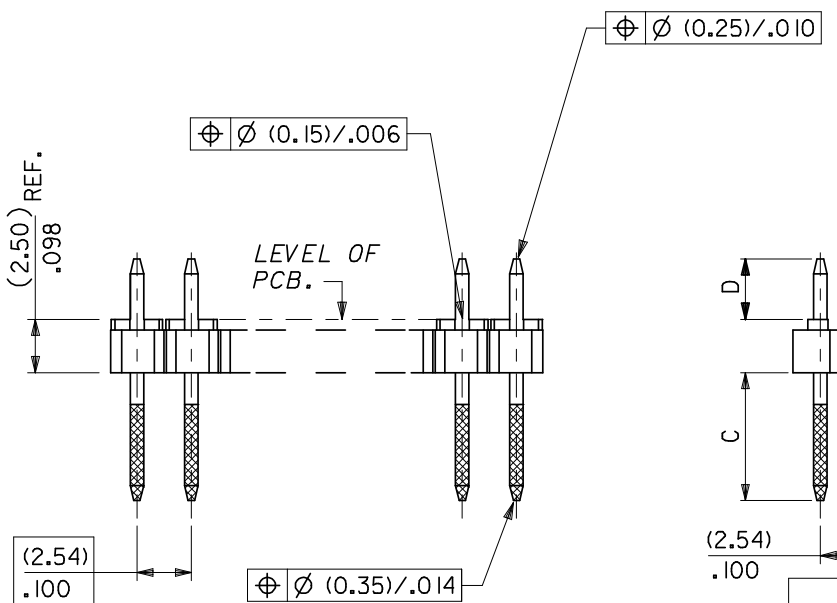


WAFER: 15% GLASS FILLED POLYESTER  
TO UL 94V-0.  
COLOUR: BLACK.



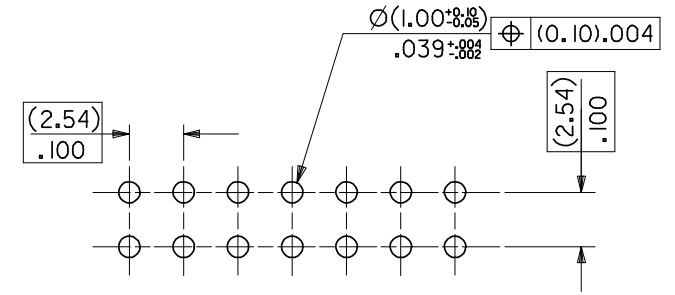
PINS: (0.635) / .025 SQ.  
BRASS WIRE.  
PLATED AS PER  
SHEETS 2 TO 6.

EXTENT OF  
GOLD PLATE

CKT SIZE	DIM." A"		DIM." B" $(+0.20 / -0.08)$		CKT SIZE	DIM." A"		DIM." B" $(+0.20 / -0.08)$	
2X 1			(2.54)	.100	2X21	(50.80)	2.000	(53.34)	2.100
2X 2	(2.54)	.100	(5.08)	.200	2X22	(53.34)	2.100	(55.88)	2.200
2X 3	(5.08)	.200	(7.62)	.300	2X23	(55.88)	2.200	(58.42)	2.300
2X 4	(7.62)	.300	(10.16)	.400	2X24	(58.42)	2.300	(60.96)	2.400
2X 5	(10.16)	.400	(12.70)	.500	2X25	(60.96)	2.400	(63.50)	2.500
2X 6	(12.70)	.500	(15.24)	.600	2X26	(63.50)	2.500	(66.04)	2.600
2X 7	(15.24)	.600	(17.78)	.700	2X27	(66.04)	2.600	(68.58)	2.700
2X 8	(17.78)	.700	(20.32)	.800	2X28	(68.58)	2.700	(71.12)	2.800
2X 9	(20.32)	.800	(22.86)	.900	2X29	(71.12)	2.800	(73.66)	2.900
2X10	(22.86)	.900	(25.40)	1.000	2X30	(73.66)	2.900	(76.20)	3.000
2X11	(25.40)	1.000	(27.94)	1.100	2X31	(76.20)	3.000	(78.74)	3.100
2X12	(27.94)	1.100	(30.48)	1.200	2X32	(78.74)	3.100	(81.28)	3.200
2X13	(30.48)	1.200	(33.02)	1.300	2X33	(81.28)	3.200	(83.82)	3.300
2X14	(33.02)	1.300	(35.56)	1.400	2X34	(83.82)	3.300	(86.36)	3.400
2X15	(35.56)	1.400	(38.10)	1.500	2X35	(86.36)	3.400	(88.90)	3.500
2X16	(38.10)	1.500	(40.64)	1.600	2X36	(88.90)	3.500	(91.44)	3.600
2X17	(40.64)	1.600	(43.18)	1.700	2X37	(91.44)	3.600	(93.98)	3.700
2X18	(43.18)	1.700	(45.72)	1.800	2X38	(93.98)	3.700	(96.52)	3.800
2X19	(45.72)	1.800	(48.26)	1.900	2X39	(96.52)	3.800	(99.06)	3.900
2X20	(48.26)	1.900	(50.80)	2.000	2X40	(99.06)	3.900	(101.60)	4.000

NOTES

1. FOR ASSY NUMBERS WITH FINISH OPTIONS  
AND DIM'S C & D SEE SHEETS 2 TO 7.



RECOMMENDED P.C. BOARD HOLE PATTERN

NOTES  
2. RECOMMENDED PCB THICKNESS 1.6MM  
3. PRODUCT SPECIFICATION: PS-99020-0001

ADDED NOTES
EC NO: E2008-0337
DRWN: KIERAN
CHKD: 2008/02/15
APPR: BMAGUIRE
2008/02/15

QUALITY SYMBOLS	DESCRIPTION
▼	=
∇	=

GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm
4 PLACES	±---
3 PLACES	±---
2 PLACES	±---
1 PLACE	±---
ANGULAR ±---°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
DB	16/7/87
CHECKED BY	DATE
APPROVED BY	DATE
MATERIAL NO.	SEE CHART
DOCUMENT NO.	SDA-90131

SCALE	4:1
DESIGN UNITS	METRIC
THIRD ANGLE PROJECTION	
C GRID III DUAL ROW STRAIGHT PIN HEADER	
MOLEX INCORPORATED	
SHEET NO.	1 OF 7
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

10		9		8		7		6		5		4		3		2		1		
PART NO. SEE CHART SDA-90131	CIRCUIT SIZE	PLATING TYPE B	PLATING TYPE C	PLATING TYPE D	PLATING TYPE G	CIRCUIT SIZE	PLATING TYPE B	PLATING TYPE C	PLATING TYPE D	PLATING TYPE G	CIRCUIT SIZE	PLATING TYPE B	PLATING TYPE C	PLATING TYPE D	PLATING TYPE G	CIRCUIT SIZE	PLATING TYPE B	PLATING TYPE C	PLATING TYPE D	PLATING TYPE G
		PART NO.	PART NO.	PART NO.	PART NO.		PART NO.	PART NO.	PART NO.	PART NO.		PART NO.	PART NO.	PART NO.	PART NO.		PART NO.	PART NO.	PART NO.	
2 X 1	90131-0281	90131-0441	90131-0601	90131-1081	2 X 1	90131-0201	90131-0361	90131-0521	90131-1001	2 X 1	90131-0240	90131-0400	90131-0560	90131-1040						
2 X 2	▲ -0282	▲ -0442	▲ -0602	▲ -1082	2 X 2	▲ -0202	▲ -0362	▲ -0522	▲ -1002	2 X 2	▲ -0202	▲ -0362	▲ -0522	▲ -1002						
2 X 3	-0283	-0443	-0603	-1083	2 X 3	-0203	-0363	-0523	-1003	2 X 3	-0203	-0363	-0523	-1003						
2 X 4	-0284	-0444	-0604	-1084	2 X 4	-0204	-0364	-0524	-1004	2 X 4	-0204	-0364	-0524	-1004						
2 X 5	-0285	-0445	-0605	-1085	2 X 5	-0205	-0365	-0525	-1005	2 X 5	-0205	-0365	-0525	-1005						
2 X 6	-0286	-0446	-0606	-1086	2 X 6	-0206	-0366	-0526	-1006	2 X 6	-0206	-0366	-0526	-1006						
2 X 7	-0287	-0447	-0607	-1087	2 X 7	-0207	-0367	-0527	-1007	2 X 7	-0207	-0367	-0527	-1007						
2 X 8	-0288	-0448	-0608	-1088	2 X 8	-0208	-0368	-0528	-1008	2 X 8	-0208	-0368	-0528	-1008						
2 X 9	-0289	-0449	-0609	-1089	2 X 9	-0209	-0369	-0529	-1009	2 X 9	-0209	-0369	-0529	-1009						
2 X 10	-0290	-0450	-0610	-1090	2 X 10	-0210	-0370	-0530	-1010	2 X 10	-0210	-0370	-0530	-1010						
2 X 11	-0291	-0451	-0611	-1091	2 X 11	-0211	-0371	-0531	-1011	2 X 11	-0211	-0371	-0531	-1011						
2 X 12	-0292	-0452	-0612	-1092	2 X 12	-0212	-0372	-0532	-1012	2 X 12	-0212	-0372	-0532	-1012						
2 X 13	-0293	-0453	-0613	-1093	2 X 13	-0213	-0373	-0533	-1013	2 X 13	-0213	-0373	-0533	-1013						
2 X 14	-0294	-0454	-0614	-1094	2 X 14	-0214	-0374	-0534	-1014	2 X 14	-0214	-0374	-0534	-1014						
2 X 15	-0295	-0455	-0615	-1095	2 X 15	-0215	-0375	-0535	-1015	2 X 15	-0215	-0375	-0535	-1015						
2 X 16	-0296	-0456	-0616	-1096	2 X 16	-0216	-0376	-0536	-1016	2 X 16	-0216	-0376	-0536	-1016						
2 X 17	-0297	-0457	-0617	-1097	2 X 17	-0217	-0377	-0537	-1017	2 X 17	-0217	-0377	-0537	-1017						
2 X 18	-0298	-0458	-0618	-1098	2 X 18	-0218	-0378	-0538	-1018	2 X 18	-0218	-0378	-0538	-1018						
2 X 19	-0299	-0459	-0619	-1099	2 X 19	-0219	-0379	-0539	-1019	2 X 19	-0219	-0379	-0539	-1019						
2 X 20	-0300	-0460	-0620	-1100	2 X 20	-0220	-0380	-0540	-1020	2 X 20	-0220	-0380	-0540	-1020						
2 X 21	-0301	-0461	-0621	-1101	2 X 21	-0221	-0381	-0541	-1021	2 X 21	-0221	-0381	-0541	-1021						
2 X 22	-0302	-0462	-0622	-1102	2 X 22	-0222	-0382	-0542	-1022	2 X 22	-0222	-0382	-0542	-1022						
2 X 23	-0303	-0463	-0623	-1103	2 X 23	-0223	-0383	-0543	-1023	2 X 23	-0223	-0383	-0543	-1023						
2 X 24	-0304	-0464	-0624	-1104	2 X 24	-0224	-0384	-0544	-1024	2 X 24	-0224	-0384	-0544	-1024						
2 X 25	-0305	-0465	-0625	-1105	2 X 25	-0225	-0385	-0545	-1025	2 X 25	-0225	-0385	-0545	-1025						
2 X 26	-0306	-0466	-0626	-1106	2 X 26	-0226	-0386	-0546	-1026	2 X 26	-0226	-0386	-0546	-1026						
2 X 27	-0307	-0467	-0627	-1107	2 X 27	-0227	-0387	-0547	-1027	2 X 27	-0227	-0387	-0547	-1027						
2 X 28	-0308	-0468	-0628	-1108	2 X 28	-0228	-0388	-0548	-1028	2 X 28	-0228	-0388	-0548	-1028						
2 X 29	-0309	-0469	-0629	-1109	2 X 29	-0229	-0389	-0549	-1029	2 X 29	-0229	-0389	-0549	-1029						
2 X 30	-0310	-0470	-0630	-1110	2 X 30	-0230	-0390	-0550	-1030	2 X 30	-0230	-0390	-0550	-1030						
2 X 31	-0311	-0471	-0631	-1111	2 X 31	-0231	-0391	-0551	-1031	2 X 31	-0231	-0391	-0551	-1031						
2 X 32	-0312	-0472	-0632	-1112	2 X 32	-0232	-0392	-0552	-1032	2 X 32	-0232	-0392	-0552	-1032						
2 X 33	-0313	-0473	-0633	-1113	2 X 33	-0233	-0393	-0553	-1033	2 X 33	-0233	-0393	-0553	-1033						
2 X 34	-0314	-0474	-0634	-1114	2 X 34	-0234	-0394	-0554	-1034	2 X 34	-0234	-0394	-0554	-1034						
2 X 35	-0315	-0475	-0635	-1115	2 X 35	-0235	-0395	-0555	-1035	2 X 35	-0235	-0395	-0555	-1035						
2 X 36	-0316	-0476	-0636	-1116	2 X 36	-0236	-0396	-0556	-1036	2 X 36	-0236	-0396	-0556	-1036						
2 X 37	-0317	-0477	-0637	-1117	2 X 37	-0237	-0397	-0557	-1037	2 X 37	-0237	-0397	-0557	-1037						
2 X 38	-0318	-0478	-0638	-1118	2 X 38	-0238	-0398	-0558	-1038	2 X 38	-0238	-0398	-0558	-1038						
2 X 39	▼ -0319	▼ -0479	▼ -0639	▼ -1119	2 X 39	▼ -0239	▼ -0399	▼ -0559	▼ -1039	2 X 39	▼ -0239	▼ -0399	▼ -0559	▼ -1039						
2 X 40	90131-0320	90131-0480	90131-0640	90131-1120	2 X 40	90131-0240	90131-0400	90131-0560	90131-1040	2 X 40	90131-0240	90131-0400	90131-0560	90131-1040						

DIM C (+0.20/-0.008) (6.75) .266

DIM D (+0.20/0.30/-0.008/-0.012) (2.90) .114

DIM C (+0.20/-0.008) (5.75) .226

DIM D (+0.20/0.30/-0.008/-0.012) (2.90) .114

NO RELEASE  
FOR REFERENCE  
USE ONLY

NOTES:  
FOR PLATING VARIATIONS SEE  
ENG.STD. SDES-99000-0003.

**NON-STANDARD PRODUCTS  
NOT FOR GENERAL RELEASE**

FOR PREVIOUS  
DRAWING ISSUES  
SEE MRI.

THIRD ANGLE PROJECTION		REVISE ONLY ON CAD SYSTEM		SH.	REV.									
DIMENSIONS SHOWN ( METRIC ) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 2°		DRWG BY <b>DB</b>	CAD/CAM FILENAME SA90131X5 DGN											
<table border="1"> <tr><td>3 PLACE</td><td>± .---</td><td>± ---</td></tr> <tr><td>2 PLACE</td><td>± .---</td><td>± ---</td></tr> <tr><td>1 PLACE</td><td>± .---</td><td>± ---</td></tr> </table>		3 PLACE	± .---	± ---	2 PLACE	± .---	± ---	1 PLACE	± .---	± ---	CHK'D BY	TITLE <b>C-GRID III DUAL ROW STRAIGHT PIN HEADER</b>		
3 PLACE	± .---	± ---												
2 PLACE	± .---	± ---												
1 PLACE	± .---	± ---												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APP'D BY	SHEET NO. DATE 50F 16/ 7/87											
DESIGN DIMENSION <input checked="" type="checkbox"/> (MM) (PRIMARY) <input type="checkbox"/> IN.		SCALE	PART NO. DWG NO. SIZE SEE CHART SDA-90131 B											
EQUIVALENT DIMENSION <input type="checkbox"/> (MM) (SECONDARY) <input checked="" type="checkbox"/> IN.														