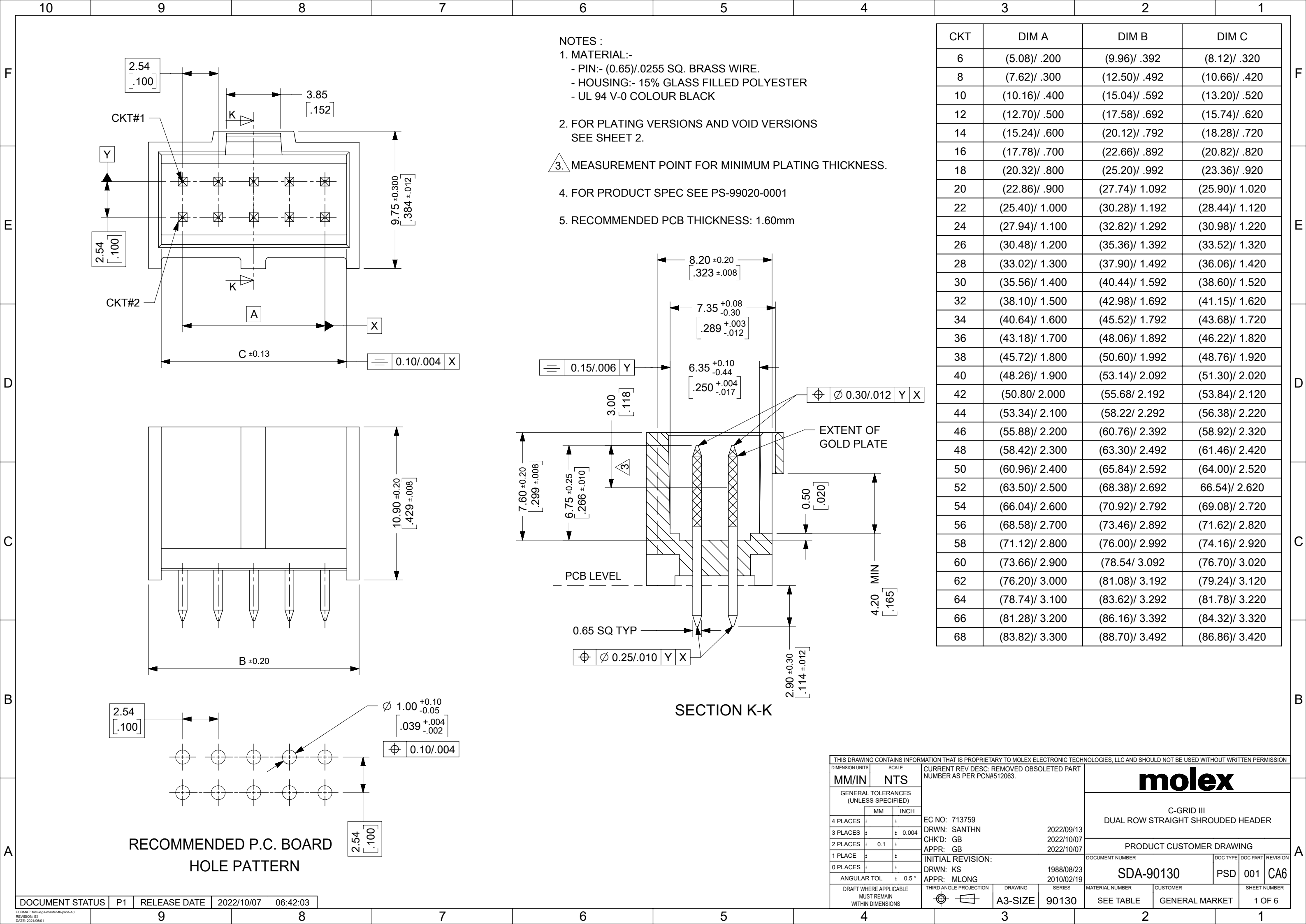
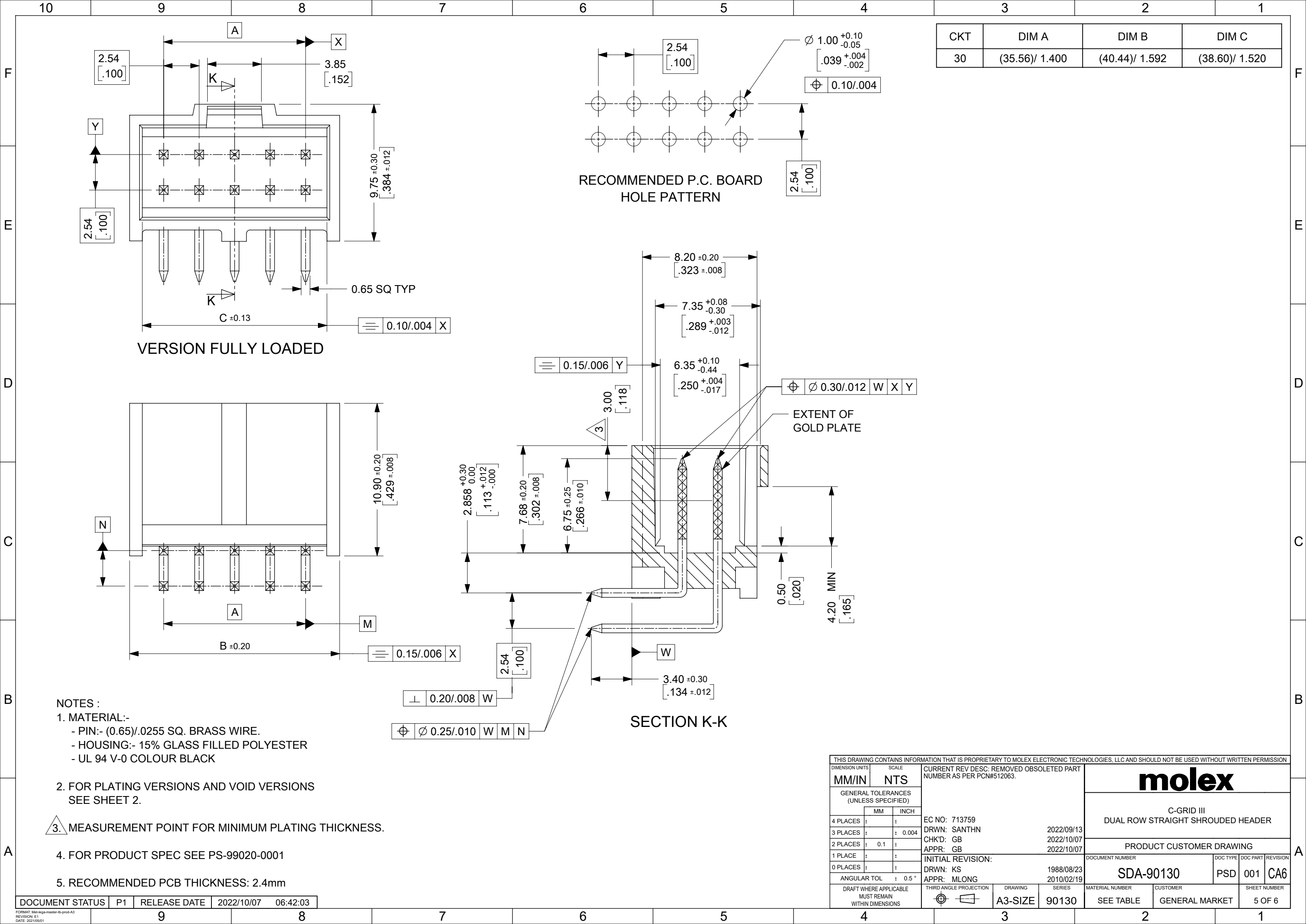




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FOR ASSEMBLY, SEE SHEET 1. 2. REFER TO LEGEND FOR PLATING OPTIONS. 90130 - * * * * PLATING TYPES 1 - TYPE A: 3.0µm MIN. TIN OVER 1.27µm - 2.54µm NICKEL. 2 - TYPE E: 0.38µm MIN. GOLD IN SELECTED AREA & 3.0µm MIN. TIN IN SELECTED AREA OVER 1.3µm MIN. NICKEL OVERALL. 3 - TYPE F: 0.76µm MIN. GOLD IN SELECTED AREA. & 3.0µm MIN. TIN IN SELECTED AREA OVER 1.3µm MIN. NICKEL OVERALL. 4 - TYPE G: 0.05 -0.10µm GOLD FLASH IN SELECTED AREA & 3.0µm MIN. TIN IN SELECTED AREA OVER 1.3µm MIN. NICKEL OVERALL. STYLE: - 1. STRAIGHT PIN VERSION 8. VERSION WITH VOIDS VOIDED OPTIONS <table><tr><th>NO OF CKTS</th><th>HSG CKT SIZE</th><th>VOIDED PART NUMBER</th><th>VOID POSITION</th><th>PLATING TYPE</th></tr><tr><td>9</td><td>10</td><td>90130-8190</td><td>3</td><td>A</td></tr><tr><td>9</td><td>10</td><td>90130-8309</td><td>2</td><td>F</td></tr><tr><td>9</td><td>10</td><td>90130-8311</td><td>1</td><td>F</td></tr><tr><td>11</td><td>12</td><td>90130-8212</td><td>12</td><td>E</td></tr><tr><td>11</td><td>12</td><td>90130-8213</td><td>2</td><td>E</td></tr><tr><td>11</td><td>12</td><td>90130-8313</td><td>2</td><td>F</td></tr><tr><td>11</td><td>12</td><td>90130-8191</td><td>3</td><td>A</td></tr></table> THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS MM/IN SCALE NTS GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><th></th><th>MM</th><th>INCH</th></tr><tr><td>4 PLACES</td><td>±</td><td>±</td></tr><tr><td>3 PLACES</td><td>±</td><td>± 0.004</td></tr><tr><td>2 PLACES</td><td>± 0.1</td><td>±</td></tr><tr><td>1 PLACE</td><td>±</td><td>±</td></tr><tr><td>0 PLACES</td><td>±</td><td>±</td></tr><tr><td>ANGULAR TOL</td><td>± 0.5 °</td><td></td></tr></table> DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIRD ANGLE PROJECTION DRAWING A3-SIZE SERIES 90130 MATERIAL NUMBER SEE TABLE CUSTOMER GENERAL MARKET SHEET NUMBER 2 OF 6 CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#512063. EC NO: 713759 DRWN: SANTHN CHK'D: GB APPR: GB 2022/09/13 2022/10/07 2022/10/07 INITIAL REVISION: DRWN: KS APPR: MLONG 1988/08/23 2010/02/19 DOCUMENT NUMBER SDA-90130 DOC TYPE PSD DOC PART 001 REVISION CA6 PRODUCT CUSTOMER DRAWING DOCUMENT STATUS P1 RELEASE DATE 2022/10/07 06:42:03 9 8 7 6 5 4 3 2 1																				NO OF CKTS	HSG CKT SIZE	PART NUMBER				PLATING TYPE A	PLATING TYPE E	PLATING TYPE F	PLATING TYPE G	6	6	90130-X106	90130-X206	90130-X306	90130-X406	8	8	90130-X108	90130-X208	90130-X308	90130-X408	10	10	90130-X110	90130-X210	90130-X310	90130-X410	12	12	90130-X112	90130-X212	90130-X312	90130-X412	14	14	90130-X114	90130-X214	90130-X314	90130-X414	16	16	90130-X116	90130-X216	90130-X316	90130-X416	18	18	90130-X118	90130-X218	90130-X318	90130-X418	20	20	90130-X120	90130-X220	90130-X320	90130-X420	22	22	90130-X122	90130-X222	90130-X322	90130-X422	24	24	90130-X124	90130-X224	90130-X324	90130-X424	26	26	90130-X126	90130-X226	90130-X326	90130-X426	28	28	90130-X128	90130-X228	90130-X328	90130-X428	30	30	90130-X130	90130-X230	90130-X330	90130-X430	32	32	90130-X132	90130-X232	90130-X332	90130-X432	34	34	90130-X134	90130-X234	90130-X334	90130-X434	36	36	90130-X136	90130-X236	90130-X336	90130-X436	38	38	90130-X138	90130-X238	90130-X338	90130-X438	40	40	90130-X140	90130-X240	90130-X340	90130-X440	42	42	90130-X142	90130-X242	90130-X342	90130-X442	44	44	90130-X144	90130-X244	90130-X344	90130-X444	46	46	90130-X146	90130-X246	90130-X346	90130-X446	48	48	90130-X148	90130-X248	90130-X348	90130-X448	50	50	90130-X150	90130-X250	90130-X350	90130-X450	52	52	90130-X152	90130-X252	90130-X352	90130-X452	54	54	-	-	-	90130-X454	56	56	90130-X156	-	-	90130-X456	58	58	90130-X158	90130-X258	90130-X358	90130-X458	60	60	-	-	-	90130-X460	62	62	90130-X162	90130-X262	90130-X362	90130-X462	64	64	-	-	-	90130-X464	66	66	90130-X166	90130-X266	90130-X366	90130-X466	68	68	90130-X168	90130-X268	90130-X368	90130-X468	NO OF CKTS	HSG CKT SIZE	VOIDED PART NUMBER	VOID POSITION	PLATING TYPE	9	10	90130-8190	3	A	9	10	90130-8309	2	F	9	10	90130-8311	1	F	11	12	90130-8212	12	E	11	12	90130-8213	2	E	11	12	90130-8313	2	F	11	12	90130-8191	3	A		MM	INCH	4 PLACES	±	±	3 PLACES	±	± 0.004	2 PLACES	± 0.1	±	1 PLACE	±	±	0 PLACES	±	±	ANGULAR TOL	± 0.5 °	
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F	VERSION FULLY LOADED <table><thead><tr><th rowspan="2">NO OF CKTS</th><th rowspan="2">HSG CKT SIZE</th><th colspan="4">PART NUMBER</th></tr><tr><th>PLATING TYPE A</th><th>PLATING TYPE E</th><th>PLATING TYPE F</th><th>PLATING TYPE G</th></tr></thead><tbody><tr><td>6</td><td>6</td><td>90130-X106</td><td>90130-X206</td><td>90130-X306</td><td>90130-X406</td></tr><tr><td>8</td><td>8</td><td>90130-X108</td><td>90130-X208</td><td>90130-X308</td><td>90130-X408</td></tr><tr><td>10</td><td>10</td><td>90130-X110</td><td>90130-X210</td><td>90130-X310</td><td>90130-X410</td></tr><tr><td>12</td><td>12</td><td>90130-X112</td><td>90130-X212</td><td>90130-X312</td><td>90130-X412</td></tr><tr><td>14</td><td>14</td><td>90130-X114</td><td>90130-X214</td><td>90130-X314</td><td>90130-X414</td></tr><tr><td>16</td><td>16</td><td>90130-X116</td><td>90130-X216</td><td>90130-X316</td><td>90130-X416</td></tr><tr><td>18</td><td>18</td><td>90130-X118</td><td>90130-X218</td><td>90130-X318</td><td>90130-X418</td></tr><tr><td>20</td><td>20</td><td>90130-X120</td><td>90130-X220</td><td>90130-X320</td><td>90130-X420</td></tr><tr><td>22</td><td>22</td><td>90130-X122</td><td>90130-X222</td><td>90130-X322</td><td>90130-X422</td></tr><tr><td>24</td><td>24</td><td>90130-X124</td><td>90130-X224</td><td>90130-X324</td><td>90130-X424</td></tr><tr><td>26</td><td>26</td><td>90130-X126</td><td>90130-X226</td><td>90130-X326</td><td>90130-X426</td></tr><tr><td>28</td><td>28</td><td>90130-X128</td><td>90130-X228</td><td>90130-X328</td><td>90130-X428</td></tr><tr><td>30</td><td>30</td><td>90130-X130</td><td>90130-X230</td><td>90130-X330</td><td>90130-X430</td></tr><tr><td>32</td><td>32</td><td>90130-X132</td><td>90130-X232</td><td>90130-X332</td><td>90130-X432</td></tr><tr><td>34</td><td>34</td><td>90130-X134</td><td>90130-X234</td><td>90130-X334</td><td>90130-X434</td></tr><tr><td>36</td><td>36</td><td>90130-X136</td><td>90130-X236</td><td>90130-X336</td><td>90130-X436</td></tr><tr><td>38</td><td>38</td><td>90130-X138</td><td>90130-X238</td><td>90130-X338</td><td>90130-X438</td></tr><tr><td>40</td><td>40</td><td>90130-X140</td><td>90130-X240</td><td>90130-X340</td><td>90130-X440</td></tr><tr><td>42</td><td>42</td><td>90130-X142</td><td>90130-X242</td><td>90130-X342</td><td>90130-X442</td></tr><tr><td>44</td><td>44</td><td>90130-X144</td><td>90130-X244</td><td>90130-X344</td><td>90130-X444</td></tr><tr><td>46</td><td>46</td><td>90130-X146</td><td>90130-X246</td><td>90130-X346</td><td>90130-X446</td></tr><tr><td>48</td><td>48</td><td>90130-X148</td><td>90130-X248</td><td>90130-X348</td><td>90130-X448</td></tr><tr><td>50</td><td>50</td><td>90130-X150</td><td>90130-X250</td><td>90130-X350</td><td>90130-X450</td></tr><tr><td>52</td><td>52</td><td>90130-X152</td><td>90130-X252</td><td>90130-X352</td><td>90130-X452</td></tr><tr><td>54</td><td>54</td><td>-</td><td>90130-X254</td><td>90130-X354</td><td>90130-X454</td></tr><tr><td>56</td><td>56</td><td>90130-X156</td><td>90130-X256</td><td>90130-X356</td><td>90130-X456</td></tr><tr><td>58</td><td>58</td><td>90130-X158</td><td>90130-X258</td><td>90130-X358</td><td>90130-X458</td></tr><tr><td>60</td><td>60</td><td>-</td><td>-</td><td>-</td><td>90130-X460</td></tr><tr><td>62</td><td>62</td><td>90130-X162</td><td>90130-X262</td><td>90130-X362</td><td>90130-X462</td></tr><tr><td>64</td><td>64</td><td>-</td><td>-</td><td>-</td><td>90130-X464</td></tr><tr><td>66</td><td>66</td><td>90130-X166</td><td>90130-X266</td><td>90130-X366</td><td>90130-X466</td></tr><tr><td>68</td><td>68</td><td>-</td><td>-</td><td>-</td><td>90130-X468</td></tr></tbody></table> NOTES : 1. FOR ASSEMBLY, SEE SHEET 1. 2. REFER TO LEGEND FOR PLATING OPTIONS. 90130 - * * * * INDICATES CIRCUIT HOUSING SIZE PLATING TYPES STYLE: - 3. RIGHT ANGLE VERSION 1 - TYPE A: 3.0µm MIN. TIN OVER 1.27µm - 2.54µm NICKEL. 2 - TYPE E: 0.38µm MIN. GOLD IN SELECTED AREA & 3.0µm MIN. TIN IN SELECTED AREA OVER 1.3µm MIN. NICKEL OVERALL. 3 - TYPE F: 0.76µm MIN. GOLD IN SELECTED AREA. & 3.0µm MIN. TIN IN SELECTED AREA OVER 1.3µm MIN. NICKEL OVERALL. 4 - TYPE G: 0.05 -0.10µm GOLD FLASH IN SELECTED AREA & 3.0µm MIN. TIN IN SELECTED AREA OVER 1.3µm MIN. NICKEL OVERALL.										NO OF CKTS	HSG CKT SIZE	PART NUMBER				PLATING TYPE A	PLATING TYPE E	PLATING TYPE F	PLATING TYPE G	6	6	90130-X106	90130-X206	90130-X306	90130-X406	8	8	90130-X108	90130-X208	90130-X308	90130-X408	10	10	90130-X110	90130-X210	90130-X310	90130-X410	12	12	90130-X112	90130-X212	90130-X312	90130-X412	14	14	90130-X114	90130-X214	90130-X314	90130-X414	16	16	90130-X116	90130-X216	90130-X316	90130-X416	18	18	90130-X118	90130-X218	90130-X318	90130-X418	20	20	90130-X120	90130-X220	90130-X320	90130-X420	22	22	90130-X122	90130-X222	90130-X322	90130-X422	24	24	90130-X124	90130-X224	90130-X324	90130-X424	26	26	90130-X126	90130-X226	90130-X326	90130-X426	28	28	90130-X128	90130-X228	90130-X328	90130-X428	30	30	90130-X130	90130-X230	90130-X330	90130-X430	32	32	90130-X132	90130-X232	90130-X332	90130-X432	34	34	90130-X134	90130-X234	90130-X334	90130-X434	36	36	90130-X136	90130-X236	90130-X336	90130-X436	38	38	90130-X138	90130-X238	90130-X338	90130-X438	40	40	90130-X140	90130-X240	90130-X340	90130-X440	42	42	90130-X142	90130-X242	90130-X342	90130-X442	44	44	90130-X144	90130-X244	90130-X344	90130-X444	46	46	90130-X146	90130-X246	90130-X346	90130-X446	48	48	90130-X148	90130-X248	90130-X348	90130-X448	50	50	90130-X150	90130-X250	90130-X350	90130-X450	52	52	90130-X152	90130-X252	90130-X352	90130-X452	54	54	-	90130-X254	90130-X354	90130-X454	56	56	90130-X156	90130-X256	90130-X356	90130-X456	58	58	90130-X158	90130-X258	90130-X358	90130-X458	60	60	-	-	-	90130-X460	62	62	90130-X162	90130-X262	90130-X362	90130-X462	64	64	-	-	-	90130-X464	66	66	90130-X166	90130-X266	90130-X366	90130-X466	68	68	-	-	-	90130-X468	
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CKT	DIM A	DIM B	DIM C
30	(35.56)/ 1.400	(40.44)/ 1.592	(38.60)/ 1.520

RECOMMENDED P.C. BOARD
HOLE PATTERN

VERSION FULLY LOADED

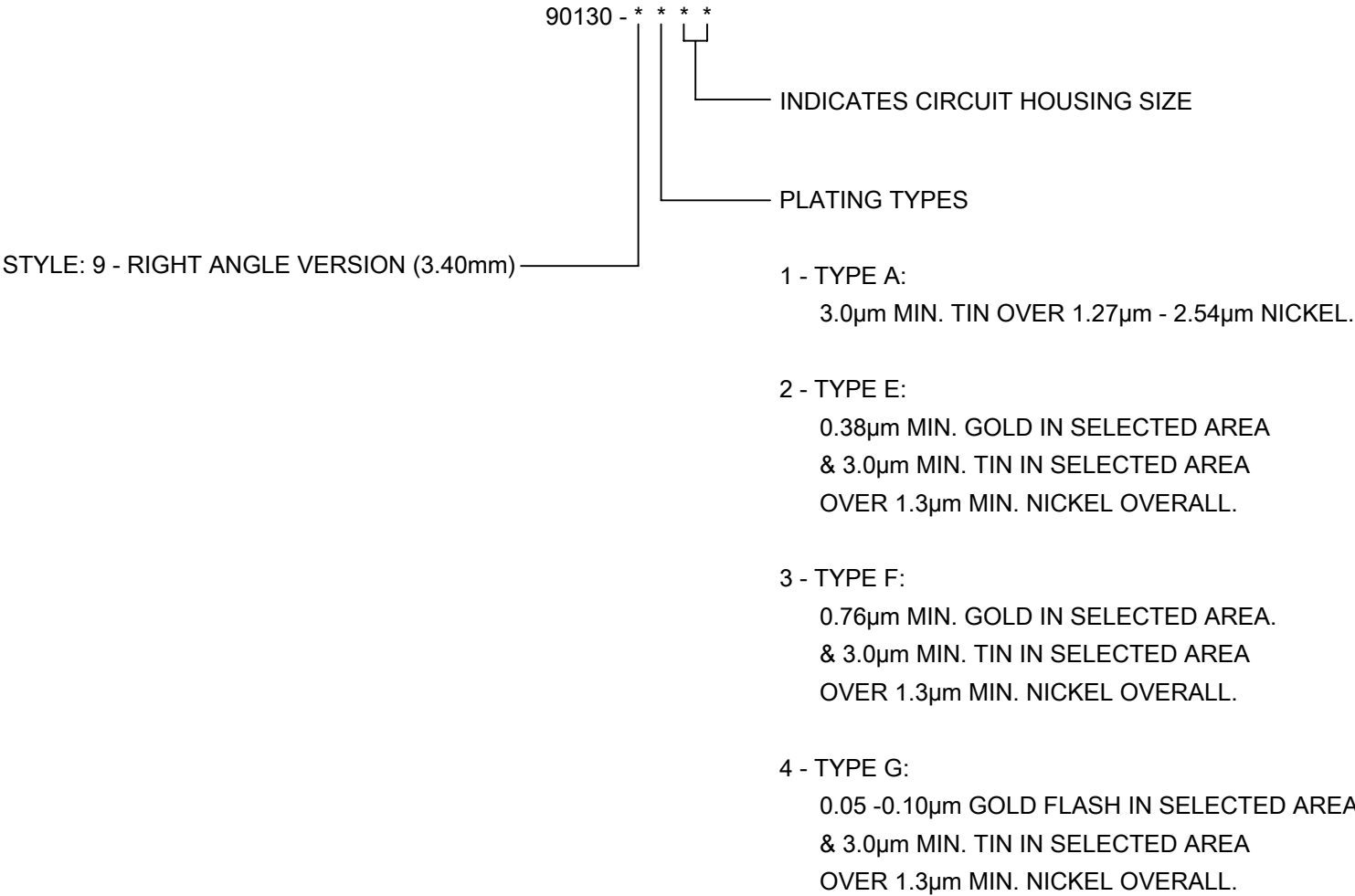
SECTION K-K

- NOTES :
- MATERIAL:-
 - PIN:- (0.65)/.0255 SQ. BRASS WIRE.
 - HOUSING:- 15% GLASS FILLED POLYESTER
 - UL 94 V-0 COLOUR BLACK
 - FOR PLATING VERSIONS AND VOID VERSIONS SEE SHEET 2.
 - MEASUREMENT POINT FOR MINIMUM PLATING THICKNESS.
 - FOR PRODUCT SPEC SEE PS-99020-0001
 - RECOMMENDED PCB THICKNESS: 2.4mm

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#512063.				molex C-GRID III DUAL ROW STRAIGHT SHROUDED HEADER PRODUCT CUSTOMER DRAWING	
MM/IN		NTS							
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	MM	INCH							
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				1988/08/23		2010/02/19		DOCUMENT NUMBER	
						SDA-90130		DOC TYPE	DOC PART
								PSD	001
								REVISION	CA6
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SHEET NUMBER	
						A3-SIZE		5 OF 6	
						SERIES			
						MATERIAL NUMBER		CUSTOMER	
						SEE TABLE		GENERAL MARKET	

VERSION FULLY LOADED					
NO OF CKTS	HSG CKT SIZE	PART NUMBER			
		PLATING TYPE A	PLATING TYPE E	PLATING TYPE F	PLATING TYPE G
30	30	90130-X130	-	-	-

NOTES :
1. FOR ASSEMBLY, SEE SHEET 1.
2. REFER TO LEGEND FOR PLATING OPTIONS.



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2 PLACES	±	0.1	±					MATERIAL NUMBER				CUSTOMER		SHEET NUMBER
1 PLACE	±		±	2022/09/13 2022/10/07 2022/10/07 <th colspan="4">SEE TABLE</th>				SEE TABLE						
0 PLACES	±		±	1988/08/23 2010/02/19 <th colspan="4">GENERAL MARKET</th>				GENERAL MARKET						
ANGULAR TOL ± 0.5 °				THIRD ANGLE PROJECTION		DRAWING	SERIES							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						A3-SIZE	90130	6 OF 6						