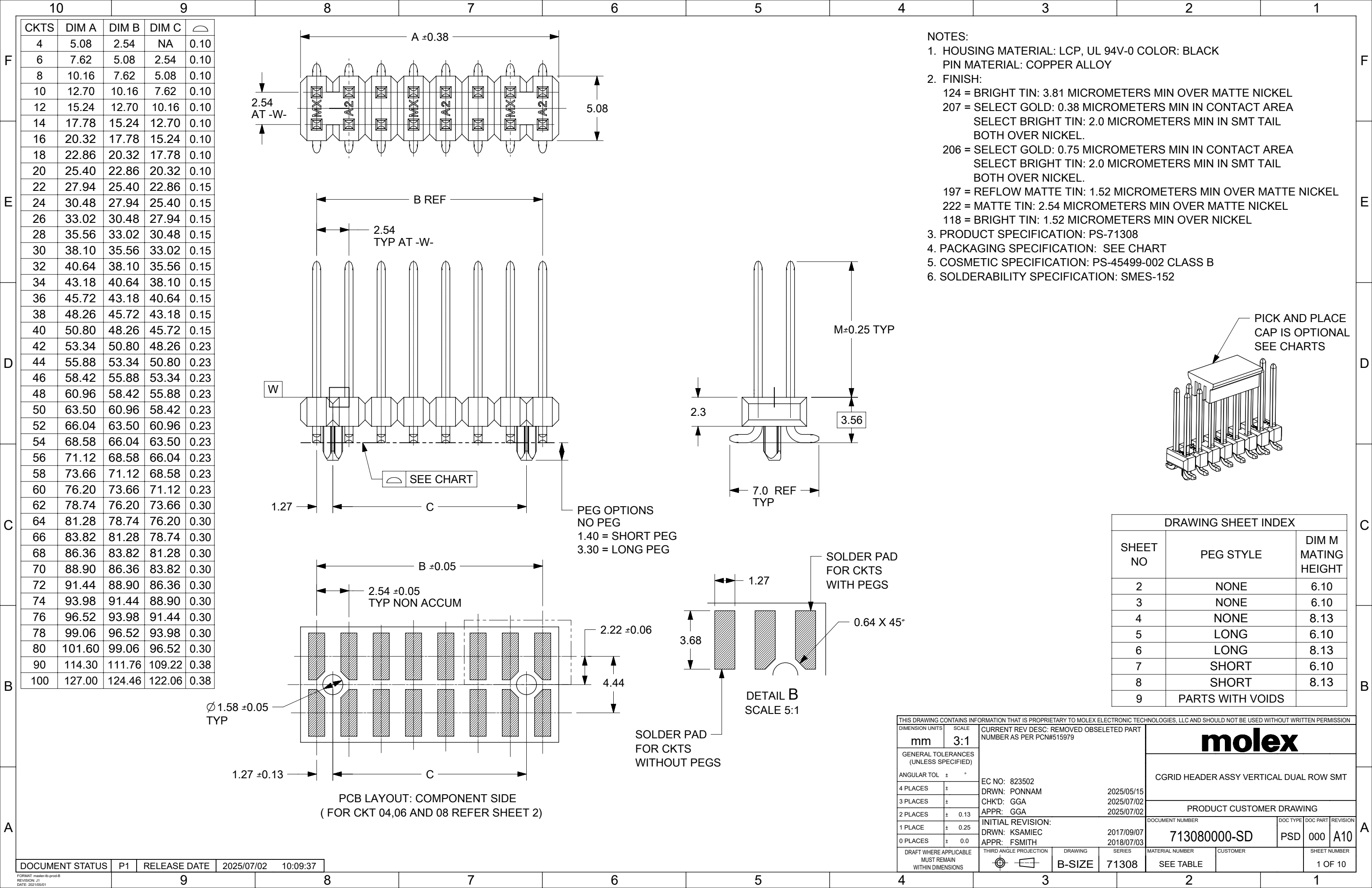
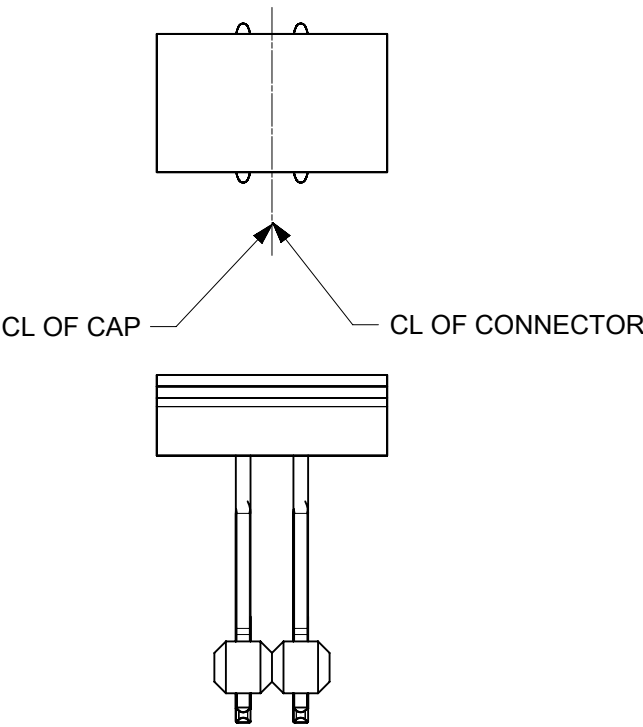


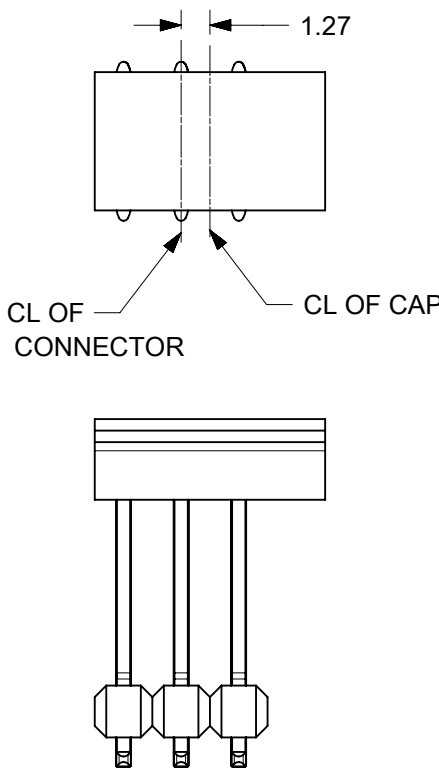


PICK AND PLACE CAP POSITION TO CONNECTOR

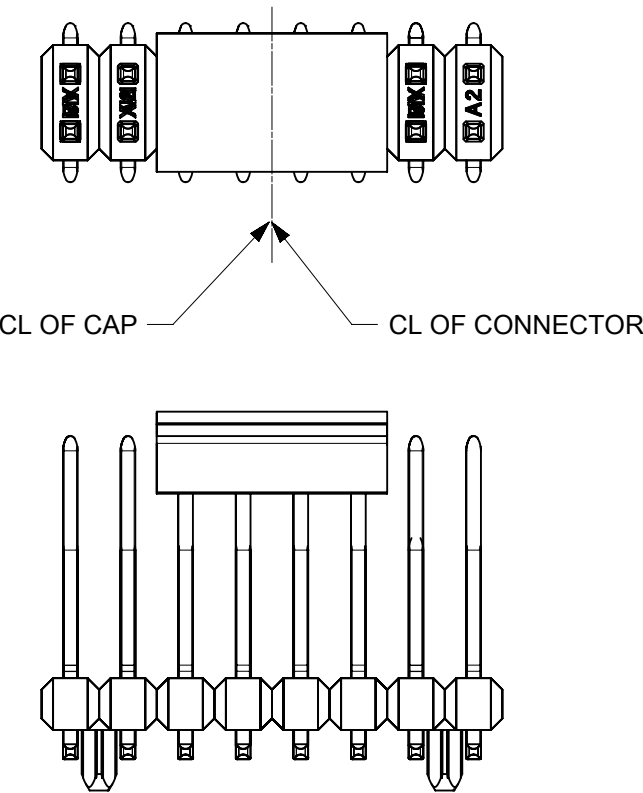
FOR CKT 04 and 08



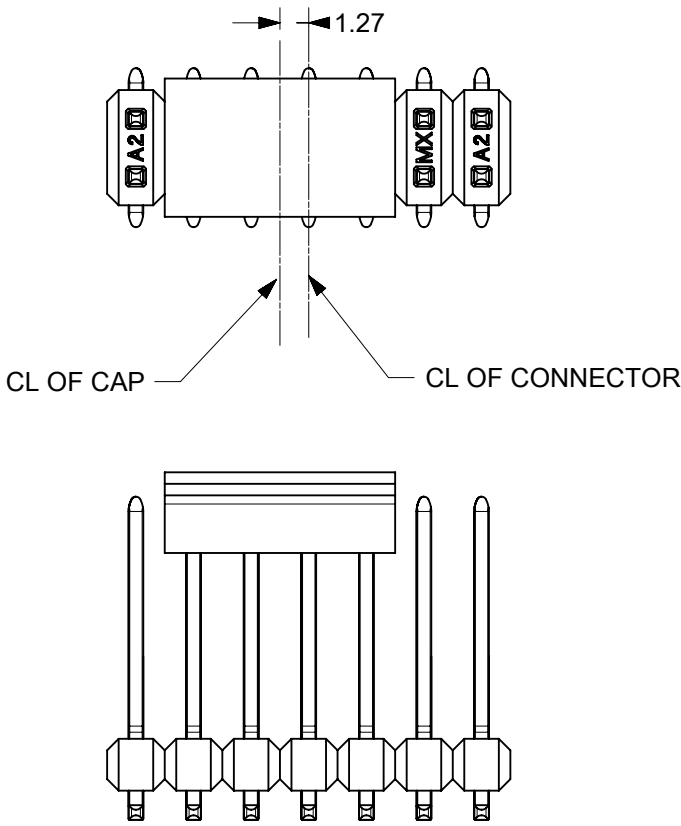
FOR CKT 06



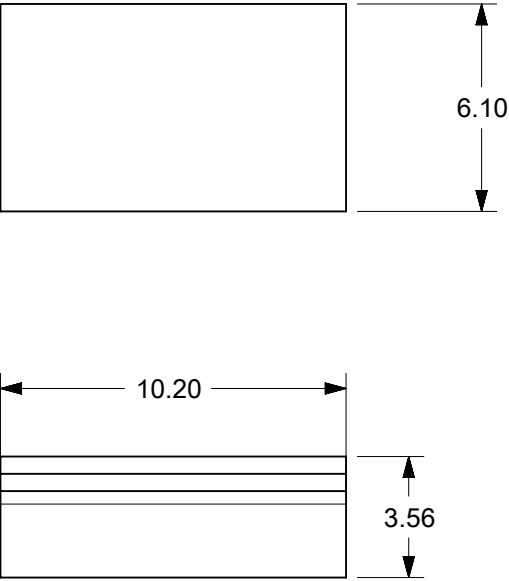
FOR CKT 12,16,20,24,28,32,36,40,44,48,52,56,60
64,68,72,76,80,84,88,92,96 and 100



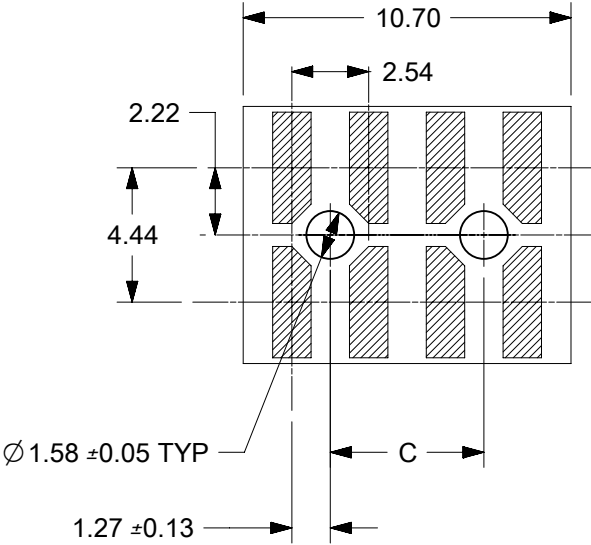
FOR CKT 10,14,18,22,26,30,34,38,42,46,50,54,58
62,66,70,74,78,82,86,90,94 and 98

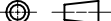


PICK AND PLACE CAP DIMENSIONS



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



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: REMOVED OBSOLETE PART NUMBER AS PER PCN#515979									
mm		5:1		molex CGRID HEADER ASSY VERTICAL DUAL ROW SMT PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER713080000-SDDOC TYPEPSDDOC PART000REVISIONA10 MATERIAL NUMBERSEE TABLECUSTOMER2 OF 10									
GENERAL TOLERANCES (UNLESS SPECIFIED)													
ANGULAR TOL ± °													
4 PLACES		±								EC NO: 823502		DRWN: PONNAM2025/05/15	
3 PLACES		±								CHK'D: GGA		2025/07/02	
2 PLACES		± 0.13								APPR: GGA		2025/07/02	
1 PLACE		± 0.25								INITIAL REVISION: DRWN: KSAMIEC2017/09/07 APPR: FSMITH2018/07/03			
0 PLACES		± 0.0											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWINGA3-SIZE		SERIES71308					

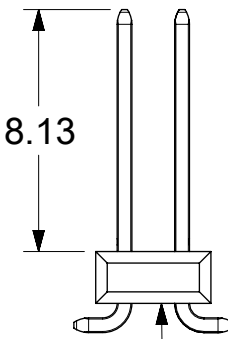
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F	PLATING:	124 - BRIGHT TIN	124 - BRIGHT TIN	124 - BRIGHT TIN	207 - 0.38 SGOLD	207 - 0.38 SGOLD	207 - 0.38 SGOLD	206 - 0.76 SGOLD	206 - 0.76 SGOLD	206 - 0.76 SGOLD									
	PACKAGING:	TUBE 713080001-PK	TUBE 713080002-PK	T&R 713080000-PK STYLE A	TUBE 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									
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	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									
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	14	015-91-2140		015-91-6140	015-91-0140 / 71308-9140		015-91-6142	015-91-3140		015-91-6143									
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	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										
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	34	015-91-2340			015-91-0340			015-91-3340	015-91-3348										
D	36	015-91-2360	015-91-3367		015-91-0360	015-91-3366		015-91-3360	015-91-3368										
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	68	015-91-2680	015-91-3687		015-91-0680	015-91-3686		015-91-3680	015-91-3688										
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	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										
B	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										
	PARTS ON THIS SHEET ARE WITHOUT PEGS WITH 6.10 MATING LENGTH 6.10																		

[illegible]

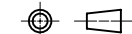
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PACKAGING:	TUBE 713080003-PK	T&R 713080000-PK STYLE B	TUBE 713080003-PK	T&R 713080000-PK STYLE B	TUBE 713080003-PK	T&R 713080000-PK STYLE B	TUBE 713080003-PK	T&R 713080000-PK STYLE B	TUBE 713080003-PK	
PICK AND PLACE CAPS	NO	YES	NO	YES	NO	YES	NO	YES	NO	
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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	
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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			
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68	71308-8068				015-91-0688		015-91-5689			
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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



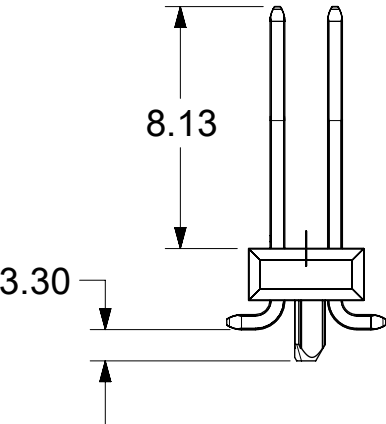
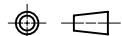
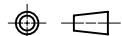
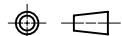
NO PEGS

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: REMOVED OBSOLETED PART NUMBER AS PER PCN#515979								
mm		1:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 823502 DRWN: PONNAM 2025/05/15 CHK'D: GGA 2025/07/02 APPR: GGA 2025/07/02								
ANGULAR TOL		± °										
4 PLACES		±										
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	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
						B-SIZE	71308	SEE TABLE				5 OF 10

DOCUMENT STATUS	P1	RELEASE DATE	2025/07/02	10:09:37
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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			
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	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					
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	PICK AND PLACE CAPS		NO		NO		NO		NO																																																																																									
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	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																																																																																									
D	34		015-91-1344		015-91-0347		015-91-1340		71308-6634																																																																																									
	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																																																																																									
C	66		015-91-1664		015-91-0667		015-91-1660		71308-6666																																																																																									
	68		015-91-1684		015-91-0687		015-91-1680		71308-6668																																																																																									
	70		015-91-1704		015-91-0707		015-91-1700		71308-6670																																																																																									
	72		015-91-1724		015-91-0727		015-91-1720		71308-6672																																																																																									
	74		015-91-1744		015-91-0747		015-91-1740		71308-6674																																																																																									
	76		015-91-1764		015-91-0767		015-91-1760		71308-6676																																																																																									
	78		015-91-1784		015-91-0787		015-91-1780		71308-6678																																																																																									
	80		015-91-1804		015-91-0807		015-91-1800		71308-6680																																																																																									
B	100		71308-5100		71308-5200		71308-5300																																																																																											
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	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION <table><tr><td colspan="2">DIMENSION UNITS</td><td colspan="2">SCALE</td><td colspan="4" rowspan="4">CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN#515979</td><td colspan="4" rowspan="4"> molex CGRID HEADER ASSY VERTICAL DUAL ROW SMT PRODUCT CUSTOMER DRAWING <table><tr><td colspan="2">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>REVISION</td></tr><tr><td colspan="2">713080000-SD</td><td>PSD</td><td>000</td><td>A10</td></tr><tr><td colspan="2">MATERIAL NUMBER</td><td colspan="2">CUSTOMER</td><td>SHEET NUMBER</td></tr><tr><td colspan="2">SEE TABLE</td><td colspan="2"></td><td>7 OF 10</td></tr></table> </td></tr><tr><td colspan="2">4 PLACES</td><td colspan="2">±</td></tr><tr><td colspan="2">3 PLACES</td><td colspan="2">±</td></tr><tr><td colspan="2">2 PLACES</td><td colspan="2">± 0.13</td></tr><tr><td colspan="2">1 PLACE</td><td colspan="2">± 0.25</td></tr><tr><td colspan="2">0 PLACES</td><td colspan="2">± 0.0</td></tr><tr><td colspan="2" rowspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2">THIRD ANGLE PROJECTION</td><td colspan="2">DRAWING</td><td colspan="2">SERIES</td><td colspan="2">MATERIAL NUMBER</td><td colspan="2">CUSTOMER</td><td colspan="2">SHEET NUMBER</td></tr><tr><td colspan="2"></td><td colspan="2">B-SIZE</td><td colspan="2">71308</td><td colspan="2"></td><td colspan="2"></td><td colspan="2">7 OF 10</td></tr></table>																				DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN#515979				molex CGRID HEADER ASSY VERTICAL DUAL ROW SMT PRODUCT CUSTOMER DRAWING <table><tr><td colspan="2">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>REVISION</td></tr><tr><td colspan="2">713080000-SD</td><td>PSD</td><td>000</td><td>A10</td></tr><tr><td colspan="2">MATERIAL NUMBER</td><td colspan="2">CUSTOMER</td><td>SHEET NUMBER</td></tr><tr><td colspan="2">SEE TABLE</td><td colspan="2"></td><td>7 OF 10</td></tr></table>				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	713080000-SD		PSD	000	A10	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	SEE TABLE				7 OF 10	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		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER				B-SIZE		71308						7 OF 10	
	DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN#515979				molex CGRID HEADER ASSY VERTICAL DUAL ROW SMT PRODUCT CUSTOMER DRAWING <table><tr><td colspan="2">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>REVISION</td></tr><tr><td colspan="2">713080000-SD</td><td>PSD</td><td>000</td><td>A10</td></tr><tr><td colspan="2">MATERIAL NUMBER</td><td colspan="2">CUSTOMER</td><td>SHEET NUMBER</td></tr><tr><td colspan="2">SEE TABLE</td><td colspan="2"></td><td>7 OF 10</td></tr></table>				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	713080000-SD		PSD	000	A10	MATERIAL NUMBER										CUSTOMER		SHEET NUMBER	SEE TABLE				7 OF 10																																																										
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					B-SIZE		71308						7 OF 10																																																																																					
	DOCUMENT STATUS		P1	RELEASE DATE	2025/07/02	10:09:37																																																																																												
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	206 - 0.76 SGOLD	206 - 0.76 SGOLD	118 - BRIGHT TIN	118 - BRIGHT TIN			
PACKAGING:	TUBE 713080001-PK	T&R 713080000-PK STYLE C	TUBE 713080001-PK	T&R 713080000-PK STYLE C	TUBE 713080001-PK	T&R 713080000-PK STYLE C			
PICK AND PLACE CAPS	NO	YES	NO	YES	NO	YES			
CKTS:	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	MATERIAL NO	
4			015-91-1048	015-91-6047					
6	71308-6106		015-91-1068	015-91-6067	71308-6706				
8			015-91-1088		71308-6708				
10	71308-6110		015-91-1108		71308-6710				
12			015-91-1128						
14			015-91-1148						
16			015-91-1168						
18			015-91-1188						
20			015-91-1208	015-91-6207					
22			015-91-1228						
24			015-91-1248						
26	71308-6126		015-91-1268		71308-6726				
28			015-91-1288						
30			015-91-1308						
32			015-91-1328						
34			015-91-1348						
36			015-91-1368						
38			015-91-1388						
40			015-91-1408						
42			015-91-1428						
44			015-91-1448						
46			015-91-1468						
48			015-91-1488						
50			015-91-1508	015-91-6507					
52			015-91-1528						
54			015-91-1548						
56			015-91-1568						
58			015-91-1588						
60			015-91-1608						
62			015-91-1628						
64			015-91-1648						
66			015-91-1668						
68			015-91-1688						
70			015-91-1708						
72			015-91-1728						
74			015-91-1748						
76			015-91-1768						
78			015-91-1788						
80			015-91-1808						
100			71308-6100						

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

6.10

1.40

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITSSCALEmm1:1

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: REMOVED OBSOLETED PART NUMBER AS PER PCN#515979

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

THIRD ANGLE PROJECTION

DRAWINGB-SIZE

SERIES71308

DOCUMENT NUMBER713080000-SD

MATERIAL NUMBERSEE TABLE

DOC TYPEPSD

DOC PART000

REVISIONA10

SHEET NUMBER8 OF 10

2025/05/15
2025/07/02
2025/07/02

2017/09/07
2018/07/03

CUSTOMER

DOCUMENT STATUSP1RELEASE DATE2025/07/0210:09:37

9

8

7

6

5

4

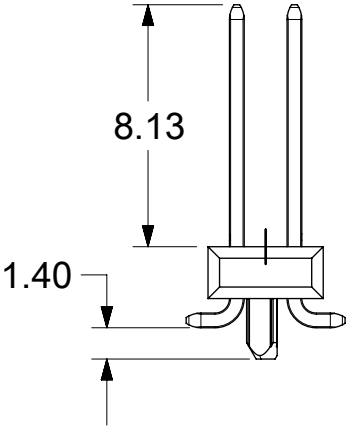
3

2

1

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



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DIMENSION UNITS mm		SCALE 1:1		CURRENT REV DESC: REMOVED OBSOLETED PART NUMBER AS PER PCN#515979				molex				
GENERAL TOLERANCES (UNLESS SPECIFIED)												
ANGULAR TOL		± °		EC NO: 823502 DRWN: PONNAM 2025/05/15 CHK'D: GGA 2025/07/02 APPR: GGA 2025/07/02				CGRID HEADER ASSY VERTICAL DUAL ROW SMT				
4 PLACES		±						PRODUCT CUSTOMER DRAWING				
3 PLACES		±						DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
2 PLACES		± 0.13						713080000-SD		PSD	000	A10
1 PLACE		± 0.25		INITIAL REVISION:								
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 B-SIZE		SERIES 71308		MATERIAL NUMBER SEE TABLE		CUSTOMER	SHEET NUMBER 9 OF 10	

