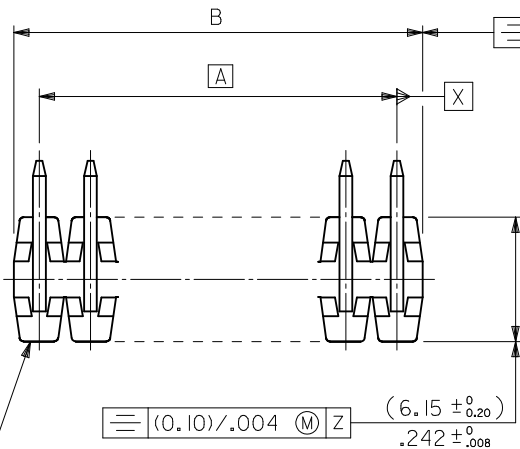
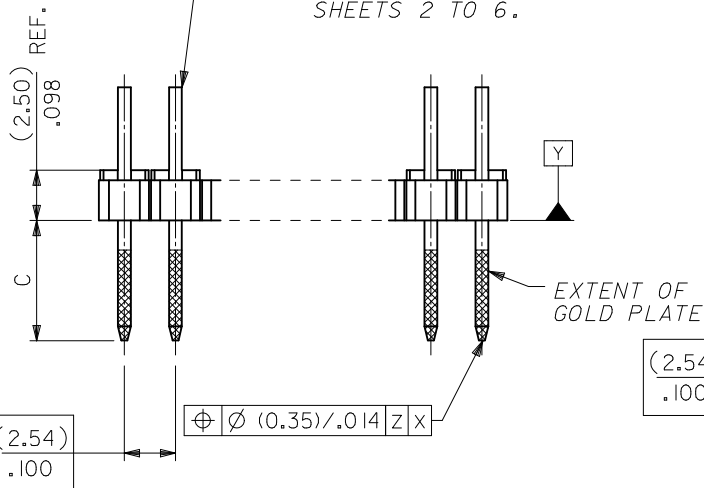




WAFER: 15% GLASS FILLED POLYESTER
TO UL 94V-0.
COLOUR: BLACK.

PINS: (0.650)/.0255 SQ.
BRASS WIRE.
PLATED AS PER
SHEETS 2 TO 6.

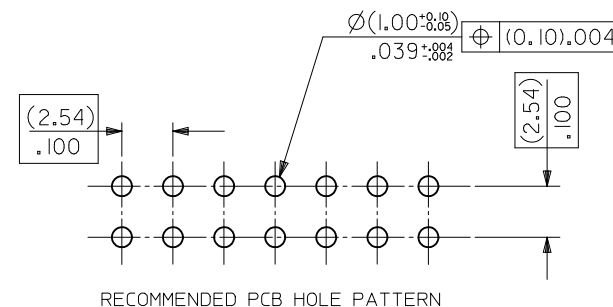


NOTES
2. RECOMMENDED PCB THICKNESS: 1.6MM
3. PRODUCT SPECIFICATION: PS-99020-0001

CKT SIZE	DIM. " A "		DIM. " B " ^(+0.20 -0.35 +0.008 -0.014)		CKT SIZE	DIM. " A "		DIM. " B " ^(±0.20 ±.008)	
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 6.



RECOMMENDED PCB HOLE PATTERN

REVISE PIN DIM		2011/10/21		2011/10/31		DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
EC NO: S2012-0325		DRWNS:KANG		CHKD:ATSEE						MM ONLY		NTS	METRIC		
APPR:MLONG										DRAWN BY		DATE		TITLE	
										CHECKED BY		DATE			
										APPROVED BY		DATE			
								DB		16/07/87		C-GRID III DUAL ROW RIGHT ANGLE HEADER			
								DB		1987/07/16					
								1 PLACE		1987/07/16		MOLEX INCORPORATED			
								ANGULAR							
								DRAFT WHERE APPLICABLE		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
								MUST REMAIN		SEE TABLE		SDA-90122		1 OF 6	
								WITHIN DIMENSIONS		SIZE					
										A3					

	10	9	8	7	6	5	4	3	2	1	
F		CIRCUIT SIZE	PLATING TYPE A PART NO.	PLATING TYPE E PART NO.	PLATING TYPE F PART NO.		CIRCUIT SIZE	PLATING TYPE A PART NO.	PLATING TYPE E PART NO.	PLATING TYPE F PART NO.	F
		2 X 1	90122-0041	90122-0681	90122-0841		2 X 1	90122-0081	90122-0721	90122-0881	
		2 X 2	▲ -0042	▲ -0682	▲ -0842		2 X 2	▲ -0082	▲ -0722	▲ -0882	
		2 X 3	-0043	-0683	-0843		2 X 3	-0083	-0723	-0883	
		2 X 4	-0044	-0684	-0844		2 X 4	-0084	-0724	-0884	
		2 X 5	-0045	-0685	-0845		2 X 5	-0085	-0725	-0885	
		2 X 6	-0046	-0686	-0846		2 X 6	-0086	-0726	-0886	
		2 X 7	-0047	-0687	-0847		2 X 7	-0087	-0727	-0887	
		2 X 8	-0048	-0688	-0848		2 X 8	-0088	-0728	-0888	
		2 X 9	-0049	-0689	-0849		2 X 9	-0089	-0729	-0889	
		2 X 10	-0050	-0690	-0850		2 X 10	-0090	-0730	-0890	
		2 X 11	-0051	-0691	-0851		2 X 11	-0091	-0731	-0891	
		2 X 12	-0052	-0692	-0852		2 X 12	-0092	-0732	-0892	
		2 X 13	-0053	-0693	-0853		2 X 13	-0093	-0733	-0893	
		2 X 14	-0054	-0694	-0854		2 X 14	-0094	-0734	-0894	
		2 X 15	-0055	-0695	-0855		2 X 15	-0095	-0735	-0895	
		2 X 16	-0056	-0696	-0856		2 X 16	-0096	-0736	-0896	
		2 X 17	-0057	-0697	-0857		2 X 17	-0097	-0737	-0897	
		2 X 18	-0058	-0698	-0858		2 X 18	-0098	-0738	-0898	
		2 X 19	-0059	-0699	-0859		2 X 19	-0099	-0739	-0899	
		2 X 20	-0060	-0700	-0860		2 X 20	-0100	-0740	-0900	
		2 X 21	-0061	-0701	-0861		2 X 21	-0101	-0741	-0901	
		2 X 22	-0062	-0702	-0862		2 X 22	-0102	-0742	-0902	
		2 X 23	-0063	-0703	-0863		2 X 23	-0103	-0743	-0903	
		2 X 24	-0064	-0704	-0864		2 X 24	-0104	-0744	-0904	
		2 X 25	-0065	-0705	-0865		2 X 25	-0105	-0745	-0905	
		2 X 26	-0066	-0706	-0866		2 X 26	-0106	-0746	-0906	
		2 X 27	-0067	-0707	-0867		2 X 27	-0107	-0747	-0907	
		2 X 28	-0068	-0708	-0868		2 X 28	-0108	-0748	-0908	
		2 X 29	-0069	-0709	-0869		2 X 29	-0109	-0749	-0909	
		2 X 30	-0070	-0710	-0870		2 X 30	-0110	-0750	-0910	
		2 X 31	-0071	-0711	-0871		2 X 31	-0111	-0751	-0911	
		2 X 32	-0072	-0712	-0872		2 X 32	-0112	-0752	-0912	
		2 X 33	-0073	-0713	-0873		2 X 33	-0113	-0753	-0913	
		2 X 34	-0074	-0714	-0874		2 X 34	-0114	-0754	-0914	
		2 X 35	-0075	-0715	-0875		2 X 35	-0115	-0755	-0915	
		2 X 36	-0076	-0716	-0876		2 X 36	-0116	-0756	-0916	
		2 X 37	-0077	-0717	-0877		2 X 37	-0117	-0757	-0917	
		2 X 38	-0078	-0718	-0878		2 X 38	-0118	-0758	-0918	
		2 X 39	▼ -0079	▼ -0719	▼ -0879		2 X 39	▼ -0119	▼ -0759	▼ -0919	
		2 X 40	90122-0080	90122-0720	90122-0880		2 X 40	90122-0120	90122-0760	90122-0920	
E		DIM C (± 0.20) $\pm .008$ (5.75) .226					DIM C (± 0.20) $\pm .008$ (5.75) .226				E
D		DIM D (± 0.25) $\pm .010$ (2.90) .114					DIM D (± 0.25) $\pm .010$ (4.50) .177				D
C											C
B											B

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

REVISE PIN DIM			2011/10/21 2011/10/31 2011/10/31			DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
EC NO: S2012-0325			DRWN:SKANG CHKD:ATSEE APPR:MLONG							MM ONLY		NTS	METRIC		
								mm INCH		DRAWN BY DATE		TITLE C-GRID III DUAL ROW RIGHT ANGLE HEADER			
								4 PLACES ± --- ± ---		DB 16/07/87					
								3 PLACES ± --- ± ---		CHECKED BY DATE		MOLEX INCORPORATED			
								2 PLACES ± 0.05 ± .002		DB 1987/07/16					
						1 PLACE ± --- ± ---		APPROVED BY DATE		SDA-90122					
						ANGULAR ± ---°		DB 1987/07/16							
								MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
								SEE TABLE				3 OF 6			
M2			REV					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			

	10		9		8		7		6		5		4		3		2		1				
F			CIRCUIT SIZE		PLATING TYPE B PART NO.		PLATING TYPE C PART NO.		PLATING TYPE D PART NO.		PLATING TYPE G PART NO.			CIRCUIT SIZE		PLATING TYPE B PART NO.		PLATING TYPE C PART NO.		PLATING TYPE D PART NO.		PLATING TYPE G PART NO.	F
			2 X 1		90122-0281		90122-0441		90122-0601		90122-1081			2 X 1		90122-0201		90122-0361		90122-0521		90122-1001	
			2 X 2		▲ -0282		▲ -0442		▲ -0602		▲ -1082			2 X 2		▲ -0202		▲ -0362		▲ -0522		▲ -1002	
			2 X 3		-0283		-0443		-0603		-1083			2 X 3		-0203		-0363		-0523		-1003	
			2 X 4		-0284		-0444		-0604		-1084			2 X 4		-0204		-0364		-0524		-1004	
			2 X 5		-0285		-0445		-0605		-1085			2 X 5		-0205		-0365		-0525		-1005	
			2 X 6		-0286		-0446		-0606		-1086			2 X 6		-0206		-0366		-0526		-1006	
			2 X 7		-0287		-0447		-0607		-1087			2 X 7		-0207		-0367		-0527		-1007	
			2 X 8		-0288		-0448		-0608		-1088			2 X 8		-0208		-0368		-0528		-1008	
			2 X 9		-0289		-0449		-0609		-1089			2 X 9		-0209		-0369		-0529		-1009	
			2 X 10		-0290		-0450		-0610		-1090			2 X 10		-0210		-0370		-0530		-1010	
			2 X 11		-0291		-0451		-0611		-1091			2 X 11		-0211		-0371		-0531		-1011	
			2 X 12		-0292		-0452		-0612		-1092			2 X 12		-0212		-0372		-0532		-1012	
			2 X 13		-0293		-0453		-0613		-1093			2 X 13		-0213		-0373		-0533		-1013	
			2 X 14		-0294		-0454		-0614		-1094			2 X 14		-0214		-0374		-0534		-1014	
			2 X 15		-0295		-0455		-0615		-1095			2 X 15		-0215		-0375		-0535		-1015	
			2 X 16		-0296		-0456		-0616		-1096			2 X 16		-0216		-0376		-0536		-1016	
			2 X 17		-0297		-0457		-0617		-1097			2 X 17		-0217		-0377		-0537		-1017	
			2 X 18		-0298		-0458		-0618		-1098			2 X 18		-0218		-0378		-0538		-1018	
			2 X 19		-0299		-0459		-0619		-1099			2 X 19		-0219		-0379		-0539		-1019	
			2 X 20		-0300		-0460		-0620		-1100			2 X 20		-0220		-0380		-0540		-1020	
			2 X 21		-0301		-0461		-0621		-1101			2 X 21		-0221		-0381		-0541		-1021	
			2 X 22		-0302		-0462		-0622		-1102			2 X 22		-0222		-0382		-0542		-1022	
			2 X 23		-0303		-0463		-0623		-1103			2 X 23		-0223		-0383		-0543		-1023	
			2 X 24		-0304		-0464		-0624		-1104			2 X 24		-0224		-0384		-0544		-1024	
			2 X 25		-0305		-0465		-0625		-1105			2 X 25		-0225		-0385		-0545		-1025	
			2 X 26		-0306		-0466		-0626		-1106			2 X 26		-0226		-0386		-0546		-1026	
			2 X 27		-0307		-0467		-0627		-1107			2 X 27		-0227		-0387		-0547		-1027	
			2 X 28		-0308		-0468		-0628		-1108			2 X 28		-0228		-0388		-0548		-1028	
			2 X 29		-0309		-0469		-0629		-1109			2 X 29		-0229		-0389		-0549		-1029	
			2 X 30		-0310		-0470		-0630		-1110			2 X 30		-0230		-0390		-0550		-1030	
			2 X 31		-0311		-0471		-0631		-1111			2 X 31		-0231		-0391		-0551		-1031	
			2 X 32		-0312		-0472		-0632		-1112			2 X 32		-0232		-0392		-0552		-1032	
			2 X 33		-0313		-0473		-0633		-1113			2 X 33		-0233		-0393		-0553		-1033	
			2 X 34		-0314		-0474		-0634		-1114			2 X 34		-0234		-0394		-0554		-1034	
			2 X 35		-0315		-0475		-0635		-1115			2 X 35		-0235		-0395		-0555		-1035	
			2 X 36		-0316		-0476		-0636		-1116			2 X 36		-0236		-0396		-0556		-1036	
			2 X 37		-0317		-0477		-0637		-1117			2 X 37		-0237		-0397		-0557		-1037	
			2 X 38		-0318		-0478		-0638		-1118			2 X 38		-0238		-0398		-0558		-1038	
			2 X 39		▼ -0319		▼ -0479		▼ -0639		▼ -1119			2 X 39		▼ -0239		▼ -0399		▼ -0559		▼ -1039	
			2 X 40		90122-0320		90122-0480		90122-0640		90122-1120			2 X 40		90122-0240		90122-0400		90122-0560		90122-1040	

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

REVISE PIN DIM EC NO: S2012-0325		2011/10/21	DRWN:SKANG	2011/10/31	CHKD:ATSEE	2011/10/31	APPR:MLONG	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
											mm	INCH	DRAWN BY	DATE	TITLE				
										▽ _A =0	4 PLACES	± ---	± ---	DB	16/07/87	C-GRID III DUAL ROW RIGHT ANGLE HEADER MOLEX INCORPORATED			
										▽ _B =0	3 PLACES	± ---	± ---	CHECKED BY	DATE				
										▽ _C =0	2 PLACES	± 0.05	± .002	DB	1987/07/16				
										▽ _D =0	1 PLACE	± ---	± ---	APPROVED BY	DATE				
											ANGULAR ± ---°		DB	1987/07/16	DOCUMENT NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												SEE TABLE		SDA-90122				5 OF 6	
										SIZE A3		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		
F			CIRCUIT SIZE		PLATING TYPE B PART NO.		PLATING TYPE C PART NO.		PLATING TYPE D PART NO.		PLATING TYPE G PART NO.		CIRCUIT SIZE		PLATING TYPE B PART NO.		PLATING TYPE C PART NO.		PLATING TYPE D PART NO.		PLATING TYPE G PART NO.
			2 X 1	90122-0241	90122-0401	90122-0561	90122-1041	2 X 1	90122-0321	90122-0481	90122-0641	90122-1121									
E	DIM C ^{(±0.20) ±.008} (5.75) .226		2 X 2	▲	-0242	▲	-0402	▲	-0562	▲	-1042		2 X 2	▲	-0322	▲	-0482	▲	-0642	▲	-1122
			2 X 3		-0243		-0403		-0563		-1043		2 X 3		-0323		-0483		-0643		-1123
			2 X 4		-0244		-0404		-0564		-1044		2 X 4		-0324		-0484		-0644		-1124
			2 X 5		-0245		-0405		-0565		-1045		2 X 5		-0325		-0485		-0645		-1125
			2 X 6		-0246		-0406		-0566		-1046		2 X 6		-0326		-0486		-0646		-1126
			2 X 7		-0247		-0407		-0567		-1047		2 X 7		-0327		-0487		-0647		-1127
			2 X 8		-0248		-0408		-0568		-1048		2 X 8		-0328		-0488		-0648		-1128
			2 X 9		-0249		-0409		-0569		-1049		2 X 9		-0329		-0489		-0649		-1129
			2 X 10		-0250		-0410		-0570		-1050		2 X 10		-0330		-0490		-0650		-1130
			2 X 11		-0251		-0411		-0571		-1051		2 X 11		-0331		-0491		-0651		-1131
D	DIM D ^{(±0.25) ±.010} (4.50) .177		2 X 12		-0252		-0412		-0572		-1052		2 X 12		-0332		-0492		-0652		-1132
			2 X 13		-0253		-0413		-0573		-1053		2 X 13		-0333		-0493		-0653		-1133
			2 X 14		-0254		-0414		-0574		-1054		2 X 14		-0334		-0494		-0654		-1134
			2 X 15		-0255		-0415		-0575		-1055		2 X 15		-0335		-0495		-0655		-1135
			2 X 16		-0256		-0416		-0576		-1056		2 X 16		-0336		-0496		-0656		-1136
			2 X 17		-0257		-0417		-0577		-1057		2 X 17		-0337		-0497		-0657		-1137
			2 X 18		-0258		-0418		-0578		-1058		2 X 18		-0338		-0498		-0658		-1138
			2 X 19		-0259		-0419		-0579		-1059		2 X 19		-0339		-0499		-0659		-1139
			2 X 20		-0260		-0420		-0580		-1060		2 X 20		-0340		-0500		-0660		-1140
			2 X 21		-0261		-0421		-0581		-1061		2 X 21		-0341		-0501		-0661		-1141
C			2 X 22		-0262		-0422		-0582		-1062		2 X 22		-0342		-0502		-0662		-1142
			2 X 23		-0263		-0423		-0583		-1063		2 X 23		-0343		-0503		-0663		-1143
			2 X 24		-0264		-0424		-0584		-1064		2 X 24		-0344		-0504		-0664		-1144
			2 X 25		-0265		-0425		-0585		-1065		2 X 25		-0345		-0505		-0665		-1145
			2 X 26		-0266		-0426		-0586		-1066		2 X 26		-0346		-0506		-0666		-1146
			2 X 27		-0267		-0427		-0587		-1067		2 X 27		-0347		-0507		-0667		-1147
			2 X 28		-0268		-0428		-0588		-1068		2 X 28		-0348		-0508		-0668		-1148
			2 X 29		-0269		-0429		-0589		-1069		2 X 29		-0349		-0509		-0669		-1149
			2 X 30		-0270		-0430		-0590		-1070		2 X 30		-0350		-0510		-0670		-1150
			2 X 31		-0271		-0431		-0591		-1071		2 X 31		-0351		-0511		-0671		-1151
B			2 X 32		-0272		-0432		-0592		-1072		2 X 32		-0352		-0512		-0672		-1152
			2 X 33		-0273		-0433		-0593		-1073		2 X 33		-0353		-0513		-0673		-1153
			2 X 34		-0274		-0434		-0594		-1074		2 X 34		-0354		-0514		-0674		-1154
			2 X 35		-0275		-0435		-0595		-1075		2 X 35		-0355		-0515		-0675		-1155
			2 X 36		-0276		-0436		-0596		-1076		2 X 36		-0356		-0516		-0676		-1156
			2 X 37		-0277		-0437		-0597		-1077		2 X 37		-0357		-0517		-0677		-1157
			2 X 38		-0278		-0438		-0598		-1078		2 X 38		-0358		-0518		-0678		-1158
			2 X 39	▼	-0279	▼	-0439	▼	-0599	▼	-1079		2 X 39	▼	-0359	▼	-0519	▼	-0679	▼	-1159
			2 X 40	90122-0280	90122-0440	90122-0600	90122-1080	2 X 40	90122-0360	90122-0520	90122-0680	90122-1160									

DIM
C (± 0.20)
 $\pm .008$
(5.75)
.226

DIM
D (± 0.25)
 $\pm .010$
(4.50)
.177

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

DIM
D (± 0.25)
 $\pm .010$
(4.50)
.177

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

REVISE PIN DIM EC NO: S2012-0325 DRWN:SKANG CHKD:ATSEE APPR:MLONG 2011/10/31 2011/10/31 2011/10/31			QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm		INCH	DRAWN BY	DATE	TITLE C-GRID III DUAL ROW RIGHT ANGLE HEADER				
4 PLACES		± ---		± ---	DB	16/07/87					
3 PLACES		± ---		± ---	CHECKED BY	DATE					
2 PLACES		± 0.05		± .002	DB	1987/07/16	MOLEX MOLEX INCORPORATED				
1 PLACE		± ---	± ---	APPROVED BY	DATE						
				DB	1987/07/16						
		ANGULAR ± ---°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SDA-90122		6 OF 6			
M2		REV		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					