-1120	71308-6612					
14	015-91-1144	015-91-0147	015-91-1140	71308-6614					
16	015-91-1164	015-91-0167	015-91-1160	71308-6616					
18	015-91-1184	015-91-0187	015-91-1180	71308-6618					
20	015-91-1204	015-91-0207	015-91-1200	71308-6620					
22	015-91-1224	015-91-0227	015-91-1220	71308-6622					
24	015-91-1244	015-91-0247	015-91-1240	71308-6624					
26	015-91-1264	015-91-0267	015-91-1260	71308-6626					
28	015-91-1284	015-91-0287	015-91-1280	71308-6628					
30	015-91-1304	015-91-0307	015-91-1300	71308-6630					
32	015-91-1324	015-91-0327	015-91-1320	71308-6632					
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36	015-91-1364	015-91-0367	015-91-1360	71308-6636					
38	015-91-1384	015-91-0387	015-91-1380	71308-6638					
40	015-91-1404	015-91-0407	015-91-1400	71308-6640					
42	015-91-1424	015-91-0427	015-91-1420	71308-6642					
44	015-91-1444	015-91-0447	015-91-1440	71308-6644					
46	015-91-1464	015-91-0467	015-91-1460	71308-6646					
48	015-91-1484	015-91-0487	015-91-1480	71308-6648					
50	015-91-1504	015-91-0507	015-91-1500	71308-6650					
52	015-91-1524	015-91-0527	015-91-1520	71308-6652					
54	015-91-1544	015-91-0547	015-91-1540	71308-6654					
56	015-91-1564	015-91-0567	015-91-1560	71308-6656					
58	015-91-1584	015-91-0587	015-91-1580	71308-6658					
60	015-91-1604	015-91-0607	015-91-1600	71308-6660					
62	015-91-1624	015-91-0627	015-91-1620	71308-6662					
64	015-91-1644	015-91-0647	015-91-1640	71308-6664					
66	015-91-1664	015-91-0667	015-91-1660	71308-6666					
68	015-91-1684	015-91-0687	015-91-1680	71308-6668					
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72	015-91-1724	015-91-0727	015-91-1720	71308-6672					
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76	015-91-1764	015-91-0767	015-91-1760	71308-6676					
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80	015-91-1804	015-91-0807	015-91-1800	71308-6680					
100	71308-5100	71308-5200	71308-5300						

8.13

3.30



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 ±

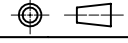
2 PLACES ± 0.13

1 PLACE ± 0.25

0 PLACES ± 0.0

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION



DRAWING

B-SIZE

SERIES

71308

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN#515979

EC NO: 823502

DRWN: PONNAM

CHK'D: GGA

APPR: GGA

2025/05/15

2025/07/02

2025/07/02

INITIAL REVISION:

DRWN: KSAMIEC

APPR: FSMITH

2017/09/07

2018/07/03

CGRID HEADER ASSY VERTICAL DUAL ROW SMT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

713080000-SD

DOC TYPE

PSD

DOC PART

000

REVISION

A10

MATERIAL NUMBER

SEE TABLE

CUSTOMER

SHEET NUMBER

7 OF 10

DOCUMENT STATUS

P1

RELEASE DATE

2025/07/02

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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

B-SIZE

SERIES

71308

CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN#515979

EC NO: 823502

DRWN: PONNAM

CHK'D: GGA

APPR: GGA

2025/05/15

2025/07/02

2025/07/02

INITIAL REVISION:

DRWN: KSAMIEC

APPR: FSMITH

2017/09/07

2018/07/03

DOCUMENT NUMBER

713080000-SD

DOC TYPE

PSD

DOC PART

000

REVISION

A10

MATERIAL NUMBER

SEE TABLE

CUSTOMER

SHEET NUMBER

7 OF 10

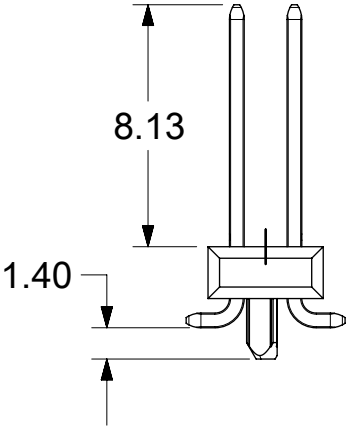
molex

CGRID HEADER ASSY VERTICAL DUAL ROW SMT

PRODUCT CUSTOMER DRAWING

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								
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78									
80									

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



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DIMENSION UNITS	SCALE	CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN#515979		
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		THIRD ANGLE PROJECTION	DRAWING	SERIES
			B-SIZE	71308

molex

CGRID HEADER ASSY VERTICAL DUAL ROW SMT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
713080000-SD	PSD	000	A10

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE		9 OF 10

EC NO: 823502
DRWN: PONNAM
CHK'D: GGA
APPR: GGA
INITIAL REVISION:
DRWN: KSAMIEC
APPR: FSMITH

2025/05/15
2025/07/02
2025/07/02
2017/09/07
2018/07/03

