

Excellent Integrated System Limited

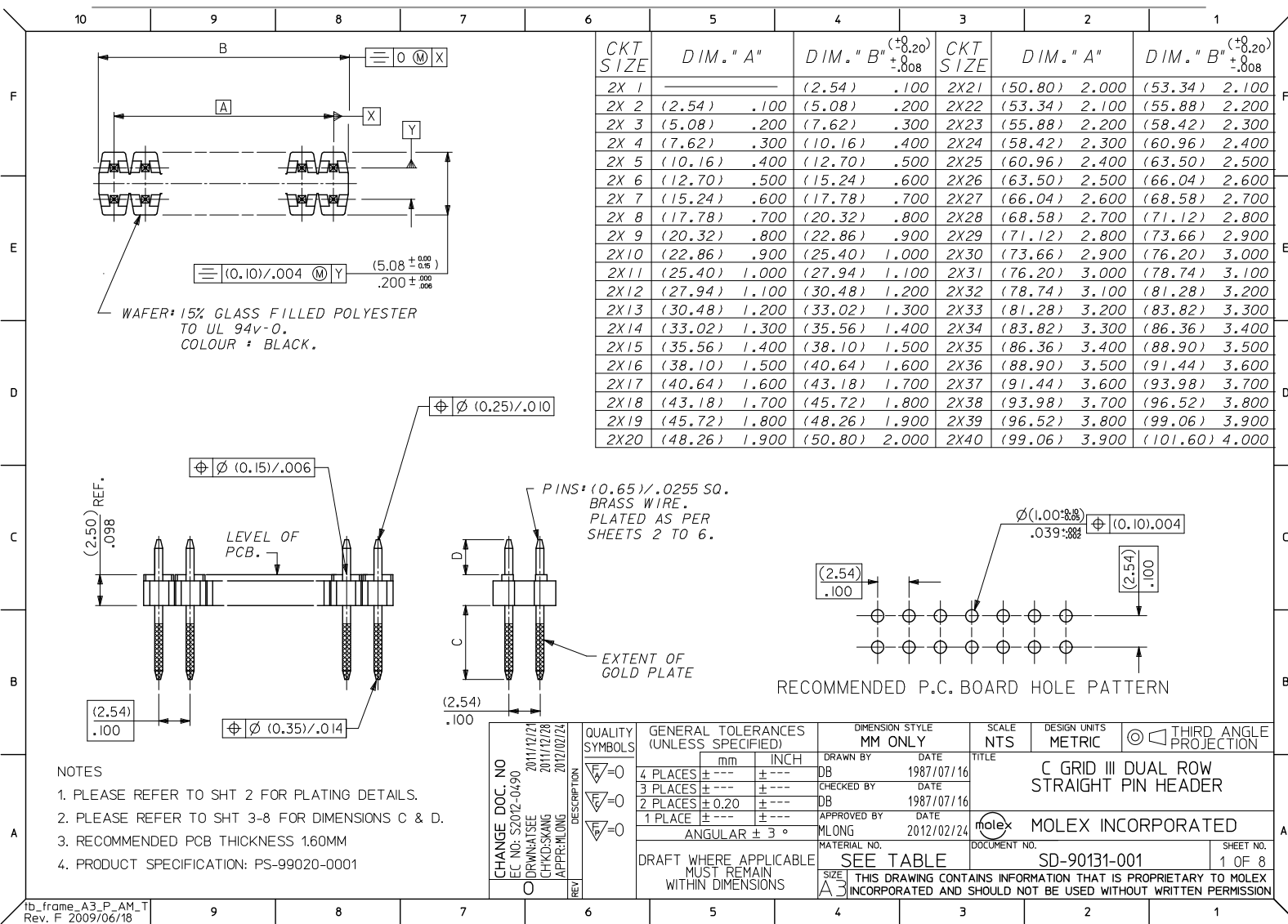
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[90131-0775](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



10 9 8 7 6 5 4 3 2 1

PLATING OPTIONS	PLATING DESCRIPTION
A	3.00µm MIN TIN OVER 1.27µm NICKEL OVERALL
B	0.38µm MIN GOLD IN SELECTED AREA AND 3.00µm MIN TIN IN SELECTED AREA AND 1.30µm MIN NICKEL OVERALL
C	0.76µm MIN GOLD IN SELECTED AREA AND 3.00µm MIN TIN IN SELECTED AREA AND 1.30µm MIN NICKEL OVERALL
D	0.05-0.10µm GOLD FLASH IN SELECTED AREA AND 3.00µm MIN TIN IN SELECTED AREA AND 1.30µm MIN NICKEL OVERALL
E	0.38µm MIN GOLD IN SELECTED AREA (2 SIDES) AND 3.00µm MIN TIN IN SELECTED AREA AND 1.30µm MIN NICKEL OVERALL
F	0.76µm MIN GOLD IN SELECTED AREA (2 SIDES) AND 3.00µm MIN TIN IN SELECTED AREA AND 1.30µm MIN NICKEL OVERALL
G	0.05-0.10µm GOLD FLASH IN SELECTED AREA (2 SIDES) AND 3.00µm MIN TIN IN SELECTED AREA AND 1.30µm MIN NICKEL OVERALL

CHANGE DOC. NO EC NO: S2012-0490 O DRAWN BY 2011/12/24 CHKD BY 2011/12/28 APPROV BY 2012/02/24	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION	
						MM ONLY		NTS	METRIC		
				mm	INCH	DRAWN BY	DATE	TITLE			
			4 PLACES	± ---	± ---	DB	1987/07/16				
			3 PLACES	± ---	± ---	CHECKED BY	DATE	C GRID III DUAL ROW STRAIGHT PIN HEADER			
			2 PLACES	± 0.20	± ---	DB	1987/07/16				
			1 PLACE	± ---	± ---	APPROVED BY	DATE	 MOLEX INCORPORATED			
			ANGULAR ± 3 °		MLONG	2012/02/24					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.		DOCUMENT NO.	SHEET NO.		
						SEE TABLE		SD-90131-001	2 OF 8		
			SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
			A3								

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

CIRCUIT SIZE	PLATING TYPE A PART NO.	PLATING TYPE E PART NO.	PLATING TYPE F PART NO.
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

DIM C (+0.20/-0.08) (6.75) .266

DIM D (+0.30/-0.02) (2.90) .114

STANDARD PRODUCTS

CHANGE DOC. NO EC NO: S2012-0490 DRAWN BY: NTSEE CHKD: SKANG APPR: MLONG	2011/12/21	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION
	2011/02/28					MM ONLY		NTS	METRIC	
	2012/02/24									
	▽=0			4 PLACES ± --- ± ---	DB	1987/07/16	C GRID III DUAL ROW STRAIGHT PIN HEADER			
	▽=0			3 PLACES ± --- ± ---	CHECKED BY	DATE				
	▽=0			2 PLACES ± 0.20 ± ---	DB	1987/07/16				
	▽=0			1 PLACE ± --- ± ---	APPROVED BY	DATE				
ANGULAR ± 3 °		MLONG	2012/02/24	 MOLEX INCORPORATED						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SD-90131-001	SHEET NO. 3 OF 8			
		SEE TABLE								
		SIZE A3 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

CIRCUIT SIZE	PLATING TYPE A PART NO.	PLATING TYPE E PART NO.	PLATING TYPE F PART NO.
2 X 1	90131-0041	90131-0681	90131-0841
2 X 2	-0042	-0682	-0842
2 X 3	-0043	-0683	-0843
2 X 4	-0044	-0684	-0844
2 X 5	-0045	-0685	-0845
2 X 6	-0046	-0686	-0846
2 X 7	-0047	-0687	-0847
2 X 8	-0048	-0688	-0848
2 X 9	-0049	-0689	-0849
2 X 10	-0050	-0690	-0850
2 X 11	-0051	-0691	-0851
2 X 12	-0052	-0692	-0852
2 X 13	-0053	-0693	-0853
2 X 14	-0054	-0694	-0854
2 X 15	-0055	-0695	-0855
2 X 16	-0056	-0696	-0856
2 X 17	-0057	-0697	-0857
2 X 18	-0058	-0698	-0858
2 X 19	-0059	-0699	-0859
2 X 20	-0060	-0700	-0860
2 X 21	-0061	-0701	-0861
2 X 22	-0062	-0702	-0862
2 X 23	-0063	-0703	-0863
2 X 24	-0064	-0704	-0864
2 X 25	-0065	-0705	-0865
2 X 26	-0066	-0706	-0866
2 X 27	-0067	-0707	-0867
2 X 28	-0068	-0708	-0868
2 X 29	-0069	-0709	-0869
2 X 30	-0070	-0710	-0870
2 X 31	-0071	-0711	-0871
2 X 32	-0072	-0712	-0872
2 X 33	-0073	-0713	-0873
2 X 34	-0074	-0714	-0874
2 X 35	-0075	-0715	-0875
2 X 36	-0076	-0716	-0876
2 X 37	-0077	-0717	-0877
2 X 38	-0078	-0718	-0878
2 X 39	-0079	-0719	-0879
2 X 40	90131-0080	90131-0720	90131-0880

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

DIM
D
(± 0.20)
 $\pm .008$
(2.90)
.114

CIRCUIT SIZE	PLATING TYPE A PART NO.	PLATING TYPE E PART NO.	PLATING TYPE F PART NO.
2 X 1	90131-0081	90131-0721	90131-0881
2 X 2	-0082	-0722	-0882
2 X 3	-0083	-0723	-0883
2 X 4	-0084	-0724	-0884
2 X 5	-0085	-0725	-0885
2 X 6	-0086	-0726	-0886
2 X 7	-0087	-0727	-0887
2 X 8	-0088	-0728	-0888
2 X 9	-0089	-0729	-0889
2 X 10	-0090	-0730	-0890
2 X 11	-0091	-0731	-0891
2 X 12	-0092	-0732	-0892
2 X 13	-0093	-0733	-0893
2 X 14	-0094	-0734	-0894
2 X 15	-0095	-0735	-0895
2 X 16	-0096	-0736	-0896
2 X 17	-0097	-0737	-0897
2 X 18	-0098	-0738	-0898
2 X 19	-0099	-0739	-0899
2 X 20	-0100	-0740	-0900
2 X 21	-0101	-0741	-0901
2 X 22	-0102	-0742	-0902
2 X 23	-0103	-0743	-0903
2 X 24	-0104	-0744	-0904
2 X 25	-0105	-0745	-0905
2 X 26	-0106	-0746	-0906
2 X 27	-0107	-0747	-0907
2 X 28	-0108	-0748	-0908
2 X 29	-0109	-0749	-0909
2 X 30	-0110	-0750	-0910
2 X 31	-0111	-0751	-0911
2 X 32	-0112	-0752	-0912
2 X 33	-0113	-0753	-0913
2 X 34	-0114	-0754	-0914
2 X 35	-0115	-0755	-0915
2 X 36	-0116	-0756	-0916
2 X 37	-0117	-0757	-0917
2 X 38	-0118	-0758	-0918
2 X 39	-0119	-0759	-0919
2 X 40	90131-0120	90131-0760	90131-0920

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

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

NON-STANDARD PRODUCTS

CHANGE DOC. NO
EC NO. S2012-0490
DRAWN/AT/SEE
CHKD:SKANG
APPR:MLONG
O

QUALITY SYMBOLS
DESCRIPTION
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES $\pm$ --- $\pm$ ---
3 PLACES $\pm$ --- $\pm$ ---
2 PLACES ± 0.20 $\pm$ ---
1 PLACE $\pm$ --- $\pm$ ---
ANGULAR $\pm 3^\circ$
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
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.
4 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

tb_frame_A3_P_AM_T
Rev. F 2009/06/18

NON-STANDARD PRODUCTS
NOT FOR GENERAL RELEASE

	10	9	8	7	6	5	4	3	2	1	
	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	
	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	
	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	
	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	
	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	

DIM
C (±0.25)
±.008
(5.75)
.226

DIM
D (±0.25)
±.010
(4.50)
.177

DIM
C (±0.25)
±.008
(6.75)
.266

DIM
D (±0.25)
±.010
(4.50)
.177

**NON-STANDARD PRODUCTS
NOT FOR GENERAL RELEASE**

CHANGE DOC. NO	DATE	DESCRIPTION	REV
EC NO. S2012-0490	2011/12/21	DRW:NAJSEE	0
CHKD:SKANG	2011/12/28		
APPR:MLONG	2012/02/24		

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
✓=0	4 PLACES ± --- ± ---	MM ONLY	NTS	METRIC	
✓=0	3 PLACES ± --- ± ---	DRAWN BY DATE			
✓=0	2 PLACES ± 0.20 ± ---	CHECKED BY DATE			
✓=0	1 PLACE ± --- ± ---	APPROVED BY DATE			
	ANGULAR ± 3 °	MLONG 2012/02/24			
	DRAFT WHERE APPLICABLE	MATERIAL NO.			
	MUST REMAIN WITHIN DIMENSIONS	SEE TABLE			
		SIZE A3			
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

C GRID III DUAL ROW
STRAIGHT PIN HEADER

MOLEX INCORPORATED

SD-90131-001

SHEET NO.
7 OF 8

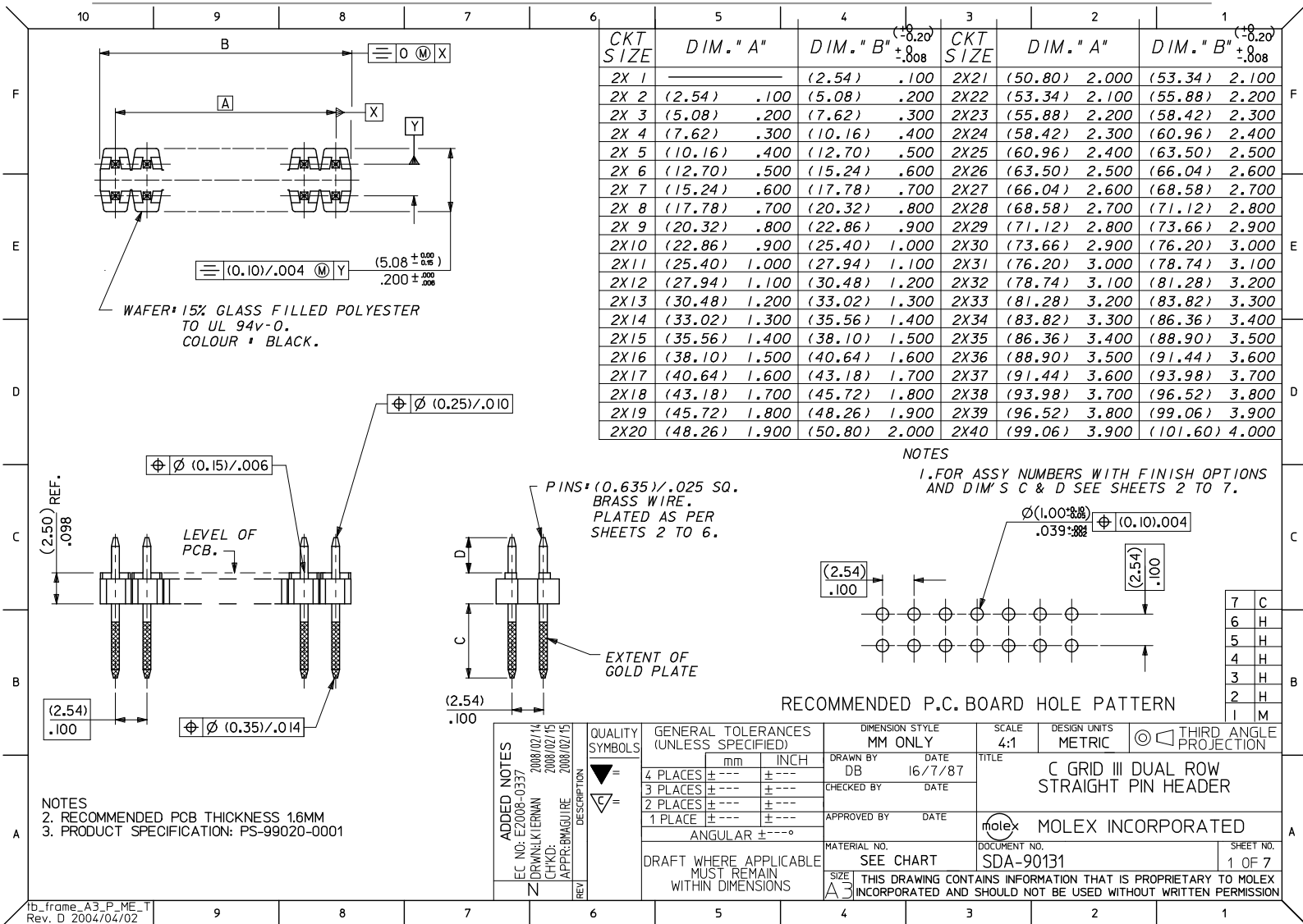
10 9 8 7 6 5 4 3 2 1

CIRCUIT SIZE	PLATING TYPE A PART NO.	PIN PART NUMBER	WAFER PART NUMBER	DIM C ^(+0.20) _{±.008}	DIM D ^(+0.38) _{±.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 O'DRINK: SEE CHKD: SKANG APPR: M LONG REV	2011/02/24	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
	2011/02/28				mm	INCH	DRAWN BY	DATE	TITLE C GRID III DUAL ROW STRAIGHT PIN HEADER		
	2017/02/24			 =0	4 PLACES ± ---	± ---	DB	1987/07/16			
				 =0	3 PLACES ± ---	± ---	CHECKED BY	DATE	MOLEX INCORPORATED		
				 =0	2 PLACES ± 0.20	± ---	DB	1987/07/16			
					1 PLACE ± ---	± ---	APPROVED BY	DATE	DOCUMENT NO. SD-90131-001		
					ANGULAR ± 3 °		MLONG	2012/02/24			
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		SHEET NO. 8 OF 8		
							SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

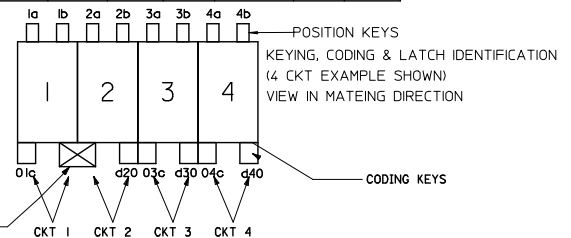
9 8 7 6 5 4 3 2 1



ADDED PART NUMBERS EC NO: F02014-1233 DRAWN: KUNHAN 2014/01/06 CHECKED: KUNHAN 2014/01/06 APPROVED: JEFFREY 2014/01/20 NEW	QUALITY SYMBOLS ◻=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± .01 ± .001 3 PLACES ± .01 ± .001 2 PLACES ± .05 ± .001 1 PLACE ± 0.1 ± .001 ANGULAR ± .000	DIMENSION STYLE MM ONLY DRAWN BY DATE GMSWEN 2004/10/14 CHECKED BY DATE BMAGUIE 2005/01/07 APPROVED BY DATE BMAGUIE 2010/10/20	SCALE 1:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE RAST 5 INDIRECT FEMALE ASSEMBLY 16 AMPS MOLEX MOLEX INCORPORATED	SHEET NO. 1 OF 5
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
	SEE FOLLOWING SHEETS SIZE: A THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
	MATERIAL NO. DOCUMENT NO. SD-91779-001					

MOLEX PART NO.	HOUSING NO.	CIRCUIT SIZE	COLOR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	COLOR 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	K06
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--

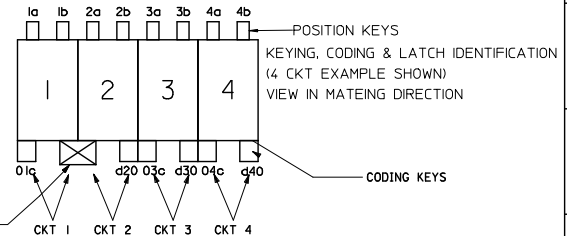
MOLEX PART NO.	HOUSING NO.	CIRCUIT SIZE	COLOR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	COLOR STRIP	REF.
91779-0024	91779-9001	2	NATURAL	1b, 2b	01c	1/2		ORANGE	K--
91779-0025	91779-9001	2	NATURAL	1a, 1b	d20	1/2		NONE	K--
91779-0026	91779-9001	2	NATURAL	1a, 2b	01c	1/2		NONE	K--
91779-0027	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 IEC NO: JG2014-1233 DRAWN BY: DRWINGMAN CHKD: AC APPR: STGRIFIN 2014/01/20	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm	MM ONLY	2:1	METRIC	
	▽=0	INCH				
		4 PLACES ± ---	DRAWN BY: GMC/SWEEN	DATE: 2004/10/14	TITLE: RAST 5 INDIRECT FEMALE ASSEMBLY 16 AMPS	
		3 PLACES ± ---	CHECKED BY: BMAGUIRE	DATE: 2005/01/07		
		2 PLACES ± 0.05	APPROVED BY: BMAGUIRE	DATE: 2010/10/20		
		1 PLACE ± 0.1				
		ANGULAR ± ---				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
		SEE TABLES				
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
			MATERIAL NO.	DOCUMENT NO.	SD-91779-001	SHEET NO. 2 OF 5

CIRCUIT 2 CONTIN'D

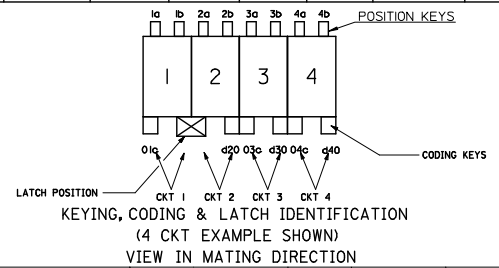
MOLEX PART NO.	HOUSING NO.	CIRCUIT SIZE	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	COLOUR STRIPES	REF.
91779-0039	91779-9001	2	NATURAL	1a 2b	NONE	1/2	1 2	NONE	K06



SEE SHEET 1 EC NO: PG2014-1233 DRAWN: NIMAN CHKD: AC APPRO: STURTEIN REV: 2014/01/20	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽=0	mm	DRAWN BY GMC/SWEEN	DATE 2004/10/14	TITLE RAST 5 INDIRECT FEMALE ASSEMBLY 16 AMPS molex	
	▽=0	INCH	CHECKED BY BMAGUIE	DATE 2005/01/07		
			APPROVED BY BMAGUIE	DATE 2010/10/20		
		4 PLACES ±---	MATERIAL NO.		DOCUMENT NO.	SHEET NO.
		3 PLACES ±---	SEE TABLES		SD-91779-001	3 OF 5
		2 PLACES ±0.05	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		1 PLACE ±0.1				
		0 PLACE ±				
		ANGULAR ±---°				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				

12	11	10	9	8	7	6	5	4	3	2	1
MOLEX PART NO.	HOUSING NO.	CIRCUIT SIZE	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	COLOUR STRIP	REF.		
91779-0101	91779-9101	3	NATURAL	1a 1b 2a 2b 3a 3b	01c d20 03c d30	1/2		NONE	K00		
91779-0102	91779-9102	3	NATURAL	1a 1b 2a 2b 3a 3b	01c d10 02c d30	2/3		NONE	K90		
91779-0103	91779-9101	3	NATURAL	1b	01c d20	1/2		NONE	K01		
91779-0104	91779-9102	3	NATURAL	2a	d10 d30	2/3		NONE	K44		
91779-0105	91779-9102	3	NATURAL	3b	02c d30	2/3		NONE	K--		
91779-0106	91779-9101	3	NATURAL	NONE	NONE	1/2		NONE	k59		
91779-0107	91779-9101	3	NATURAL	1b	01c d20	1/2		RED	k01		
91779-0108	91779-9101	3	NATURAL	1a	01c d20	1/2		NONE	K154		
91779-0109	91779-9103	3	RED	1a 1b 2a 2b 3a 3b	NONE	2/3		NONE	K39		
91779-0110	91779-9103	3	RED	2b 3b	d10	2/3		NONE	K84		
91779-0111	91779-9102	3	NATURAL	2b 3a	d10, d30	2/3		NONE	K--		
91779-0112	PART NUMBER OBSOLETE, REPLACED WITH 91779-0109.										
91779-0113	91779-9103	3	RED	1a 1b 2a 2b 3a 3b	d10	2/3		NONE	K41		
91779-0114	91779-9102	3	NATURAL	1a 1b 2a 2b 3a 3b	d10	2/3		NONE	K41		
91779-0115	91779-9101	3	NATURAL	NONE	03C	1/2		NONE	K72		
91779-0116	91779-9101	3	NATURAL	1a 1b	d30	1/2		NONE	K05		
91779-0117	91779-9102	3	NATURAL	2a	d10 02c d30	2/3		NONE	K--		
91779-0118	91779-9102	3	NATURAL	2a	d10	2/3		NONE	K--		
91779-0119	91779-9101	3	NATURAL	2a	01c d30	1/2		NONE	K--		

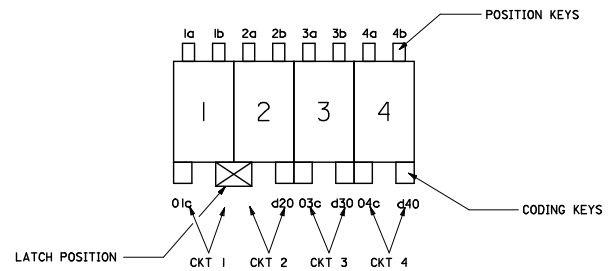
MOLEX PART NO.	HOUSING NO.	CIRCUIT SIZE	COLOUR	VOID CIRCUIT	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	COLOUR STRIP	REF.
91779-0120	91779-9102	3	NATURAL	NONE	2b 3b	d30	2/3		NONE	K--
91779-0121	91779-9101	3	NATURAL	NONE	NONE	01c d30	1/2		NONE	K--
91779-0122	91779-9103	3	RED	NONE	1b 2a 2b 3b	NONE	2/3		NONE	k124
91779-0123	91779-9103	3	RED	2	2b 3b	d10	2/3		NONE	k84
91779-0124	91779-9102	3	NATURAL	NONE	NONE	d10 02c d30	2/3		NONE	K--
91779-0126	91779-9101	3	NATURAL	NONE	3b	01c d30	1/2		NONE	K--
91779-0127	91779-9102	3	NATURAL	NONE	1a 2a 3b	d10 d30	2/3		NONE	k170
91779-0128	91779-9102	3	NATURAL	NONE	1a 2b	NONE	2/3		NONE	K--
91779-0129	91779-9102	3	NATURAL	NONE	1a 1b 2a 2b 3a 3b	01c d30	2/3		NONE	K--
91779-0130	91779-9101	3	NATURAL	NONE	1a 3b	01c	1/2		NONE	K--



SEE SHEET 1 EC NO: PG2014-1233 DRAWN BY: DRWINGNONHAN CHKD: CHIKD APPROV: STORIEFFIN REV: AC	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
				MM ONLY		2:1	METRIC	
	▽=0	mm	INCH	DRAWN BY	DATE	TITLE		
	▽=0	4 PLACES ±---	±---	GM/SWEEN	2004/10/14	RAST 5 INDIRECT FEMALE ASSEMBLY 16 AMPS		
		3 PLACES ±---	±---	CHECKED BY	DATE			
		2 PLACES ±0.05	±---	BMAGUIE	2005/01/07			
		1 PLACE ±0.1	±---	APPROVED BY	DATE			
		ANGULAR ±---		BMAGUIE	2010/10/20	MOLEX INCORPORATED		
				MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLES		SD-91779-001		4 OF 5

13	12	11	10	9	8	7	6	5	4	3	2	1
MOLEX PART NO.	HOUSING NO.	CIRCUIT SIZE	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	COLOUR STRIP	REF.			
91779-0201	91779-9201	4	NATURAL	1a 1b 2a 2b 3a 3b 4a 4b	01c d20 03c d40	1/2 , 3/4		NONE	K00			
91779-0202	91779-9201	4	NATURAL	1b	03c d40	1/2 , 3/4		NONE	K01			
91779-0203	91779-9201	4	NATURAL	1a 3a 3b	01c d20 d40	1/2 , 3/4		NONE	K32			
91779-0204	91779-9202	4	NATURAL	NONE	d20	1/2		NONE	K127			
91779-0205	91779-9201	4	NATURAL	2a, 4b	d20	1/2, 3/4		NONE	K--			
91779-0206	91779-9201	4	NATURAL	2b	d20	1/2, 3/4		NONE	K--			
91779-0207	91779-9207	4	NATURAL	3a	01c d20 03c d40	3/4		NONE	K--			
91779-0208	91779-9201	4	NATURAL	3a	01c d20 03c d40	1/2 3/4		NONE	K--			
91779-0209	91779-9208	4	NATURAL	1a 2b 3b 4b	01c d10 02c d30 04c d40	2/3		NONE	K--			
91779-0210	91779-9201	4	NATURAL	1a 1b 2b 3a 3b 4b	d20 d40	1/2 3/4		NONE	K--			
91779-0211	91779-9201	4	NATURAL	2a 2b 3b 4b	01c d20 03c d40	1/2 3/4		NONE	K--			
91779-0212	91779-9201	4	NATURAL	2a 3a 4b	01c	1/2 3/4		NONE	K--			
91779-0213	91779-9202	4	NATURAL	2a 4b	01c d30	1/2		NONE	K--			
91779-0214	91779-9202	4	NATURAL	1a 1b 2a 2b 3a 3b 4a 4b	01c d20 03c d30 04c d40	1/2		NONE	K--			
91779-0215	91779-9201	4	NATURAL	1a 2b 3b	d40	1/2 3/4		NONE	K--			

MOLEX PART NO.	HOUSING NO.	CIRCUIT SIZE	COLOUR	POSITION KEYS	CODING KEYS	LATCH POSITION	CONFIGURATION	COLOUR STRIP	REF.
91779-0216	91779-9201	4	NATURAL	1b 2a 3a 4b	01c d40	1/2 , 3/4		NONE	K--
91779-0217	PART NUMBER OBSOLETE. REPLACED WITH 91779-0205								
91779-0218	91779-9201	4	NATURAL	1a 1b 3a 3b	03c d40	1/2 , 3/4		NONE	K--
91779-0219	91779-9201	4	NATURAL	1b 2a 3a 4a	01c d20 03c	1/2 , 3/4		NONE	K--



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

SEE SHEET 1 IEC NO: IEC2014-1233 DRAWN BY: DRWINGNONHAN CHKD: AC APPR: STGRIFIN REV: 2014/01/20	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	2:1	METRIC	
	▽=0	4 PLACES ±---	DRAWN BY: GMC SWEN	DATE: 2004/10/14	TITLE: RAST 5 INDIRECT FEMALE ASSEMBLY 16 AMPS MOLEX INCORPORATED	
		3 PLACES ±---	CHECKED BY: BMAGUIRE	DATE: 2005/01/07		
		2 PLACES ±0.05	APPROVED BY: BMAGUIRE	DATE: 2010/10/20	DOCUMENT NO. SD-91779-001	SHEET NO. 5 OF 5
		1 PLACE ±0.1	MATERIAL NO. SEE TABLES SIZE A2 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		ANGULAR ±---				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				