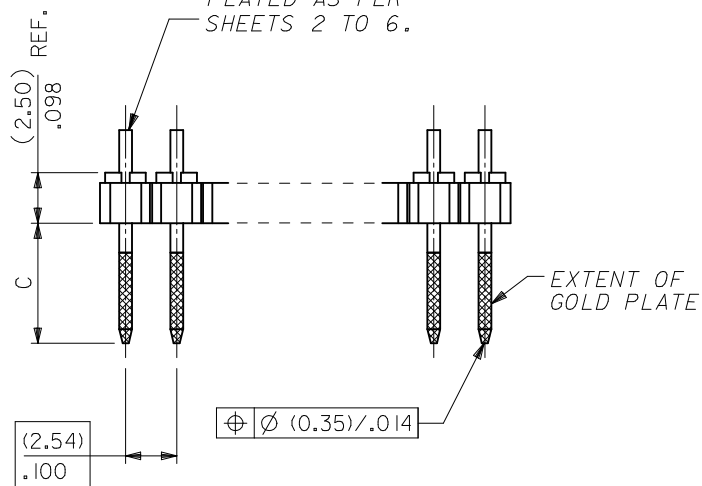
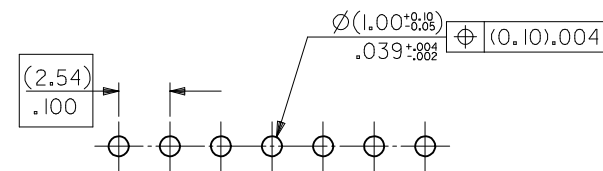
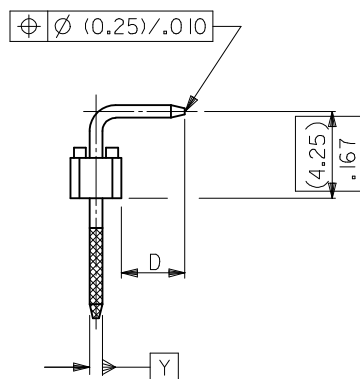




NOTES

1. PLEASE REFER TO SHT 2 FOR PLATING DETAILS.
2. PLEASE REFER TO SHT 3-7 FOR DIMENSIONS C & D.
3. RECOMMENDED PCB THICKNESS 1.60MM
4. PRODUCT SPECIFICATION: PS-99020-0001

<i>CKT SIZE</i>	<i>DIM. " A"</i>	<i>DIM. " B"</i> $\left(\begin{smallmatrix} \pm 0.20 \\ \pm .008 \end{smallmatrix}\right)$	<i>CKT SIZE</i>	<i>DIM. " A"</i>	<i>DIM. " B"</i> $\left(\begin{smallmatrix} \pm 0.20 \\ \pm .008 \end{smallmatrix}\right)$
<i>1X 1</i>		<i>(2.54) .100</i>	<i>1X21</i>	<i>(50.80) 2.000</i>	<i>(53.34) 2.100</i>
<i>1X 2</i>	<i>(2.54) .100</i>	<i>(5.08) .200</i>	<i>1X22</i>	<i>(53.34) 2.100</i>	<i>(55.88) 2.200</i>
<i>1X 3</i>	<i>(5.08) .200</i>	<i>(7.62) .300</i>	<i>1X23</i>	<i>(55.88) 2.200</i>	<i>(58.42) 2.300</i>
<i>1X 4</i>	<i>(7.62) .300</i>	<i>(10.16) .400</i>	<i>1X24</i>	<i>(58.42) 2.300</i>	<i>(60.96) 2.400</i>
<i>1X 5</i>	<i>(10.16) .400</i>	<i>(12.70) .500</i>	<i>1X25</i>	<i>(60.96) 2.400</i>	<i>(63.50) 2.500</i>
<i>1X 6</i>	<i>(12.70) .500</i>	<i>(15.24) .600</i>	<i>1X26</i>	<i>(63.50) 2.500</i>	<i>(66.04) 2.600</i>
<i>1X 7</i>	<i>(15.24) .600</i>	<i>(17.78) .700</i>	<i>1X27</i>	<i>(66.04) 2.600</i>	<i>(68.58) 2.700</i>
<i>1X 8</i>	<i>(17.78) .700</i>	<i>(20.32) .800</i>	<i>1X28</i>	<i>(68.58) 2.700</i>	<i>(71.12) 2.800</i>
<i>1X 9</i>	<i>(20.32) .800</i>	<i>(22.86) .900</i>	<i>1X29</i>	<i>(71.12) 2.800</i>	<i>(73.66) 2.900</i>
<i>1X10</i>	<i>(22.86) .900</i>	<i>(25.40) 1.000</i>	<i>1X30</i>	<i>(73.66) 2.900</i>	<i>(76.20) 3.000</i>
<i>1X11</i>	<i>(25.40) 1.000</i>	<i>(27.94) 1.100</i>	<i>1X31</i>	<i>(76.20) 3.000</i>	<i>(78.74) 3.100</i>
<i>1X12</i>	<i>(27.94) 1.100</i>	<i>(30.48) 1.200</i>	<i>1X32</i>	<i>(78.74) 3.100</i>	<i>(81.28) 3.200</i>
<i>1X13</i>	<i>(30.48) 1.200</i>	<i>(33.02) 1.300</i>	<i>1X33</i>	<i>(81.28) 3.200</i>	<i>(83.82) 3.300</i>
<i>1X14</i>	<i>(33.02) 1.300</i>	<i>(35.56) 1.400</i>	<i>1X34</i>	<i>(83.82) 3.300</i>	<i>(86.36) 3.400</i>
<i>1X15</i>	<i>(35.56) 1.400</i>	<i>(38.10) 1.500</i>	<i>1X35</i>	<i>(86.36) 3.400</i>	<i>(88.90) 3.500</i>
<i>1X16</i>	<i>(38.10) 1.500</i>	<i>(40.64) 1.600</i>	<i>1X36</i>	<i>(88.90) 3.500</i>	<i>(91.44) 3.600</i>
<i>1X17</i>	<i>(40.64) 1.600</i>	<i>(43.18) 1.700</i>	<i>1X37</i>	<i>(91.44) 3.600</i>	<i>(93.98) 3.700</i>
<i>1X18</i>	<i>(43.18) 1.700</i>	<i>(45.72) 1.800</i>	<i>1X38</i>	<i>(93.98) 3.700</i>	<i>(96.52) 3.800</i>
<i>1X19</i>	<i>(45.72) 1.800</i>	<i>(48.26) 1.900</i>	<i>1X39</i>	<i>(96.52) 3.800</i>	<i>(99.06) 3.900</i>
<i>1X20</i>	<i>(48.26) 1.900</i>	<i>(50.80) 2.000</i>	<i>1X40</i>	<i>(99.06) 3.900</i>	<i>(101.60) 4.000</i>



RECOMMENDED PCB HOLE PATTERN

CHANGE DOC. NO. EC NO: S2012-0965 DRAWN:ATSEE CHK'D:SKANG APPR:MLONG	2012/07/03	DESCRIPTION	QUALITY SYMBOLS ▽ _A =0 ▽ _C =0 ▽ _P =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	2012/07/05			mm	INCH	DRAWN BY DATE DB 1987/07/16		TITLE C-GRID III SINGLE ROW RIGHT ANGLE HEADER			
	2012/07/25			3 PLACES ± --- ± ---	3 PLACES ± --- ± ---	CHECKED BY DATE DB 1987/07/16					
				2 PLACES ± 0.20 ± ---	2 PLACES ± 0.20 ± ---	APPROVED BY DATE MLONG 2012/02/24		MOLEX MOLEX INCORPORATED DOCUMENT NO. SD-90121-001 SHEET NO. 1 OF 2			
				1 PLACE ± --- ± ---	1 PLACE ± --- ± ---	MATERIAL NO. SEE TABLE					
				ANGULAR ± 3 °							
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

PLATING OPTIONS

PLATING	PLATING DESCRIPTION
A	3.00µm MIN TIN OVER 1.27MIN NICKEL OVERALL
E	0.38µm MIN GOLD IN SELECTED AREA (2 SIDES) AND 3.00µm MIN TIN IN SELECTED AREA AND 1.30µm MIN NICKEL OVERALL
F	0.76µm MIN GOLD IN SELECTED AREA (2 SIDES) AND 3.00µm MIN TIN IN SELECTED AREA AND 1.30µm MIN NICKEL OVERALL
G	0.05-0.10µm GOLD FLASH IN SELECTED AREA (2 SIDES) AND 3.00µm MIN TIN IN SELECTED AREA AND 1.30µm MIN NICKEL OVERALL

DIM
C (± 0.20)
 $\pm .008$
(6.75)
.266

DIM
D (± 0.25)
 $\pm .010$
(2.90)
.114

CIRCUIT SIZE	PLATING TYPE A PART NO.	PLATING TYPE E PART NO.	PLATING TYPE F PART NO.	PLATING TYPE G PART NO.
1 X 1	90121-0121	90121-0761	90121-0921	90121-1081
1 X 2	-0122	-0762	-0922	-1082
1 X 3	-0123	-0763	-0923	-1083
1 X 4	-0124	-0764	-0924	-1084
1 X 5	-0125	-0765	-0925	-1085
1 X 6	-0126	-0766	-0926	-1086
1 X 7	-0127	-0767	-0927	-1087
1 X 8	-0128	-0768	-0928	-1088
1 X 9	-0129	-0769	-0929	-1089
1 X 10	-0130	-0770	-0930	-1090
1 X 11	-0131	-0771	-0931	-1091
1 X 12	-0132	-0772	-0932	-1092
1 X 13	-0133	-0773	-0933	-1093
1 X 14	-0134	-0774	-0934	-1094
1 X 15	-0135	-0775	-0935	-1095
1 X 16	-0136	-0776	-0936	-1096
1 X 17	-0137	-0777	-0937	-1097
1 X 18	-0138	-0778	-0938	-1098
1 X 19	-0139	-0779	-0939	-1099
1 X 20	-0140	-0780	-0940	-1100
1 X 21	-0141	-0781	-0941	-1101
1 X 22	-0142	-0782	-0942	-1102
1 X 23	-0143	-0783	-0943	-1103
1 X 24	-0144	-0784	-0944	-1104
1 X 25	-0145	-0785	-0945	-1105
1 X 26	-0146	-0786	-0946	-1106
1 X 27	-0147	-0787	-0947	-1107
1 X 28	-0148	-0788	-0948	-1108
1 X 29	-0149	-0789	-0949	-1109
1 X 30	-0150	-0790	-0950	-1110
1 X 31	-0151	-0791	-0951	-1111
1 X 32	-0152	-0792	-0952	-1112
1 X 33	-0153	-0793	-0953	-1113
1 X 34	-0154	-0794	-0954	-1114
1 X 35	-0155	-0795	-0955	-1115
1 X 36	-0156	-0796	-0956	-1116
1 X 37	-0157	-0797	-0957	-1117
1 X 38	-0158	-0798	-0958	-1118
1 X 39	-0159	-0799	-0959	-1119
1 X 40	90121-0160	90121-0800	90121-0960	90121-1120

CHANGE DOC. NO. EC NO: S2012-0965 2012/07/03 DRWN:ATSEE CHKD:SKANG 2012/07/25 APPR:MLONG 2012/07/25	DESCRIPTION	QUALITY SYMBOLS $F_A=0$ $F_G=0$ $F_P=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY DB	DATE 1987/07/16	TITLE C-GRID III SINGLE ROW RIGHT ANGLE HEADER MOLEX INCORPORATED					
			4 PLACES	$\pm$ ---	$\pm$ ---	CHECKED BY	DATE 1987/07/16						
			3 PLACES	$\pm$ ---	$\pm$ ---	APPROVED BY	DATE 2012/02/24						
			2 PLACES	± 0.20	$\pm$ ---	MLONG		MOLEX					
			1 PLACE	$\pm$ ---	$\pm$ ---	ANGULAR $\pm 3^\circ$		DOCUMENT NO.					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SEE TABLE		SD-90121-001				
					SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
									SHEET NO. 2 OF 2				