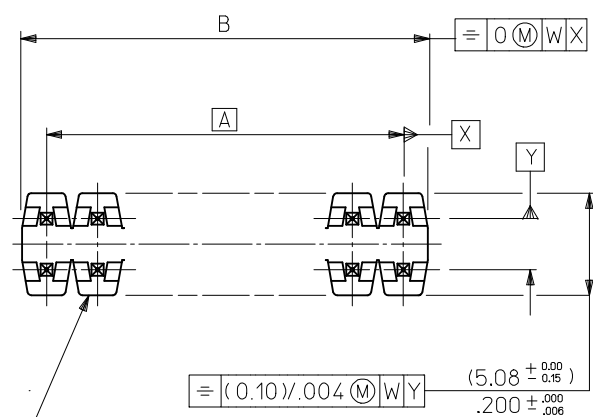
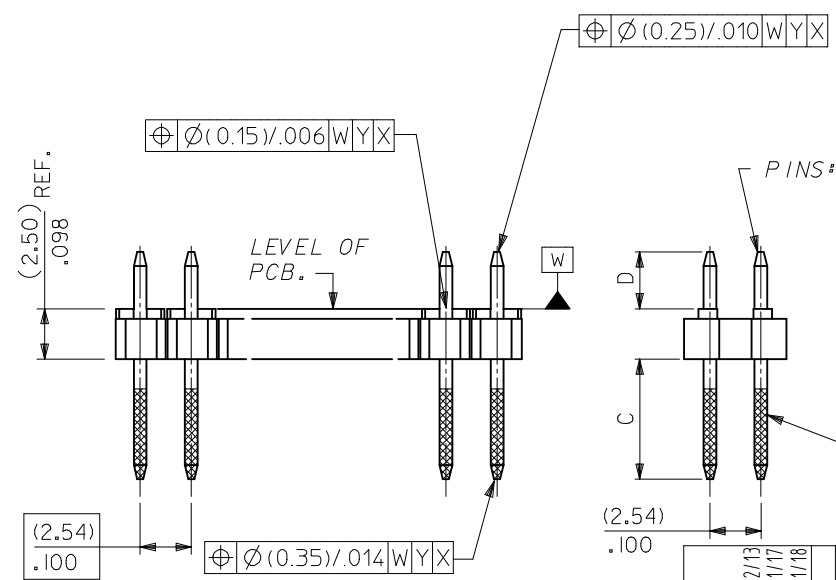


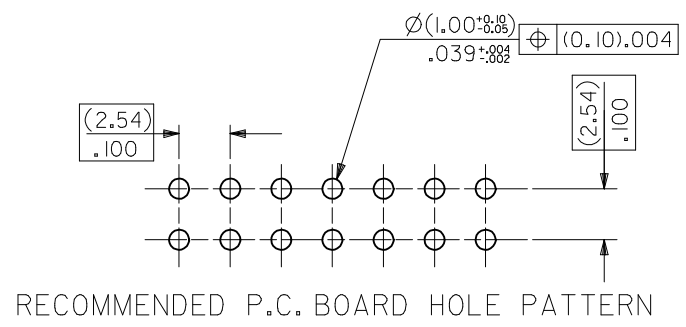
10 9 8 7 6 5 4 3 2 1



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



CKT SIZE	DIM. " A "		DIM. " B "		CKT SIZE	DIM. " A "		DIM. " B "	
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. PLEASE REFER TO SHT 2 FOR PLATING DETAILS.
 2. PLEASE REFER TO SHT 3-8 FOR DIMENSIONS C & D.
 3. RECOMMENDED PCB THICKNESS 1.60MM
 4. PRODUCT SPECIFICATION: PS-99020-0001

ADD DATUM
EC NO: S2017-0354
DRWN:FC500
CHKD:CGOH
APPR:KHLIM
REV
2016/12/13
2017/01/17
2017/01/18

QUALITY SYMBOLS
F=0
F=0
F=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.20	± ---
1 PLACE	± ---	± ---
0 PLACE	± ---	± ---

ANGULAR ± 3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY
DB

CHECKED BY
DB

APPROVED BY
MLONG

MATERIAL NO.

DATE
1987/07/16

DATE
1987/07/16

DATE
2012/02/24

SCALE
NTS

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

C GRID III DUAL ROW
STRAIGHT PIN HEADER

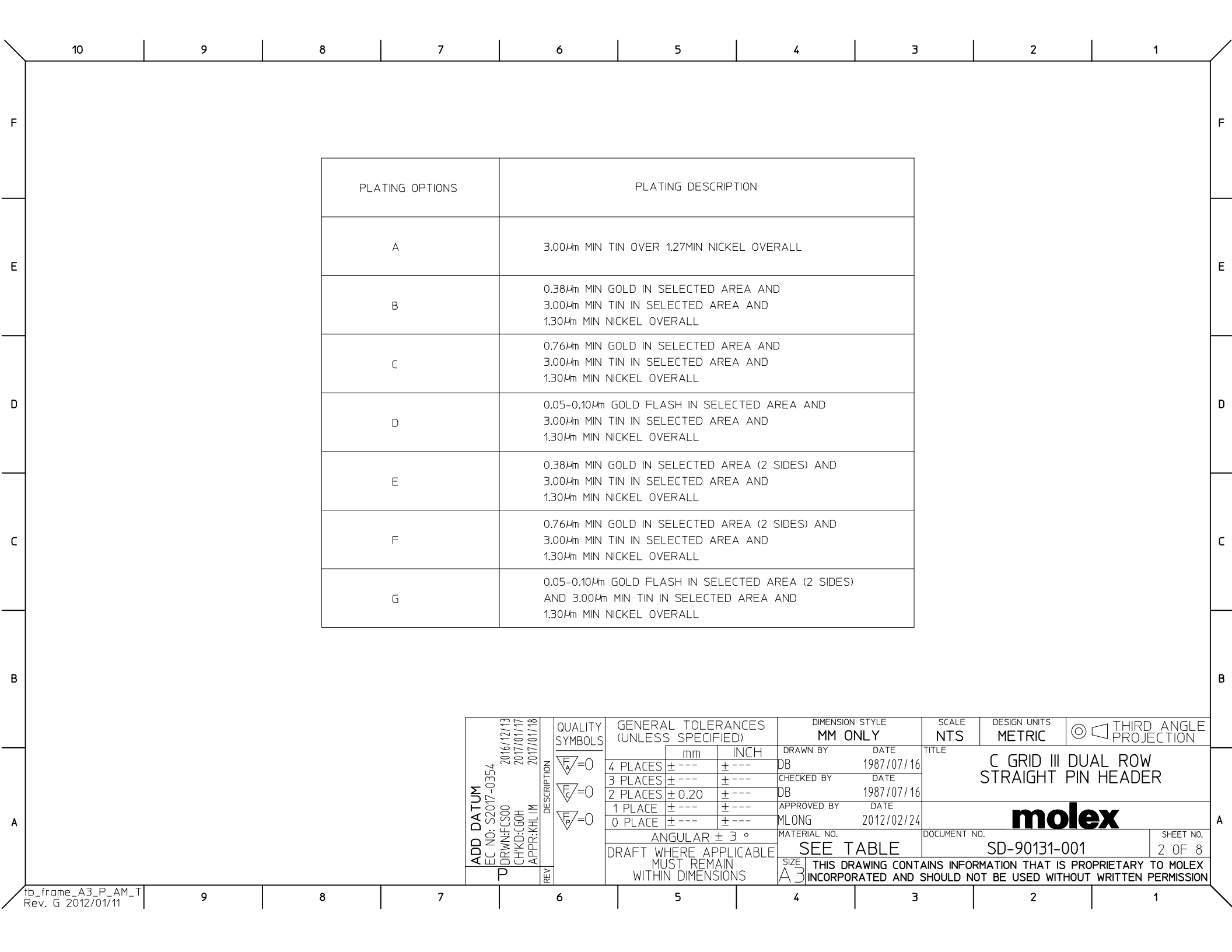
molex

SD-90131-001

SHEET NO.
1 OF 8

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

9 8 7 6 5 4 3 2 1



		10			9			8			7			6			5			4			3			2			1		
F 																															

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[illegible]

10		9		8		7		6		5		4		3		2		1	
F	DIM C (±0.20) ±.008 (6.75) .266	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	90131-0281	90131-0441	90131-0601	90131-1081	2 X 1	90131-0201	90131-0361	90131-0521	90131-1001								
		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								
E	DIM D (±0.20) ±.008 (2.90) .114	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	90131-0320	90131-0480	90131-0640	90131-1120	2 X 40	90131-0240	90131-0400	90131-0560	90131-1040										
NON-STANDARD PRODUCTS NOT FOR GENERAL RELEASE		ADD DATUM EC NO: S2017-0354 DRWN:FC500 CHKD:G0H APPR:KHL IM P		QUALITY SYMBOLS F=0 F=0 F=0		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ±0.20 ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± --- ANGULAR ± 3 °		DIMENSION STYLE MM ONLY DRAWN BY DATE CHECKED BY DATE APPROVED BY DATE MLONG 2012/02/24		SCALE NTS TITLE C GRID III DUAL ROW STRAIGHT PIN HEADER		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION		molex		SHEET NO. 6 OF 8	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAFT CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															

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Rev. G 2012/01/11

987654321

		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		90131-0241		90131-0401		90131-0561		90131-1041		2 X 1		90131-0321		90131-0481		90131-0641		90131-1121									
E		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		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		90131-0280		90131-0440		90131-0600		90131-1080		2 X 40		90131-0360		90131-0520		90131-0680		90131-1160									
		A		NON-STANDARD PRODUCTS NOT FOR GENERAL RELEASE										ADD DATUM EC NO: S2017-0354 IDRMNFC500 CHKD:CGOH APPR:KHL TM 2016/12/13 2017/01/17 2017/01/18		QUALITY SYMBOLS ▽=0 ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ±0.20 ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± --- ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DIMENSION STYLE MM ONLY DRAWN BY DATE DB 1987/07/16 CHECKED BY DATE DB 1987/07/16 APPROVED BY DATE MLONG 2012/02/24 MATERIAL NO. SEE TABLE		SCALE NTS DESIGN UNITS METRIC		THIRD ANGLE PROJECTION		C GRID III DUAL ROW STRAIGHT PIN HEADER		molex	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				DOCUMENT NO. SD-90131-001																									
fb_frame_A3_P_AM_T Rev. G 2012/01/11		9		8		7		6		5		4		3		2		1											

