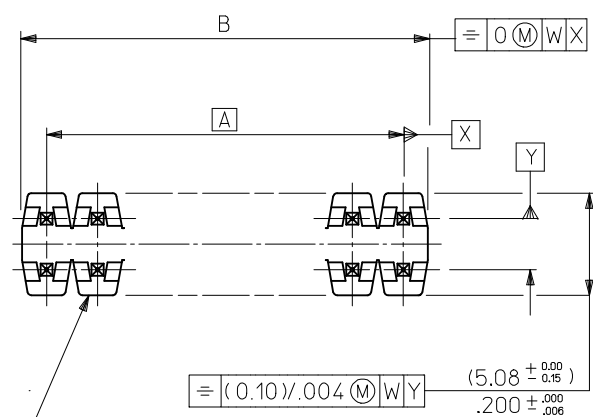
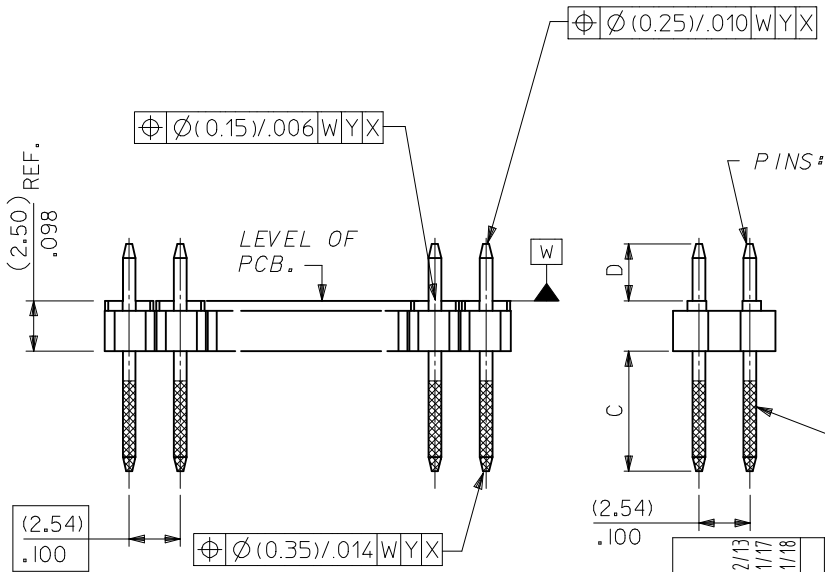


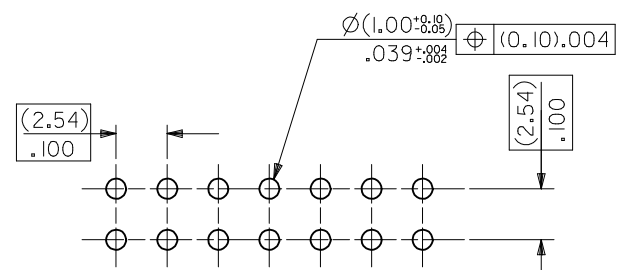
10 9 8 7 6 5 4 3 2 1



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



PINS: (0.65) / .0255 SQ.
BRASS WIRE.
PLATED AS PER
SHEETS 2 TO 6.



RECOMMENDED P.C. BOARD HOLE PATTERN

- 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

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

ADD DATUM
EC NO: S2017-0354
DRWN:FC500
CHKD:CGOH
APPR:KHLIM
REV

2016/12/13
2017/01/17
2017/01/18

DESCRIPTION

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 DATE
DB 1987/07/16
CHECKED BY DATE
DB 1987/07/16
APPROVED BY DATE
MLONG 2012/02/24
MATERIAL NO.
SIZE A3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DSCALE
NTS
DESIGN UNITS
METRIC
THIRD ANGLE
PROJECTION
C GRID III DUAL ROW
STRAIGHT PIN HEADER
molex
SD-90131-001
SHEET NO.
1 OF 8

fb_frame_A3_P_AM_T
Rev. G 2012/01/11

9 8 7 6 5 4 3 2 1

		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		90131-0121		90131-0761		90131-0921																			
		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																			
		2 X 10		-0130		-0770		-0930																			
		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																			
		2 X 20		-0140		-0780		-0940																			
		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																			
		2 X 30		-0150		-0790		-0950																			
		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																			
2 X 40		90131-0160		90131-0800		90131-0960																					
E	DIM C (±0.20) ±.008 (6.75) .266																					E					
		2 X 10		-0130		-0770		-0930																			
		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																			
		2 X 20		-0140		-0780		-0940																			
		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																			
		2 X 30		-0150		-0790		-0950																			
		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																			
		2 X 40		90131-0160		90131-0800		90131-0960																			
		D	DIM D (±0.20 0.30) ±.008 ±.012 (2.90) .114																					D			
				2 X 10		-0130		-0770		-0930																	
				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																			
2 X 20				-0140		-0780		-0940																			
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																			
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2 X 29				-0149		-0789		-0949																			
2 X 30				-0150		-0790		-0950																			
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																			
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2 X 38				-0158		-0798		-0958																			
2 X 39				-0159		-0799		-0959																			
2 X 40				90131-0160		90131-0800		90131-0960																			
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				2 X 10		-0130		-0770		-0930																	
				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																			
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		2 X 21		-0141		-0781		-0941																			
		2 X 22		-0142		-0782		-0942																			
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		2 X 25		-0145		-0785		-0945																			
		2 X 26		-0146		-0786		-0946																			
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		2 X 31		-0151		-0791		-0951																			
		2 X 32		-0152		-0792		-0952																			
		2 X 33		-0153		-0793		-0953																			
		2 X 34		-0154		-0794		-0954																			
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		2 X 36		-0156		-0796		-0956																			
		2 X 37		-0157		-0797		-0957																			
		2 X 38		-0158		-0798		-0958																			
		2 X 39		-0159		-0799		-0959																			
		2 X 40		90131-0160		90131-0800		90131-0960																			
		B																						B			
				2 X 10		-0130		-0770		-0930																	
				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																			
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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																			
2 X 30				-0150		-0790		-0950																			
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																			
2 X 40				90131-0160		90131-0800		90131-0960																			
A	STANDARD PRODUCTS																								A		
				2 X 10		-0130		-0770		-0930																	
				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																			
		2 X 20		-0140		-0780		-0940																			
		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																			

10		9		8		7		6		5		4		3		2		1	
F	CIRCUIT SIZE	2 X 1	90131-0281	90131-0441	90131-0601	90131-1081	CIRCUIT SIZE	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							
E	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									
D	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									
C	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									
B																			
A																			

ADD DATUM

EC NO: S2017-0354

DRWN:FC500

CHKD:G0H

APPR:KHL IM

2016/12/13

2017/01/17

2017/01/18

QUALITY SYMBOLS

DESCRIPTION

REV

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

CHECKED BY

DATE

APPROVED BY

DATE

MATERIAL NO.

DOCUMENT NO.

SCALE

NTS

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

C GRID III DUAL ROW

STRAIGHT PIN HEADER

molex

SD-90131-001

SHEET NO. 6 OF 8

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX

INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

NON-STANDARD PRODUCTS

NOT FOR GENERAL RELEASE

fb_frame_A3_P_AM_T

Rev. G 2012/01/11

9	8	7	6	5	4	3	2	1
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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.					
		90131-0241		90131-0401		90131-0561		90131-1041			90131-0321		90131-0481		90131-0641		90131-1121					
		2 X 1		↑ -0242		↑ -0402		↑ -0562			↑ -1042		2 X 1		↑ -0322		↑ -0482		↑ -0642		↑ -1122	
		2 X 2		↑ -0243		↑ -0403		↑ -0563			↑ -1043		2 X 2		↑ -0323		↑ -0483		↑ -0643		↑ -1123	
		2 X 3		↑ -0244		↑ -0404		↑ -0564			↑ -1044		2 X 3		↑ -0324		↑ -0484		↑ -0644		↑ -1124	
		2 X 4		↑ -0245		↑ -0405		↑ -0565			↑ -1045		2 X 4		↑ -0325		↑ -0485		↑ -0645		↑ -1125	
		2 X 5		↑ -0246		↑ -0406		↑ -0566			↑ -1046		2 X 5		↑ -0326		↑ -0486		↑ -0646		↑ -1126	
		2 X 6		↑ -0247		↑ -0407		↑ -0567			↑ -1047		2 X 6		↑ -0327		↑ -0487		↑ -0647		↑ -1127	
		2 X 7		↑ -0248		↑ -0408		↑ -0568			↑ -1048		2 X 7		↑ -0328		↑ -0488		↑ -0648		↑ -1128	
		2 X 8		↑ -0249		↑ -0409		↑ -0569			↑ -1049		2 X 8		↑ -0329		↑ -0489		↑ -0649		↑ -1129	
		2 X 9		↑ -0250		↑ -0410		↑ -0570			↑ -1050		2 X 9		↑ -0330		↑ -0490		↑ -0650		↑ -1130	
		2 X 10		↑ -0251		↑ -0411		↑ -0571			↑ -1051		2 X 10		↑ -0331		↑ -0491		↑ -0651		↑ -1131	
		2 X 11		↑ -0252		↑ -0412		↑ -0572			↑ -1052		2 X 11		↑ -0332		↑ -0492		↑ -0652		↑ -1132	
		2 X 12		↑ -0253		↑ -0413		↑ -0573			↑ -1053		2 X 12		↑ -0333		↑ -0493		↑ -0653		↑ -1133	
		2 X 13		↑ -0254		↑ -0414		↑ -0574			↑ -1054		2 X 13		↑ -0334		↑ -0494		↑ -0654		↑ -1134	
		2 X 14		↑ -0255		↑ -0415		↑ -0575			↑ -1055		2 X 14		↑ -0335		↑ -0495		↑ -0655		↑ -1135	
		2 X 15		↑ -0256		↑ -0416		↑ -0576			↑ -1056		2 X 15		↑ -0336		↑ -0496		↑ -0656		↑ -1136	
		2 X 16		↑ -0257		↑ -0417		↑ -0577			↑ -1057		2 X 16		↑ -0337		↑ -0497		↑ -0657		↑ -1137	
		2 X 17		↑ -0258		↑ -0418		↑ -0578			↑ -1058		2 X 17		↑ -0338		↑ -0498		↑ -0658		↑ -1138	
		2 X 18		↑ -0259		↑ -0419		↑ -0579			↑ -1059		2 X 18		↑ -0339		↑ -0499		↑ -0659		↑ -1139	
E	DIM C (±0.20) ±.008 (5.75) .226	2 X 19		↑ -0260		↑ -0420		↑ -0580		↑ -1060		2 X 19		↑ -0340		↑ -0500		↑ -0660		↑ -1140		
		2 X 20		↑ -0261		↑ -0421		↑ -0581		↑ -1061		2 X 20		↑ -0341		↑ -0501		↑ -0661		↑ -1141		
		2 X 21		↑ -0262		↑ -0422		↑ -0582		↑ -1062		2 X 21		↑ -0342		↑ -0502		↑ -0662		↑ -1142		
		2 X 22		↑ -0263		↑ -0423		↑ -0583		↑ -1063		2 X 22		↑ -0343		↑ -0503		↑ -0663		↑ -1143		
		2 X 23		↑ -0264		↑ -0424		↑ -0584		↑ -1064		2 X 23		↑ -0344		↑ -0504		↑ -0664		↑ -1144		
		2 X 24		↑ -0265		↑ -0425		↑ -0585		↑ -1065		2 X 24		↑ -0345		↑ -0505		↑ -0665		↑ -1145		
		2 X 25		↑ -0266		↑ -0426		↑ -0586		↑ -1066		2 X 25		↑ -0346		↑ -0506		↑ -0666		↑ -1146		
		2 X 26		↑ -0267		↑ -0427		↑ -0587		↑ -1067		2 X 26		↑ -0347		↑ -0507		↑ -0667		↑ -1147		
		2 X 27		↑ -0268		↑ -0428		↑ -0588		↑ -1068		2 X 27		↑ -0348		↑ -0508		↑ -0668		↑ -1148		
		2 X 28		↑ -0269		↑ -0429		↑ -0589		↑ -1069		2 X 28		↑ -0349		↑ -0509		↑ -0669		↑ -1149		
		2 X 29		↑ -0270		↑ -0430		↑ -0590		↑ -1070		2 X 29		↑ -0350		↑ -0510		↑ -0670		↑ -1150		
		2 X 30		↑ -0271		↑ -0431		↑ -0591		↑ -1071		2 X 30		↑ -0351		↑ -0511		↑ -0671		↑ -1151		
		2 X 31		↑ -0272		↑ -0432		↑ -0592		↑ -1072		2 X 31		↑ -0352		↑ -0512		↑ -0672		↑ -1152		
		2 X 32		↑ -0273		↑ -0433		↑ -0593		↑ -1073		2 X 32		↑ -0353		↑ -0513		↑ -0673		↑ -1153		
		2 X 33		↑ -0274		↑ -0434		↑ -0594		↑ -1074		2 X 33		↑ -0354		↑ -0514		↑ -0674		↑ -1154		
		2 X 34		↑ -0275		↑ -0435		↑ -0595		↑ -1075		2 X 34		↑ -0355		↑ -0515		↑ -0675		↑ -1155		
		2 X 35		↑ -0276		↑ -0436		↑ -0596		↑ -1076		2 X 35		↑ -0356		↑ -0516		↑ -0676		↑ -1156		
		2 X 36		↑ -0277		↑ -0437		↑ -0597		↑ -1077		2 X 36		↑ -0357		↑ -0517		↑ -0677		↑ -1157		
		2 X 37		↑ -0278		↑ -0438		↑ -0598		↑ -1078		2 X 37		↑ -0358		↑ -0518		↑ -0678		↑ -1158		
		2 X 38		↑ -0279		↑ -0439		↑ -0599		↑ -1079		2 X 38		↑ -0359		↑ -0519		↑ -0679		↑ -1159		
2 X 39		90131-0280		90131-0440		90131-0600		90131-1080		2 X 39		90131-0360		90131-0520		90131-0680		90131-1160				
2 X 40										2 X 40												
D	DIM D (±0.25) ±.010 (4.50) .177	2 X 1		↑ -0242		↑ -0402		↑ -0562		↑ -1042		2 X 1		↑ -0322		↑ -0482		↑ -0642		↑ -1122		
		2 X 2		↑ -0243		↑ -0403		↑ -0563		↑ -1043		2 X 2		↑ -0323		↑ -0483		↑ -0643		↑ -1123		
		2 X 3		↑ -0244		↑ -0404		↑ -0564		↑ -1044		2 X 3		↑ -0324		↑ -0484		↑ -0644		↑ -1124		
		2 X 4		↑ -0245		↑ -0405		↑ -0565		↑ -1045		2 X 4		↑ -0325		↑ -0485		↑ -0645		↑ -1125		
		2 X 5		↑ -0246		↑ -0406		↑ -0566		↑ -1046		2 X 5		↑ -0326		↑ -0486		↑ -0646		↑ -1126		
		2 X 6		↑ -0247		↑ -0407		↑ -0567		↑ -1047		2 X 6		↑ -0327		↑ -0487		↑ -0647		↑ -1127		
		2 X 7		↑ -0248		↑ -0408		↑ -0568		↑ -1048		2 X 7		↑ -0328		↑ -0488		↑ -0648		↑ -1128		
		2 X 8		↑ -0249		↑ -0409		↑ -0569		↑ -1049		2 X 8		↑ -0329		↑ -0489		↑ -0649		↑ -1129		
		2 X 9		↑ -0250		↑ -0410		↑ -0570		↑ -1050		2 X 9		↑ -0330		↑ -0490		↑ -0650		↑ -1130		
		2 X 10		↑ -0251		↑ -0411		↑ -0571		↑ -1051		2 X 10		↑ -0331		↑ -0491		↑ -0651		↑ -1131		
		2 X 11		↑ -0252		↑ -0412		↑ -0572		↑ -1052		2 X 11		↑ -0332		↑ -0492		↑ -0652		↑ -1132		
		2 X 12		↑ -0253		↑ -0413		↑ -0573		↑ -1053		2 X 12		↑ -0333		↑ -0493		↑ -0653		↑ -1133		
		2 X 13		↑ -0254		↑ -0414		↑ -0574		↑ -1054		2 X 13		↑ -0334		↑ -0494		↑ -0654		↑ -1134		
		2 X 14		↑ -0255		↑ -0415		↑ -0575		↑ -1055		2 X 14		↑ -0335		↑ -0495		↑ -0655		↑ -1135		
		2 X 15		↑ -0256		↑ -0416		↑ -0576		↑ -1056		2 X 15		↑ -0336		↑ -0496		↑ -0656		↑ -1136		
		2 X 16		↑ -0257		↑ -0417		↑ -0577		↑ -1057		2 X 16		↑ -0337		↑ -0497		↑ -0657		↑ -1137		
		2 X 17		↑ -0258		↑ -0418		↑ -0578		↑ -1058		2 X 17		↑ -0338		↑ -0498		↑ -0658		↑ -1138		
		2 X 18		↑ -0259		↑ -0419		↑ -0579		↑ -1059		2 X 18		↑ -0339		↑ -0499		↑ -0659		↑ -1139		
		2 X 19		↑ -0260		↑ -0420		↑ -0580		↑ -1060		2 X 19		↑ -0340		↑ -0500		↑ -0660		↑ -1140		
		2 X 20		↑ -0261		↑ -0421		↑ -0581		↑ -1061		2 X 20		↑ -0341		↑ -0501		↑ -0661		↑ -1141		
C	DIM D (±0.25) ±.010 (4.50) .177	2 X 21		↑ -0262		↑ -0422		↑ -0582		↑ -1062		2 X 21		↑ -0342		↑ -0502		↑ -0662		↑ -1142		
		2 X 22		↑ -0263		↑ -0423		↑ -0583		↑ -1063		2 X 22		↑ -0343		↑ -0503		↑ -0663		↑ -1143		
		2 X 23		↑ -0264		↑ -0424		↑ -0584		↑ -1064		2 X 23		↑ -0344		↑ -0504		↑ -0664		↑ -1144		
		2 X 24		↑ -0265		↑ -0425		↑ -0585		↑ -1065		2 X 24		↑ -0345		↑ -0505		↑ -0665		↑ -1145		
		2 X 25		↑ -0266		↑ -0426		↑ -0586		↑ -1066		2 X 25		↑ -0346		↑ -0506		↑ -0666		↑ -1146		
		2 X 26		↑ -0267		↑ -0427		↑ -0587		↑ -1067		2 X 26		↑ -0347		↑ -0507		↑ -0667		↑ -1147		
		2 X 27		↑ -0268		↑ -0428		↑ -0588		↑ -1068		2 X 27		↑ -0348		↑ -0508		↑ -0668		↑ -1148		
		2 X 28		↑ -0269		↑ -0429		↑ -0589		↑ -1069		2 X 28		↑ -0349		↑ -0509		↑ -0669		↑ -1149		
		2 X 29		↑ -0270		↑ -0430		↑ -0590		↑ -1070		2 X 29		↑ -0350		↑ -0510		↑ -0670		↑ -1150		
		2 X 30		↑ -0271		↑ -0431		↑ -0591		↑ -1071		2 X 30		↑ -0351		↑ -0511		↑ -0671		↑ -1151		
		2 X 31		↑ -0272		↑ -0432		↑ -0592		↑ -1072		2 X 31		↑ -0352		↑ -0512		↑ -0672		↑ -1152		
		2 X 32		↑ -0273		↑ -0433		↑ -0593		↑ -1073		2 X 32		↑ -0353		↑ -0513		↑ -0673		↑ -1153		
		2 X 33		↑ -0274		↑ -0434		↑ -0594		↑ -1074		2 X 33		↑ -0354		↑ -0514		↑ -0674		↑ -1154		
		2 X 34		↑ -0275		↑ -0435		↑ -0595		↑ -1075		2 X 34		↑ -0355		↑ -0515		↑ -0675		↑ -1155		
		2 X 35		↑ -0276		↑ -0436		↑ -0596		↑ -1076		2 X 35		↑ -0356		↑ -0516		↑ -0676		↑ -1156		
		2 X 36		↑ -0277		↑ -0437		↑ -0597		↑ -1077		2 X 36		↑ -0357		↑ -0517		↑ -0677		↑ -1157		
		2 X 37		↑ -0278		↑ -0438		↑ -0598		↑ -1078		2 X 37		↑ -0358		↑ -0518		↑ -0678		↑ -1158		
		2 X 38		↑ -0279		↑ -0439		↑ -0599		↑ -1079		2 X 38		↑ -0359		↑ -0519		↑ -0679		↑ -1159		
		2 X 39		90131-0280		90131-0440		90131-0600		90131-1080		2 X 39		90131-0360		90131-0520		90131-0680		90131-1160		
		2 X 40										2 X 40										
B	DIM D (±0.25) ±.010 (4.50) .177	2 X 1		↑ -0242		↑ -0402		↑ -0562		↑ -1042		2 X 1		↑ -0322		↑ -0482		↑ -0642		↑ -1122		
		2 X 2		↑ -0243		↑ -0403		↑ -0563		↑ -1043		2 X 2		↑ -0323		↑ -0483		↑ -0643		↑ -1123		
		2 X 3		↑ -0244		↑ -0404		↑ -0564		↑ -1044		2 X 3		↑ -0324		↑ -0484		↑ -0644		↑ -1124		
		2 X 4		↑ -0245		↑ -0405																

CIRCUIT SIZE	PLATING TYPE A PART NO.	PIN PART NUMBER	WAFER PART NUMBER	DIM C ^(±0.20) ±.008	DIM D ^(±0.30) ±.008 -.012
2 X 6	90131-3126	90129-2008	90131-0040	(14.60) .575	(2.38) .094
2 X 36	90131-3128	90129-2008	90131-0040	(14.60) .575	(2.38) .094
2 X 40	90131-3127	90129-2008	90131-0040	(14.60) .575	(2.38) .094

STANDARD PRODUCTS

ADD DATUM EC NO: S2017-0354 2016/12/13 DRWN:FCS00 CHKD:CG0H APPR:KHLIM 2017/01/17 2017/01/18	DESCRIPTION REV	QUALITY SYMBOLS F_A=0 F_G=0 F_P=0	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 STRAIGHT PIN HEADER							
			4 PLACES	± ---	± ---	DB	1987/07/16								
			3 PLACES	± ---	± ---	CHECKED BY	DATE	DOCUMENT NO. SD-90131-001							
			2 PLACES	± 0.20	± ---	DB	1987/07/16								
			1 PLACE	± ---	± ---	APPROVED BY	DATE					molex			
			0 PLACE	± ---	± ---	MLONG	2012/02/24								
			ANGULAR ± 3 °			MATERIAL NO.		SHEET NO. 8 OF 8							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		SD-90131-001							
						SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							