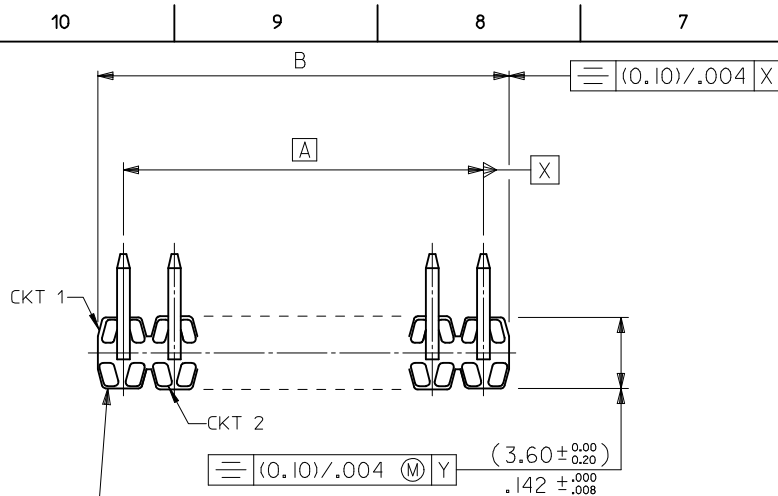
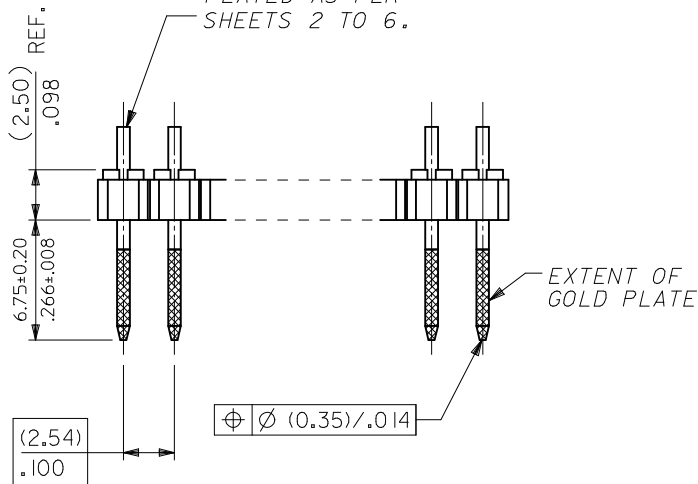




WAFER: 15% GLASS FILLED POLYESTER
TO UL 94V-0.
COLOUR: BLACK.

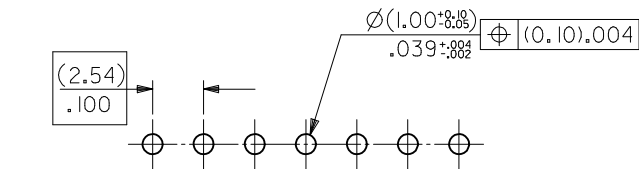
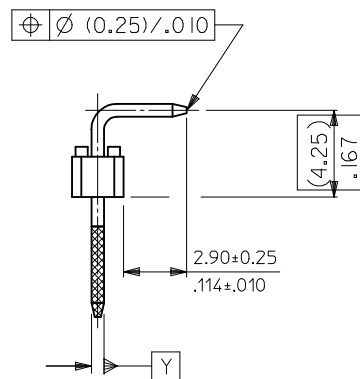
PINS: $(0.635)/.025 \text{ SQ.}$
BRASS WIRE.
PLATED AS PER
SHEETS 2 TO 6.



NOTES

- PLEASE REFER TO SHT 2 FOR PLATING DETAILS.
- PLEASE REFER TO SHT 3-7 FOR DIMENSIONS C & D.
- RECOMMENDED PCB THICKNESS 1.6MM
- PRODUCT SPECIFICATION: PS-99020-0001.
- PACKAGING REFER TO PK-90120-100

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



RECOMMENDED PCB HOLE PATTERN

ADD SHT 3 EC NO: S2013-0915 DRWN:ATSEE CHK'D:GOH APPR:KHLIM	2013/06/28 2014/11/26 2014/11/28	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
						MM ONLY		NTS	METRIC				
M1	REV		QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
						MM ONLY		NTS	METRIC				
								</					

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

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

ADD SHT 3 EC NO: S2013-0915 DRW:NATSEE 2013/06/28 CH:KD:G0H 2014/11/26 APPR:KHLIM 2014/11/28	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION																		
		$\nabla_F=0$ $\nabla_E=0$ $\nabla_F=0$	<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>±---</td> </tr> <tr> <td>2 PLACES</td> <td>±0.20</td> <td>±---</td> </tr> <tr> <td>1 PLACE</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </table>		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±0.20	±---	1 PLACE	±---	±---	0 PLACE	±	±	MM ONLY	NTS	METRIC	
			mm	INCH																					
		4 PLACES	±---	±---																					
3 PLACES	±---	±---																							
2 PLACES	±0.20	±---																							
1 PLACE	±---	±---																							
0 PLACE	±	±																							
ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY DB DATE 1987/07/16 CHECKED BY DB DATE 1987/07/16 APPROVED BY MLONG DATE 2012/02/24 MATERIAL NO. SEE TABLE	TITLE C-GRID III SINGLE ROW RIGHT ANGLE HEADER DOCUMENT NO. SD-90121-001	SHEET NO. 2 OF 3																						
SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																							

ASSEMBLIES WITH VOIDED CIRCUIT OPTION

PART NO.	CKT SIZE	VOID CKT	PLATING
90121-1224	1 X 4	3	A

ADD SHT 3 EC NO: S2013-0915 DRWN:ATSEE 2013/06/28 CHKD:CGOH 2014/11/26 APPR:KHLIM 2014/11/28 M1	DESCRIPTION REV	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 C-GRID III SINGLE ROW RIGHT ANGLE HEADER molex SD-90121-001	SHEET NO. 3 OF 3	
					DRAWN BY DB		DATE 1987/07/16			TITLE	
					CHECKED BY DB		DATE 1987/07/16				
					APPROVED BY MLONG		DATE 2012/02/24				
					MATERIAL NO.		DOCUMENT NO.				
					ANGULAR ± 3 °		SEE TABLE				
					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	