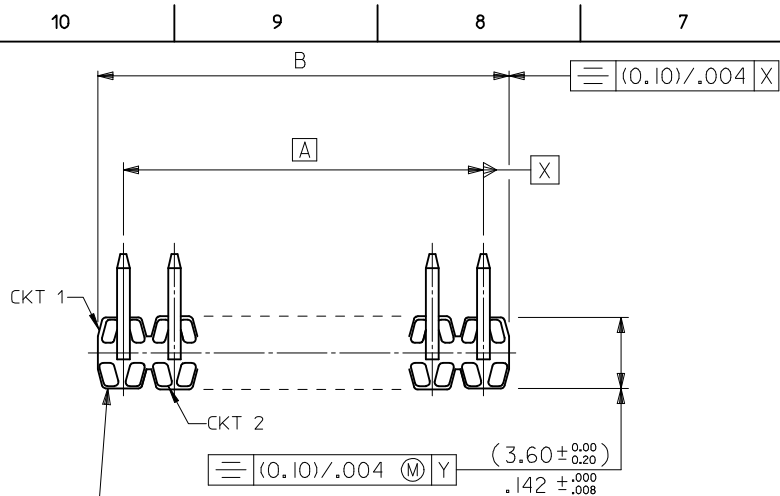
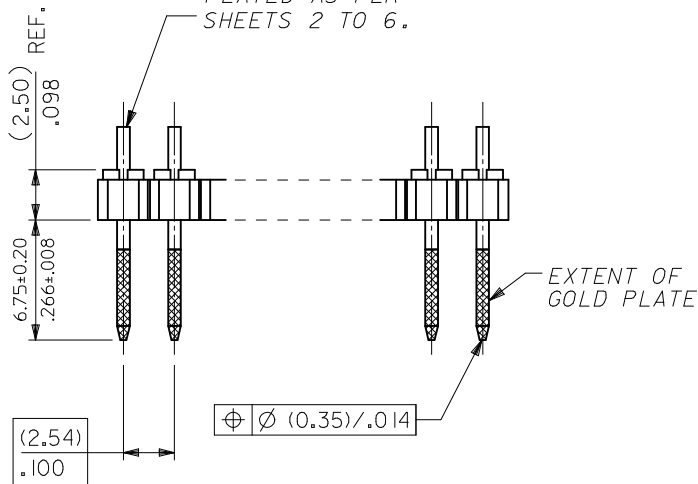




WAFER: 15% GLASS FILLED POLYESTER
TO UL 94V-0.
COLOUR: BLACK.

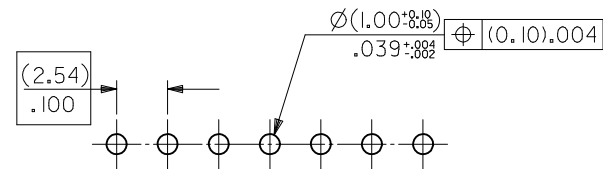
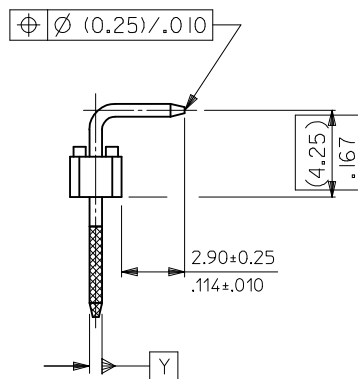
PINS: $(0.635)/.025 \text{ SQ.}$
BRASS WIRE.
PLATED AS PER
SHEETS 2 TO 6.



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" $(\pm 0.20 \pm .008)$		CKT SIZE	DIM. "A"		DIM. "B" $(\pm 0.20 \pm .008)$	
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 DRAWN: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					
REV		M1			QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS		THIRD ANGLE PROJECTION
								MM ONLY					
ADD SHT 3 EC NO: S2013-0915 DRAWN: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					
REV		M1			QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS		THIRD ANGLE PROJECTION
								MM ONLY					

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 2013/06/28 DRW:ATSEE 2014/11/26 CH:KD:G0H APPR:KHLIM 2014/11/28	QUALITY SYMBOLS ▽=0 ▽=0 ▽=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			
		4 PLACES	± ---	± ---	CHECKED BY DB	DATE 1987/07/16				
		3 PLACES	± ---	± ---	APPROVED BY	DATE	molex			
2 PLACES	± 0.20	± ---	M LONG	2012/02/24						
1 PLACE	± ---	± ---	MATERIAL NO.		DOCUMENT NO.		SHEET NO. 2 OF 3			
0 PLACE	±	±	SEE TABLE		SD-90121-001					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

E

D

C

B

A

9	8	7	6	5	4	3	2	1
---	---	---	---	---	---	---	---	---