



RECOMMENDED PCB HOLE PATTERN

tb_frame_A3_P_AM_T
Rev. F 2009/06/18

	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.															F
		2 X 1	90122-0121	90122-0761	90122-0921															
		2 X 2	▲ -0122	▲ -0762	▲ -0922															
		2 X 3	-0123	-0763	-0923															
		2 X 4	-0124	-0764	-0924															
		2 X 5	-0125	-0765	-0925															
		2 X 6	-0126	-0766	-0926															
		2 X 7	-0127	-0767	-0927															
		2 X 8	-0128	-0768	-0928															
		2 X 9	-0129	-0769	-0929															
E	DIM C (±0.20) ±.008 (6.75) .266	2 X 10	-0130	-0770	-0930															E
		2 X 11	-0131	-0771	-0931															
		2 X 12	-0132	-0772	-0932															
		2 X 13	-0133	-0773	-0933															
		2 X 14	-0134	-0774	-0934															
		2 X 15	-0135	-0775	-0935															
		2 X 16	-0136	-0776	-0936															
		2 X 17	-0137	-0777	-0937															
		2 X 18	-0138	-0778	-0938															
		2 X 19	-0139	-0779	-0939															
D	DIM D (±0.25) ±.010 (2.90) .114	2 X 20	-0140	-0780	-0940															D
		2 X 21	-0141	-0781	-0941															
		2 X 22	-0142	-0782	-0942															
		2 X 23	-0143	-0783	-0943															
		2 X 24	-0144	-0784	-0944															
		2 X 25	-0145	-0785	-0945															
		2 X 26	-0146	-0786	-0946															
		2 X 27	-0147	-0787	-0947															
		2 X 28	-0148	-0788	-0948															
		2 X 29	-0149	-0789	-0949															
C		2 X 30	-0150	-0790	-0950															C
		2 X 31	-0151	-0791	-0951															
		2 X 32	-0152	-0792	-0952															
		2 X 33	-0153	-0793	-0953															
		2 X 34	-0154	-0794	-0954															
		2 X 35	-0155	-0795	-0955															
		2 X 36	-0156	-0796	-0956															
		2 X 37	-0157	-0797	-0957															
		2 X 38	-0158	-0798	-0958															
		2 X 39	▼ -0159	▼ -0799	▼ -0959															
B		2 X 40	90122-0160	90122-0800	90122-0960															B
A	NOTES: FOR PLATING VARIATIONS SEE ENG.STD. SDES-99000-0003.																	A		

	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	

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

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

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

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

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

UPDATE TOL SYMMETRY EC NO: S2010-0867 2010/04/15 DRWN:SKANG CHKD:ATSEE 2010/04/27 APPR:MLONG 2010/04/27 M1	DESCRIPTION REV	QUALITY SYMBOLS <
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	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.													
		2 X 1	90122-0161	90122-0801	90122-0961															
		2 X 2	▲ -0162	▲ -0802	▲ -0962															
		2 X 3	-0163	-0803	-0963															
		2 X 4	-0164	-0804	-0964															
		2 X 5	-0165	-0805	-0965															
		2 X 6	-0166	-0806	-0966															
		2 X 7	-0167	-0807	-0967															
		2 X 8	-0168	-0808	-0968															
		2 X 9	-0169	-0809	-0969															
E	DIM C (±0.20) ±.008 (6.75) .266	2 X 10	-0170	-0810	-0970															
		2 X 11	-0171	-0811	-0971															
		2 X 12	-0172	-0812	-0972															
		2 X 13	-0173	-0813	-0973															
		2 X 14	-0174	-0814	-0974															
		2 X 15	-0175	-0815	-0975															
		2 X 16	-0176	-0816	-0976															
		2 X 17	-0177	-0817	-0977															
		2 X 18	-0178	-0818	-0978															
		2 X 19	-0179	-0819	-0979															
D	DIM D (±0.25) ±.010 (4.50) .177	2 X 20	-0180	-0820	-0980															
		2 X 21	-0181	-0821	-0981															
		2 X 22	-0182	-0822	-0982															
		2 X 23	-0183	-0823	-0983															
		2 X 24	-0184	-0824	-0984															
		2 X 25	-0185	-0825	-0985															
		2 X 26	-0186	-0826	-0986															
		2 X 27	-0187	-0827	-0987															
		2 X 28	-0188	-0828	-0988															
		2 X 29	-0189	-0829	-0989															
C		2 X 30	-0190	-0830	-0990															
		2 X 31	-0191	-0831	-0991															
		2 X 32	-0192	-0832	-0992															
		2 X 33	-0193	-0833	-0993															
		2 X 34	-0194	-0834	-0994															
		2 X 35	-0195	-0835	-0995															
		2 X 36	-0196	-0836	-0996															
		2 X 37	-0197	-0837	-0997															
		2 X 38	-0198	-0838	-0998															
		2 X 39	▼ -0199	▼ -0839	▼ -0999															
B		2 X 40	90122-0200	90122-0840	90122-1000															
A	NOTES: FOR PLATING VARIATIONS SEE ENG.STD. SDES-99000-0003.																			

	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		90122-0281		90122-0441		90122-0601		90122-1081		2 X 1		90122-0201		90122-0361		90122-0521		90122-1001	
E	DIM C (± 0.20 $\pm .008$) (6.75) .266		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	
D	DIM D (± 0.25 $\pm .010$) (2.90) .114		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	
C	DIM D (± 0.25 $\pm .010$) (2.90) .114		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	
B	DIM D (± 0.25 $\pm .010$) (2.90) .114		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	

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

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

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

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

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

UPDATE TOL SYMMETRY EC NO: S2010-0867 DRWN:SKANG CHKD:ATSEE APPR:MLONG 2010/04/15 2010/04/27 2010/04/27	QUALITY SYMBOLS F_A=0 F_B=0 F_P=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY DB	DATE 16/07/87	TITLE C-GRID III DUAL ROW RIGHT ANGLE HEADER				
			4 PLACES	± ---	± ---	CHECKED BY ATSEE	DATE 2010/04/27					
			3 PLACES	± ---	± ---	APPROVED BY MLONG	DATE 2010/04/27					
			2 PLACES	± ---	± ---	MATERIAL NO. SEE TABLE		DOCUMENT NO. SDA-90122		SHEET NO. 5 OF 6		
			1 PLACE	± ---	± ---							
ANGULAR ± ---°		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						
M1	REV											

	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								

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

UPDATE TOL SYMMETRY EC NO: S2010-0867 DRWN:SKANG CHKD:ATSEE APPR:MLONG 2010/04/15 2010/04/27 2010/04/27	DESCRIPTION	QUALITY SYMBOLS F_A=0 F_C=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 16/07/87	C-GRID III DUAL ROW RIGHT ANGLE HEADER MOLEX MOLEX INCORPORATED				
			4 PLACES	± ---	± ---	CHECKED BY ATSEE	DATE 2010/04/27					
			3 PLACES	± ---	± ---	APPROVED BY MLONG	DATE 2010/04/27					
			2 PLACES	± ---	± ---	MATERIAL NO.						
			1 PLACE	± ---	± ---	SEE TABLE		SDA-90122		6 OF 6		
			ANGULAR ± ---°		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
			M1	REV1								