

F

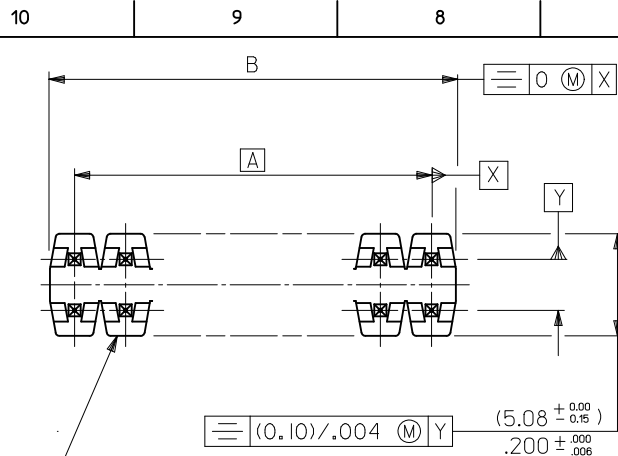
E

D

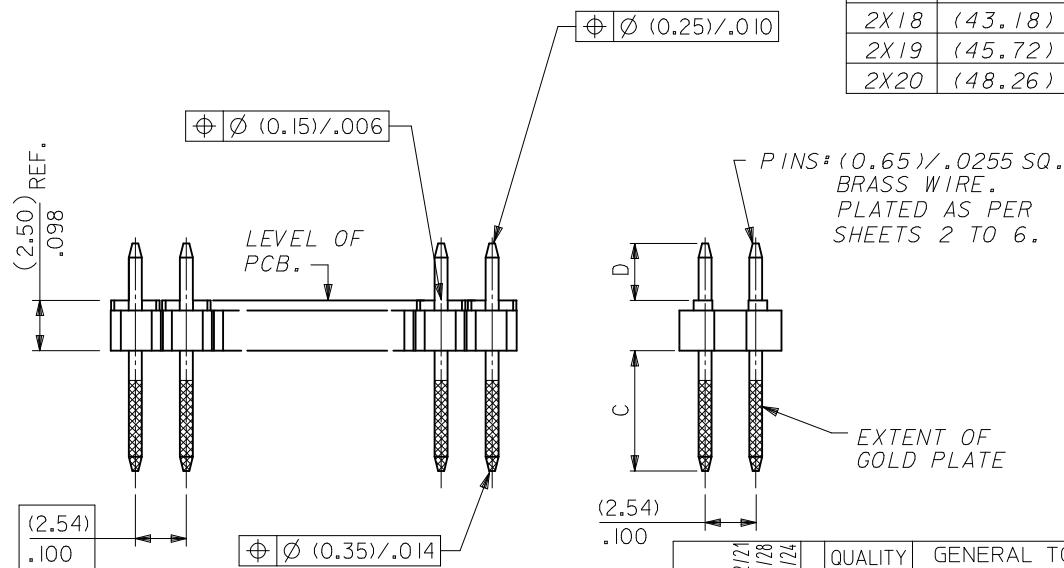
C

B

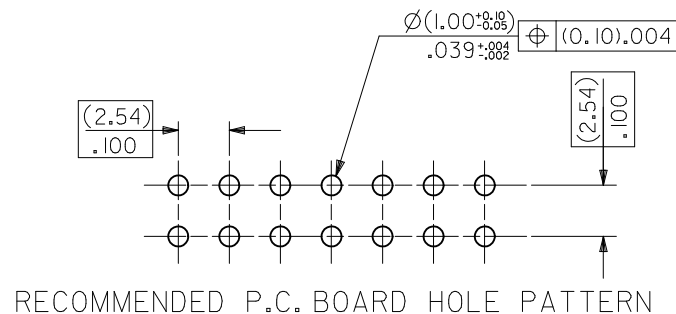
A



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



CKT SIZE	DIM. "A"		DIM. "B" ^(+0.20) _{-0.008}		CKT SIZE	DIM. "A"		DIM. "B" ^(+0.20) _{-0.008}	
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

- PLEASE REFER TO SHT 2 FOR PLATING DETAILS.
- PLEASE REFER TO SHT 3-8 FOR DIMENSIONS C & D.
- RECOMMENDED PCB THICKNESS 1.60MM
- PRODUCT SPECIFICATION: PS-99020-0001

CHANGE DOC. NO
EC NO: S2012-0490
DRW:ATSE
CHKD:SKANG
APPR:MLONG
REV
2011/12/21
2011/12/28
2012/02/24

QUALITY SYMBOLS
F=0
F=0
F=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.20	± ---
1 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	
SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
A3	

SCALE
NTS

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

C GRID III DUAL ROW
STRAIGHT PIN HEADER

MOLEX INCORPORATED

DOCUMENT NO.
SD-90131-001

SHEET NO.
1 OF 8

[illegible]

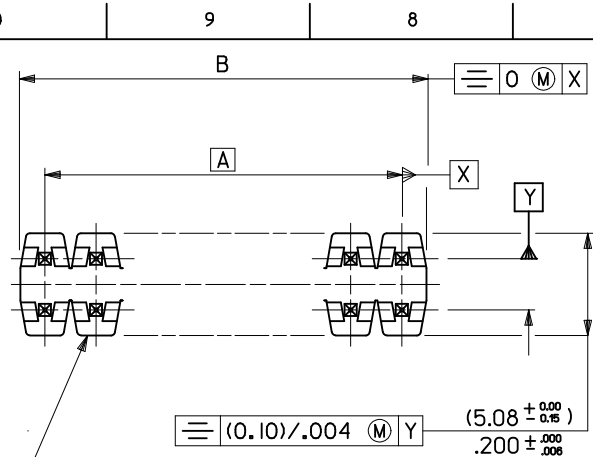
tb_frame_A3_P_AM_T
Rev. F 2009/06/18

10		9		8		7		6		5		4		3		2		1							
F		CIRCUIT SIZE		PLATING TYPE 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		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		E			
		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		D			
		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		C			
		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		B			
		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		CHANGE DOC. NO EC NO: S2012-0490 DRMNAI SEE 2011/12/21 CHKD-SKANG 2011/12/28 APPR:MLONG 2012/02/24		DESCRIPTION REV		QUALITY SYMBOLS ▽=0 ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °		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.		SCALE NTS		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION				C GRID III DUAL ROW STRAIGHT PIN HEADER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										SIZE A3		DOCUMENT NO. SD-90131-001		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							

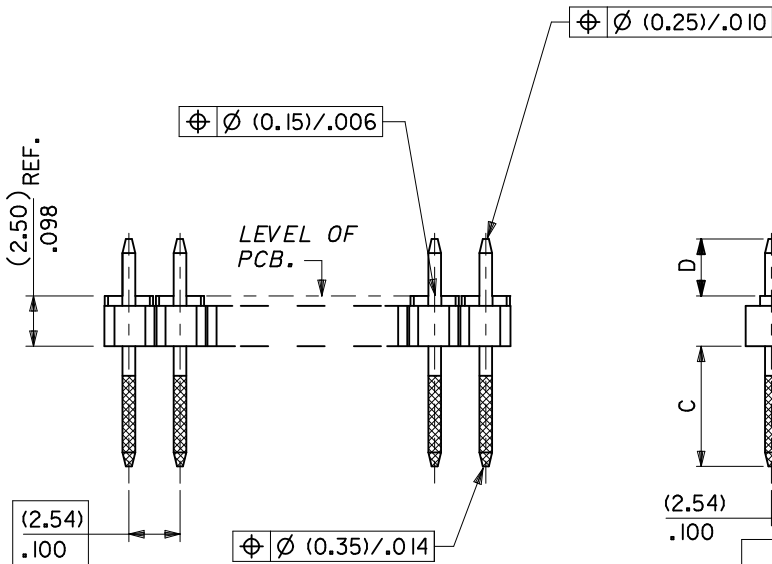
CIRCUIT SIZE	PLATING TYPE A PART NO.	PIN PART NUMBER	WAFER PART NUMBER	DIM C ^(±0.20) ±.008	DIM D ^(±0.30) ±.008 -.012
2 X 6	90131-3126	90129-2008	90131-0040	(14.60) .575	(2.38) .094
2 X 36	90131-3128	90129-2008	90131-0040	(14.60) .575	(2.38) .094
2 X 40	90131-3127	90129-2008	90131-0040	(14.60) .575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

STANDARD PRODUCTS

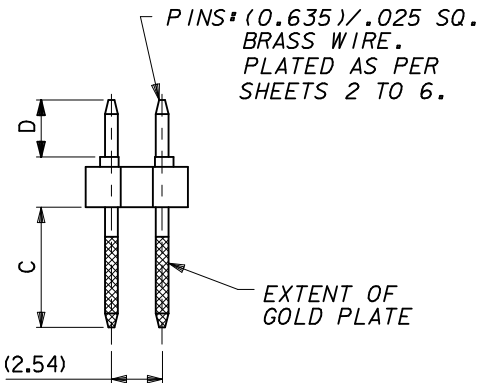
CHANGE DOC. NO EC NO: S2012-0490 2011/12/21 DRW:NATSEE CHKD:SKANG 2011/12/28 APPR:MLONG 2012/02/24 O	DESCRIPTION REV	QUALITY SYMBOLS F _A =0 F _G =0 F _B =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY DB	DATE 1987/07/16	TITLE C GRID III DUAL ROW STRAIGHT PIN HEADER	
			4 PLACES	± ---	± ---	CHECKED BY	DATE		
			3 PLACES	± ---	± ---	DB	1987/07/16		
			2 PLACES	± 0.20	± ---	APPROVED BY	DATE		
			1 PLACE	± ---	± ---	MLONG	2012/02/24	MOLEX INCORPORATED	
			ANGULAR ± 3 °		MATERIAL NO.	DOCUMENT NO.		SHEET NO.	
			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		



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



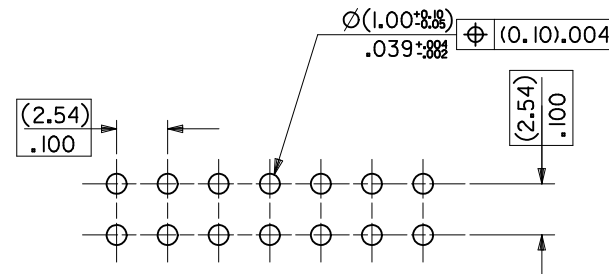
NOTES
2. RECOMMENDED PCB THICKNESS 1.6MM
3. PRODUCT SPECIFICATION: PS-99020-0001



CKT SIZE	DIM." A"	DIM." B"	DIM." C"	CKT SIZE	DIM." A"	DIM." B"	DIM." C"
2X 1	(2.54)	.100	(50.80)	2X21	(53.34)	2.000	(81.28)
2X 2	(5.08)	.200	(55.88)	2X22	(58.42)	2.200	(86.36)
2X 3	(7.62)	.300	(60.96)	2X23	(63.50)	2.400	(91.44)
2X 4	(10.16)	.400	(66.04)	2X24	(68.58)	2.600	(96.52)
2X 5	(12.70)	.500	(71.12)	2X25	(73.66)	2.800	(99.06)
2X 6	(15.24)	.600	(76.20)	2X26	(78.74)	3.000	(101.60)
2X 7	(17.78)	.700	(81.28)	2X27	(83.82)	3.200	(106.68)
2X 8	(20.32)	.800	(86.36)	2X28	(88.90)	3.400	(111.76)
2X 9	(22.86)	.900	(91.44)	2X29	(93.98)	3.600	(116.84)
2X10	(25.40)	1.000	(96.52)	2X30	(99.06)	3.800	(121.92)
2X11	(27.94)	1.100	(101.60)	2X31	(104.14)	4.000	(126.96)
2X12	(30.48)	1.200	(106.68)	2X32	(109.22)	4.200	(132.04)
2X13	(33.02)	1.300	(111.76)	2X33	(114.30)	4.400	(137.12)
2X14	(35.56)	1.400	(116.84)	2X34	(119.38)	4.600	(142.20)
2X15	(38.10)	1.500	(121.92)	2X35	(124.46)	4.800	(147.28)
2X16	(40.64)	1.600	(126.96)	2X36	(129.54)	5.000	(152.36)
2X17	(43.18)	1.700	(131.92)	2X37	(134.62)	5.200	(157.44)
2X18	(45.72)	1.800	(136.96)	2X38	(139.70)	5.400	(162.52)
2X19	(48.26)	1.900	(141.92)	2X39	(144.78)	5.600	(167.60)
2X20	(50.80)	2.000	(146.96)	2X40	(149.86)	5.800	(172.68)

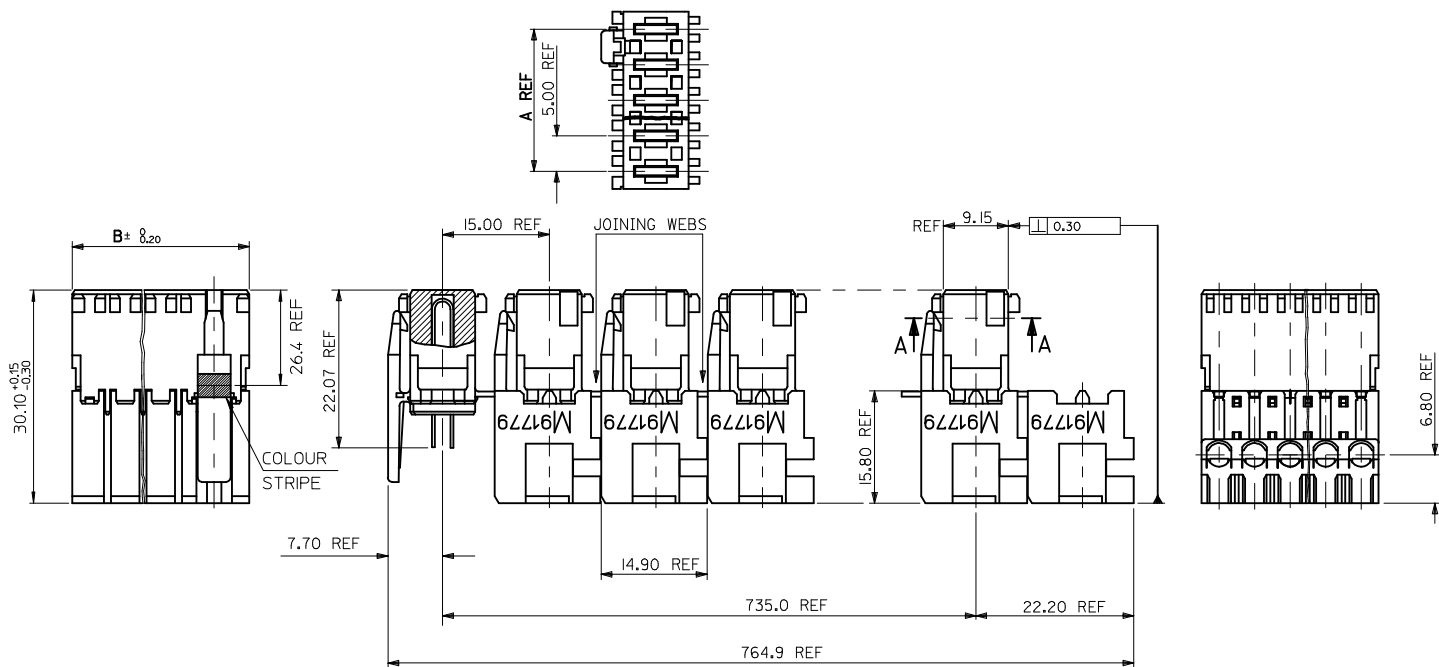
NOTES

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

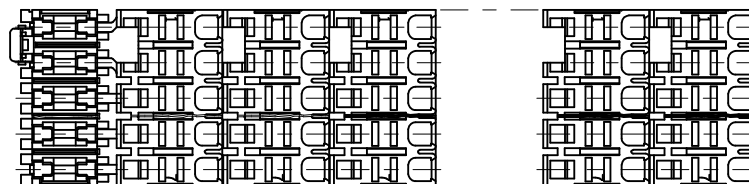


RECOMMENDED P.C. BOARD HOLE PATTERN

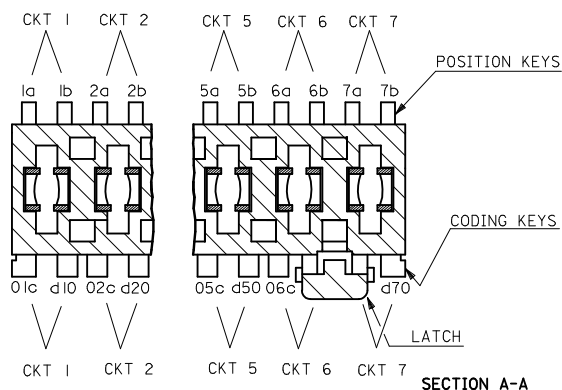
ADDED NOTES		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: E2008-0337		DRWN: KIERMAN		mm		MM ONLY		4:1		METRIC		C GRID III DUAL ROW STRAIGHT PIN HEADER	
08/02/14		08/02/15		INCH		DRAWN BY DB		DATE 16/7/87		TITLE		MOLEX INCORPORATED	
CHKD: APPR: BMAGUIRE		08/02/15		4 PLACES ± --- ± ---		CHECKED BY		DATE		MATERIAL NO.		DOCUMENT NO. SDA-90131	
REV		DESCRIPTION		3 PLACES ± --- ± ---		APPROVED BY		DATE		SHEET NO. 1 OF 7		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
N		ANGULAR ± --- °		2 PLACES ± --- ± ---		SIZE A3		SEE CHART					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		1 PLACE ± --- ± ---									



CKT SIZE	A	B
2	5.00	9.90
3	10.00	14.90
4	15.00	19.90



- NOTES:
- MATERIALS:
HOUSING: PA 6, UL94 V-2
COLOUR: SEE SHEET 2
TERMINAL: PHOSPHOR BRONZE, (0.50)/0.020 THICK REF
PLATING: (2 µm)/79 µm MIN SILVER IN CONTACT AREA
(0.10 µm)/0.004 µm MIN SILVER FLASH ALLOW
 - PRODUCT CONFORMS TO SPECIFICATION PS-99020-0037
 - ACCEPTS CABLE, PER ES-99036-0010
 - SEE SUBSEQUENT SHEETS FOR PART NUMBERS SHOWING THE VARIOUS CODING, KEYING AND LATCHING OPTIONS.
 - PACKAGING SPECIFICATION PK-90833-001
 - APPLICATION SPECIFICATION AS-99033-0004

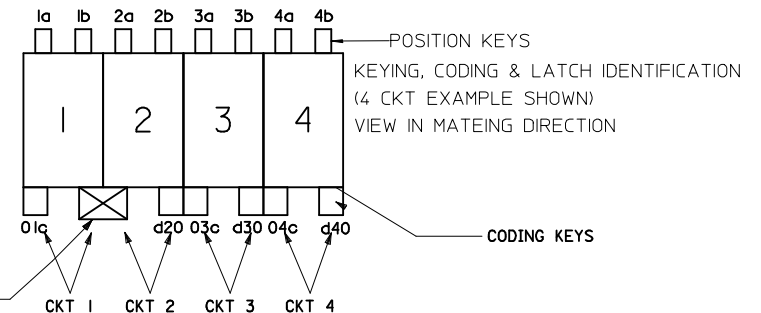


KEYING, CODING, & LATCH IDENTIFICATION
(7 CKT EXAMPLE SHOWN)

ADDED PART NUMBERS		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: IPG2014-1233		DRAWN: MONAHAN		2014/01/06		MM ONLY		1:1		METRIC		THIRD ANGLE PROJECTION	
CHKD: CHIKO		APPR: STIGLITZ		2014/01/20		DRAWN BY		DATE		TITLE		RAST 5 INDIRECT FEMALE ASSEMBLY 16 AMPS	
REV		DESCRIPTION		REV		CHECKED BY		DATE		MATERIAL NO.		DOCUMENT NO.	
AC		REV		REV		BAGUIRE		2005/01/07		BAGUIRE		2010/10/20	
						4 PLACES ±---		±---		SEE FOLLOWING SHEETS		SD-91779-001	
						3 PLACES ±---		±---		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 1 OF 5	
						2 PLACES ±0.05		±---					
						1 PLACE ±0.1		±---					
						ANGULAR ±---°		±---					
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							

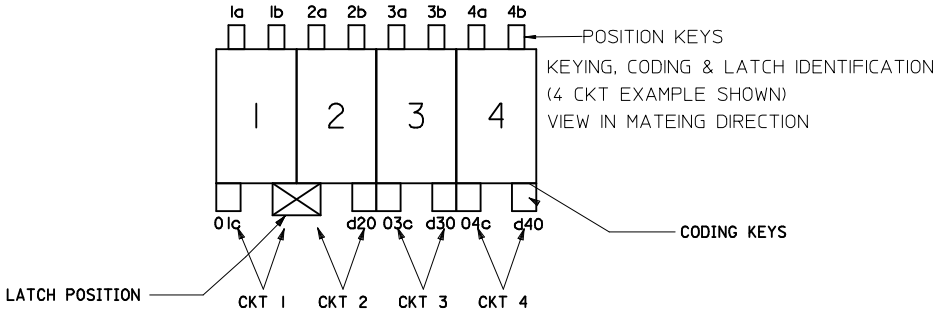
13	12	11	10	9							
MOLEX PART NO.	HOUSING NO.	CIRCUIT SIZE	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	COLOUR STRIP	REF.		
91779-0001	91779-9001	2	NATURAL	1a, 1b 2a, 2b	01c, d20	1/2		NONE	K00		
91779-0002	91779-9001	2	NATURAL	1b, 2a	01c, d20	1/2		NONE	K01		
91779-0003	91779-9001	2	NATURAL	1a, 2b	d20	1/2		NONE	K05		
91779-0004	91779-9001	2	NATURAL	1a	01c, d20	1/2		NONE	K12		
91779-0005	91779-9001	2	NATURAL	1a, 2b	01c, d20	1/2		BLUE	K48		
91779-0006	91779-9004	2	RED	1a, 1b 2a, 2b	NONE	1/2		NONE	K41		
91779-0007	91779-9001	2	NATURAL	2a	01c	1/2		NONE	K42		
91779-0008	91779-9004	2	RED	1a, 1b 2a, 2b	d20	1/2		NONE	K34		
91779-0009	PART NUMBER OBSOLETE, REPLACED WITH 91779-0006.										
91779-0010	91779-9003	2	BLACK	1a, 1b 2a, 2b	NONE	1/2		NONE	K41		
91779-0011	91779-9001	2	NATURAL	1a	d20	1/2		NONE	K66		
91779-0012	91779-9001	2	NATURAL	1b	01c, d20	1/2		NONE	K16		
91779-0013	91779-9001	2	NATURAL	1a	NONE	1/2		NONE	K70		
91779-0014	91779-9001	2	NATURAL	1b 2a 2b	d20	1/2		NONE	K--		
91779-0015	91779-9001	2	NATURAL	1a, 1b 2a, 2b	d20	1/2		NONE	K34		
91779-0016	91779-9001	2	NATURAL	1a, 1b 2a, 2b	01c	1/2		NONE	K33		
91779-0017	91779-9004	2	RED	1a 1b 2b	NONE	1/2		NONE	K43		
91779-0018	91779-9001	2	NATURAL	1b 2b	01c	1/2		NONE	K09		
91779-0019	91779-9001	2	NATURAL	1b 2b	01c	1/2		GREEN	K--		
91779-0020	91779-9001	2	NATURAL	1a 2b	d20	1/2		GREEN	K--		
91779-0021	91779-9001	2	NATURAL	2a	01c, d20	1/2		BLACK	K--		
91779-0022	91779-9001	2	NATURAL	1b	d20	1/2		RED	K--		
91779-0023	91779-9001	2	NATURAL	1b 2b	01c	1/2		BLUE	K--		

MOLEX PART NO.	HOUSING NO.	CIRCUIT SIZE	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	colour stripe	REF.
91779-0024	91779-9001	2	NATURAL	1b 2b	01c	1/2		ORANGE	K--
91779-0025	91779-9001	2	NATURAL	1a 1b	d20	1/2		NONE	K--
91779-0026	91779-9001	2	NATURAL	1a 2b	01c	1/2		NONE	K--
91779-0027	91779-9003	2	BLACK	1a 2b	NONE	1/2		NONE	K06
91779-0028	91779-9004	2	RED	2a 2b	NONE	1/2		NONE	K31
91779-0029	91779-9001	2	NATURAL	NONE	01c, d20	1/2		NONE	K--
91779-0030	91779-9001	2	NATURAL	1a 2a 2b	01c, d20	1/2		NONE	K62
91779-0031	91779-9001	2	NATURAL	1a 2a	01c, d20	1/2		NONE	K--
91779-0032	91779-9001	2	NATURAL	1b 2b	01c, d20	1/2		NONE	K--
91779-0033	91779-9001	2	NATURAL	1a, 1b 2a, 2b	01c, d20	1/2		RED	K09
91779-0034	91779-9001	2	NATURAL	1a, 1b 2a, 2b	01c, d20	1/2		GREEN	K--
91779-0035	91779-9001	2	NATURAL	2b	NONE	1/2		NONE	K--
91779-0036	91779-9001	2	NATURAL	1a, 1b 2a, 2b	NONE	1/2		NONE	K41
91779-0038	91779-9001	2	NATURAL	1b	NONE	1/2		NONE	K--



SEE SHEET 1 EC NO: IPG2014-4233 DRAWN: MONAHAN 2014/01/06 CHKD: APPR: STURTELLIN 2014/01/20 AC	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.05 ± --- 1 PLACE ± 0.1 ± --- ANGULAR ± ---°	DIMENSION STYLE MM ONLY DRAWN BY DATE GMC/SWEEN 2004/10/14 CHECKED BY DATE BMAGUIE 2005/01/07 APPROVED BY DATE BMAGUIE 2010/10/20 MATERIAL NO.	SCALE 2:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE RAST 5 INDIRECT FEMALE ASSEMBLY 16 AMPS	Molex MOLEX INCORPORATED	DOCUMENT NO. SD-91779-001	SHEET NO. 2 OF 5
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

CIRCUIT 2 CONTIN'D									
MOLEX PART NO.	HOUSING NO.	CIRCUIT SIZE	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	COLOUR STRIPE	REF.
91779-0039	91779-9001	2	NATURAL	1a 2b	NONE	1/2		NONE	K06



SEE SHEET 1 EC NO: IPG2014-4233 DRAWN: MONAHAN 2014/01/06 CHKD: APPR: STRIFFLIN 2014/01/20 AC	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY	DATE	TITLE RAST 5 INDIRECT FEMALE ASSEMBLY 16 AMPS			
			4 PLACES	± ---	± ---	GMC SWEEN	2004/10/14				
			3 PLACES	± ---	± ---	CHECKED BY	DATE	DOCUMENT NO. SD-91779-001			
			2 PLACES	± 0.05	± ---	BMAGUIE	2005/01/07				
			1 PLACE	± 0.1	± ---	APPROVED BY	DATE	SHEET NO. 3 OF 5			
			0 PLACE	±	±	BMAGUIE	2010/10/20				
			ANGULAR ± ---°			MATERIAL NO.					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLES					
						SIZE A2	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

	13	12	11	10	9	8	7	6	5	4	3	2	1										
J	MOLEX PART NO.	HOUSING NO.	CIRCUIT SIZE	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	COLOUR STRIP	REF.	MOLEX PART NO.	HOUSING NO.	CIRCUIT SIZE	COLOUR	VOID CIRCUIT	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	COLOUR STRIP	REF.	J	
I	91779-0101	91779-9101	3	NATURAL	1a 1b 2a 2b 3a 3b	01c d20 03c d30	1/2		NONE	K00	91779-0120	91779-9102	3	NATURAL	NONE		2b 3b	d30	2/3		NONE	K--	I
H	91779-0102	91779-9102	3	NATURAL	1a 1b 2a 2b 3a 3b	01c d10 02c d30	2/3		NONE	K90	91779-0121	91779-9101	3	NATURAL	NONE	NONE	01c d30	1/2		NONE	K--	H	
G	91779-0103	91779-9101	3	NATURAL	1b	01c d20	1/2		NONE	K01	91779-0122	91779-9103	3	RED	NONE	1b 2a 2b 3b	NONE	2/3		NONE	k124	G	
F	91779-0104	91779-9102	3	NATURAL	2a	d10 d30	2/3		NONE	K44	91779-0123	91779-9103	3	RED	2	2b 3b	d10	2/3		NONE	k84	F	
E	91779-0105	91779-9102	3	NATURAL	3b	02c d30	2/3		NONE	K--	91779-0124	91779-9102	3	NATURAL	NONE	NONE	d10 02c d30	2/3		NONE	K--	E	
D	91779-0106	91779-9101	3	NATURAL	NONE	NONE	1/2		NONE	k59	91779-0126	91779-9101	3	NATURAL	NONE	3b	01c d30	1/2		NONE	K--	D	
C	91779-0107	91779-9101	3	NATURAL	1b	01c d20	1/2		RED	k01	91779-0127	91779-9102	3	NATURAL	NONE	1a 2a 3b	d10 d30	2/3		NONE	k170	C	
B	91779-0108	91779-9101	3	NATURAL	1a	01c d20	1/2		NONE	K154	91779-0128	91779-9102	3	NATURAL	NONE	1a 2b	NONE	2/3		NONE	K--	B	
A	91779-0109	91779-9103	3	RED	1a 1b 2a 2b 3a 3b	NONE	2/3		NONE	K39	91779-0129	91779-9102	3	NATURAL	NONE	1a 1b 2a 2b 3a 3b	01c d30	2/3		NONE	K--	A	
	91779-0110	91779-9103	3	RED	2b 3b	d10	2/3		NONE	K84	91779-0130	91779-9101	3	NATURAL	NONE	1a 3b	01c	1/2		NONE	K--		
	91779-0111	91779-9102	3	NATURAL	2b 3a	d10, d30	2/3		NONE	K--													
	91779-0112	PART NUMBER OBSOLETE, REPLACED WITH 91779-0109.																					
D	91779-0113	91779-9103	3	RED	1a 1b 2a 2b 3a 3b	d10	2/3		NONE	K41												D	
C	91779-0114	91779-9102	3	NATURAL	1a 1b 2a 2b 3a 3b	d10	2/3		NONE	K41												C	
B	91779-0115	91779-9101	3	NATURAL	NONE	03C	1/2		NONE	K72												B	
A	91779-0116	91779-9101	3	NATURAL	1a 1b	d30	1/2		NONE	K05												A	
B	91779-0117	91779-9102	3	NATURAL	2a	d10 02c d30	2/3		NONE	K--												B	
A	91779-0118	91779-9102	3	NATURAL	2a	d10	2/3		NONE	K--												A	
	91779-0119	91779-9101	3	NATURAL	2a	01c d30	1/2		NONE	K--													

1a 1b 2a 2b 3a 3b 4a 4b

POSITION KEYS

1 2 3 4

01c d20 03c d30 04c d40

CODING KEYS

LATCH POSITION

CKT 1 CKT 2 CKT 3 CKT 4

KEYING, CODING & LATCH IDENTIFICATION
(4 CKT EXAMPLE SHOWN)
VIEW IN MATING DIRECTION

SEE SHEET 1
EC NO: IPG2014-1233
DRAWN: MONAHAN
CHKD:
APPR: ST. GRIFFIN
2014/01/06

REV

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± 0.05 ± ---
1 PLACE ± 0.1 ± ---
ANGULAR ± ---°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

SCALE
2:1

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

DRAWN BY
DATE
GMC/SWEEN 2004/10/14

CHECKED BY
DATE
BMAGUIE 2005/01/07

APPROVED BY
DATE
BMAGUIE 2010/10/20

MATERIAL NO.

DOCUMENT NO.

SHEET NO.
4 OF 5

RAST 5 INDIRECT
FEMALE ASSEMBLY
16 AMPS

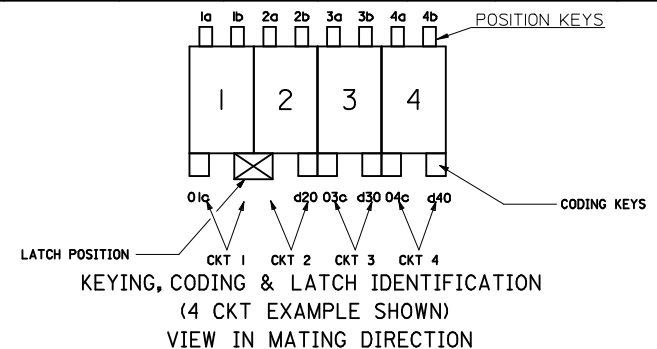
MOLEX INCORPORATED

SD-91779-001

SIZE
A

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INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

	12	11	10	9	8	7	6	5	4	3	2	1	
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SEE SHEET 1		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: PG2014-4233		DRAWN: MONAHAN		2014/01/06		MM ONLY		2:1		METRIC		M	
CHKO:		APPR: STURTELLIN		2014/01/20		DRAWN BY		DATE		TITLE		RAST 5 INDIRECT FEMALE ASSEMBLY 16 AMPS	
AC						CHECKED BY		DATE		MOLEX INCORPORATED		SD-91779-001	
						APPROVED BY		DATE		DOCUMENT NO.		SHEET NO.	
						MATERIAL NO.		2010/10/20		4 OF 5			
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

