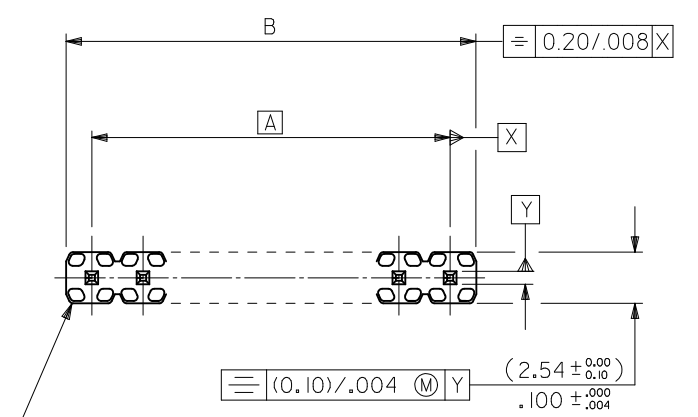
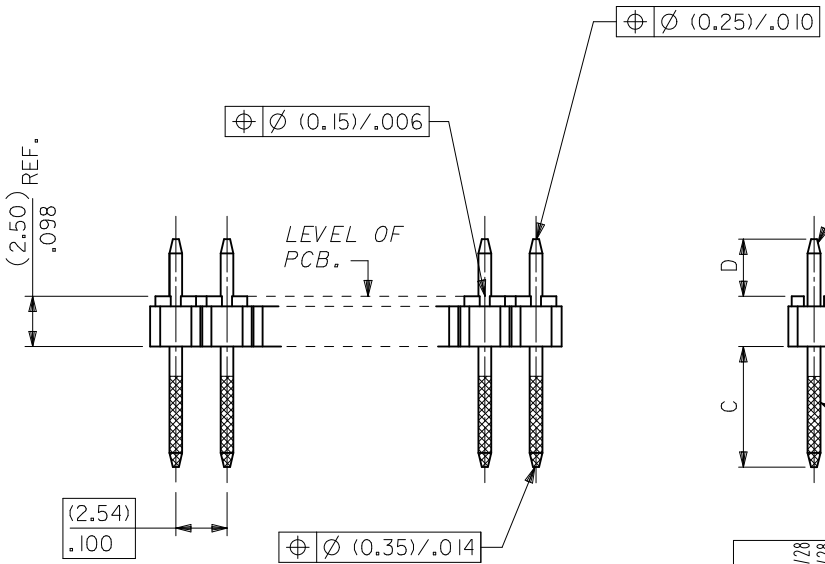


10 9 8 7 6 5 4 3 2 1



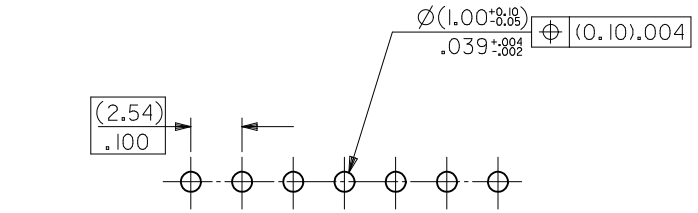
WAFER: 15% GLASS FILLED POLYESTER TO UL 94V-0. COLOUR: BLACK.

CKT SIZE	DIM. "A"		DIM. "B" (+0.45/-0.18)		CKT SIZE	DIM. "A"		DIM. "B" (+0.45/-0.18)	
1X 1			(2.54)	.100	1X21	(50.80)	2.000	(53.34)	2.100
1X 2	(2.54)	.100	(5.08)	.200	1X22	(53.34)	2.100	(55.88)	2.200
1X 3	(5.08)	.200	(7.62)	.300	1X23	(55.88)	2.200	(58.42)	2.300
1X 4	(7.62)	.300	(10.16)	.400	1X24	(58.42)	2.300	(60.96)	2.400
1X 5	(10.16)	.400	(12.70)	.500	1X25	(60.96)	2.400	(63.50)	2.500
1X 6	(12.70)	.500	(15.24)	.600	1X26	(63.50)	2.500	(66.04)	2.600
1X 7	(15.24)	.600	(17.78)	.700	1X27	(66.04)	2.600	(68.58)	2.700
1X 8	(17.78)	.700	(20.32)	.800	1X28	(68.58)	2.700	(71.12)	2.800
1X 9	(20.32)	.800	(22.86)	.900	1X29	(71.12)	2.800	(73.66)	2.900
1X 10	(22.86)	.900	(25.40)	1.000	1X30	(73.66)	2.900	(76.20)	3.000
1X 11	(25.40)	1.000	(27.94)	1.100	1X31	(76.20)	3.000	(78.74)	3.100
1X 12	(27.94)	1.100	(30.48)	1.200	1X32	(78.74)	3.100	(81.28)	3.200
1X 13	(30.48)	1.200	(33.02)	1.300	1X33	(81.28)	3.200	(83.82)	3.300
1X 14	(33.02)	1.300	(35.56)	1.400	1X34	(83.82)	3.300	(86.36)	3.400
1X 15	(35.56)	1.400	(38.10)	1.500	1X35	(86.36)	3.400	(88.90)	3.500
1X 16	(38.10)	1.500	(40.64)	1.600	1X36	(88.90)	3.500	(91.44)	3.600
1X 17	(40.64)	1.600	(43.18)	1.700	1X37	(91.44)	3.600	(93.98)	3.700
1X 18	(43.18)	1.700	(45.72)	1.800	1X38	(93.98)	3.700	(96.52)	3.800
1X 19	(45.72)	1.800	(48.26)	1.900	1X39	(96.52)	3.800	(99.06)	3.900
1X 20	(48.26)	1.900	(50.80)	2.000	1X40	(99.06)	3.900	(101.60)	4.000



PINS: (0.650)/.0255 SQ. BRASS WIRE. PLATED AS PER SHEETS 2 TO 6.

EXTENT OF GOLD PLATE.



RECOMMENDED P.C. BOARD HOLE PATTERN

- NOTES
- PLEASE REFER TO SHT 2 FOR PLATING DETAILS.
  - PLEASE REFER TO SHT 3-7 FOR DIMENSIONS C & D.
  - RECOMMENDED PCB THICKNESS 1.60MM
  - PRODUCT SPECIFICATION: PS-99020-0001

<b>CHANGE DOC. NO</b> EC NO: S2012-0490 DRW: N3 CHKD: SKANG APPR: MLONG 2011/12/28 2011/12/28 2012/02/24	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$F_A=0$	mm INCH	MM ONLY	NTS	METRIC	
	$F_G=0$	4 PLACES ± --- ± ---	DRAWN BY DATE			
	$F_P=0$	3 PLACES ± --- ± ---	JDENNEHY 2006/01/18			
	2 PLACES ± 0.20 ± ---	CHECKED BY DATE				C-GRID III SINGLE ROW STRAIGHT PIN HEADER MOLEX INCORPORATED
	1 PLACE ± --- ± ---	DWASZKIEWICZ 2006/01/18				
	ANGULAR ± 3°	APPROVED BY DATE				MOLEX SD-90120-001 SHEET NO. 1 OF 7
		MLONG 2012/02/24				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	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

PLATING OPTIONS	PLATING DESCRIPTION
A	3.00µm MIN TIN OVER 1.27MIN 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

<b>CHANGE DOC. NO</b> EC NO: S2012-0490 DRWN:ATSEE 2011/12/28 CHKD:SKANG 2011/12/28 APPR:MLONG 2012/02/24	QUALITY SYMBOLS $\nabla_A = 0$ $\nabla_C = 0$ $\nabla_P = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---	DRAWN BY JDENNEHY	DATE 2006/01/18	TITLE C-GRID III SINGLE ROW STRAIGHT PIN HEADER				
		3 PLACES ± --- ± ---	CHECKED BY DWASZKIEWICZ	DATE 2006/01/18	MOLEX INCORPORATED				
		2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± ---	APPROVED BY MLONG	DATE 2012/02/24	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-90120-001	SHEET NO. 2 OF 7		
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							

CIRCUIT SIZE	PLATING TYPE A		PLATING TYPE E		PLATING TYPE F	
	PART NO.	CUSTOMER SPECIFIC PART NO.	PART NO.	CUSTOMER SPECIFIC PART NO.	PART NO.	CUSTOMER SPECIFIC PART NO.
1 X 1	90120-0121	90120-9121	90120-0761	90120-9761	90120-0921	90120-9921
1 X 2	▲ -0122	▲ -9122	▲ -0762	▲ -9762	▲ -0922	▲ -9922
1 X 3	-0123	-9123	-0763	-9763	-0923	-9923
1 X 4	-0124	-9124	-0764	-9764	-0924	-9924
1 X 5	-0125	-9125	-0765	-9765	-0925	-9925
1 X 6	-0126	-9126	-0766	-9766	-0926	-9926
1 X 7	-0127	-9127	-0767	-9767	-0927	-9927
1 X 8	-0128	-9128	-0768	-9768	-0928	-9928
1 X 9	-0129	-9129	-0769	-9769	-0929	-9929
1 X 10	-0130	-9130	-0770	-9770	-0930	-9930
1 X 11	-0131	-9131	-0771	-9771	-0931	-9931
1 X 12	-0132	-9132	-0772	-9772	-0932	-9932
1 X 13	-0133	-9133	-0773	-9773	-0933	-9933
1 X 14	-0134	-9134	-0774	-9774	-0934	-9934
1 X 15	-0135	-9135	-0775	-9775	-0935	-9935
1 X 16	-0136	-9136	-0776	-9776	-0936	-9936
1 X 17	-0137	-9137	-0777	-9777	-0937	-9937
1 X 18	-0138	-9138	-0778	-9778	-0938	-9938
1 X 19	-0139	-9139	-0779	-9779	-0939	-9939
1 X 20	-0140	-9140	-0780	-9780	-0940	-9940
1 X 21	-0141	-9141	-0781	-9781	-0941	-9941
1 X 22	-0142	-9142	-0782	-9782	-0942	-9942
1 X 23	-0143	-9143	-0783	-9783	-0943	-9943
1 X 24	-0144	-9144	-0784	-9784	-0944	-9944
1 X 25	-0145	-9145	-0785	-9785	-0945	-9945
1 X 26	-0146	-9146	-0786	-9786	-0946	-9946
1 X 27	-0147	-9147	-0787	-9787	-0947	-9947
1 X 28	-0148	-9148	-0788	-9788	-0948	-9948
1 X 29	-0149	-9149	-0789	-9789	-0949	-9949
1 X 30	-0150	-9150	-0790	-9790	-0950	-9950
1 X 31	-0151	-9151	-0791	-9791	-0951	-9951
1 X 32	-0152	-9152	-0792	-9792	-0952	-9952
1 X 33	-0153	-9153	-0793	-9793	-0953	-9953
1 X 34	-0154	-9154	-0794	-9794	-0954	-9954
1 X 35	-0155	-9155	-0795	-9795	-0955	-9955
1 X 36	-0156	-9156	-0796	-9796	-0956	-9956
1 X 37	-0157	-9157	-0797	-9797	-0957	-9957
1 X 38	-0158	-9158	-0798	-9798	-0958	-9958
1 X 39	▼ -0159	▼ -9159	▼ -0799	▼ -9799	▼ -0959	▼ -9959
1 X 40	90120-0160	90120-9160	90120-0800	90120-9800	90120-0960	90120-9960

DIM C (+0.20 / -0.008) (6.75) .266

DIM D (+0.20 / -0.30) (+.008 / -.012) (2.90) .114

STANDARD PRODUCTS

CHANGE DOC. NO  
EC NO: S2012-0490  
2011/12/28  
DRINKATSEE  
2011/12/28  
CHYD:SKANG  
2012/02/24  
APPR:MLONG

QUALITY SYMBOLS  
F<sub>A</sub>=0  
F<sub>E</sub>=0  
F<sub>F</sub>=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  
JDENNEHY 2006/01/18  
CHECKED BY DATE  
DWASZKIEWICZ 2006/01/18  
APPROVED BY DATE  
MLONG 2012/02/24  
MATERIAL NO.  
SEE TABLE

SCALE  
NTS  
DESIGN UNITS  
METRIC  
THIRD ANGLE PROJECTION

TITLE  
C-GRID III  
SINGLE ROW STRAIGHT  
PIN HEADER  
MOLEX INCORPORATED  
SD-90120-001  
SHEET NO.  
3 OF 8  
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.	PLATING TYPE E PART NO.	PLATING TYPE F PART NO.
I X 1	90120-0041	90120-0681	90120-0841
I X 2	▲ -0042	▲ -0682	▲ -0842
I X 3	-0043	-0683	-0843
I X 4	-0044	-0684	-0844
I X 5	-0045	-0685	-0845
I X 6	-0046	-0686	-0846
I X 7	-0047	-0687	-0847
I X 8	-0048	-0688	-0848
I X 9	-0049	-0689	-0849
I X 10	-0050	-0690	-0850
I X 11	-0051	-0691	-0851
I X 12	-0052	-0692	-0852
I X 13	-0053	-0693	-0853
I X 14	-0054	-0694	-0854
I X 15	-0055	-0695	-0855
I X 16	-0056	-0696	-0856
I X 17	-0057	-0697	-0857
I X 18	-0058	-0698	-0858
I X 19	-0059	-0699	-0859
I X 20	-0060	-0700	-0860
I X 21	-0061	-0701	-0861
I X 22	-0062	-0702	-0862
I X 23	-0063	-0703	-0863
I X 24	-0064	-0704	-0864
I X 25	-0065	-0705	-0865
I X 26	-0066	-0706	-0866
I X 27	-0067	-0707	-0867
I X 28	-0068	-0708	-0868
I X 29	-0069	-0709	-0869
I X 30	-0070	-0710	-0870
I X 31	-0071	-0711	-0871
I X 32	-0072	-0712	-0872
I X 33	-0073	-0713	-0873
I X 34	-0074	-0714	-0874
I X 35	-0075	-0715	-0875
I X 36	-0076	-0716	-0876
I X 37	-0077	-0717	-0877
I X 38	-0078	-0718	-0878
I X 39	▼ -0079	▼ -0719	▼ -0879
I X 40	90120-0080	90120-0720	90120-0880

DIM  
C (±0.20)  
±.008  
(5.75)  
.226

DIM  
D (±0.20)  
±0.30  
±.008  
±.012  
(2.90)  
.114

CIRCUIT SIZE	PLATING TYPE A PART NO.	PLATING TYPE E PART NO.	PLATING TYPE F PART NO.
I X 1	90120-0081	90120-0721	90120-0881
I X 2	▲ -0082	▲ -0722	▲ -0882
I X 3	-0083	-0723	-0883
I X 4	-0084	-0724	-0884
I X 5	-0085	-0725	-0885
I X 6	-0086	-0726	-0886
I X 7	-0087	-0727	-0887
I X 8	-0088	-0728	-0888
I X 9	-0089	-0729	-0889
I X 10	-0090	-0730	-0890
I X 11	-0091	-0731	-0891
I X 12	-0092	-0732	-0892
I X 13	-0093	-0733	-0893
I X 14	-0094	-0734	-0894
I X 15	-0095	-0735	-0895
I X 16	-0096	-0736	-0896
I X 17	-0097	-0737	-0897
I X 18	-0098	-0738	-0898
I X 19	-0099	-0739	-0899
I X 20	-0100	-0740	-0900
I X 21	-0101	-0741	-0901
I X 22	-0102	-0742	-0902
I X 23	-0103	-0743	-0903
I X 24	-0104	-0744	-0904
I X 25	-0105	-0745	-0905
I X 26	-0106	-0746	-0906
I X 27	-0107	-0747	-0907
I X 28	-0108	-0748	-0908
I X 29	-0109	-0749	-0909
I X 30	-0110	-0750	-0910
I X 31	-0111	-0751	-0911
I X 32	-0112	-0752	-0912
I X 33	-0113	-0753	-0913
I X 34	-0114	-0754	-0914
I X 35	-0115	-0755	-0915
I X 36	-0116	-0756	-0916
I X 37	-0117	-0757	-0917
I X 38	-0118	-0758	-0918
I X 39	▼ -0119	▼ -0759	▼ -0919
I X 40	90120-0120	90120-0760	90120-0920

DIM  
C (±0.20)  
±.008  
(5.75)  
.226

DIM  
D (±0.25)  
±.010  
(4.50)  
.177

NON-STANDARD PRODUCTS

<b>CHANGE DOC. NO</b> EC NO: S2012-0490 DRWN:ATSEE 2011/12/28 CHKD:SKANG 2011/12/28 APPR:MLONG 2012/02/24	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$F_A=0$ $F_C=0$ $F_P=0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3°	MM ONLY	NTS	METRIC	
	DRAWN BY DATE JDENNEHY 2006/01/18 CHECKED BY DATE DWASZKIEWICZ 2006/01/18 APPROVED BY DATE MLONG 2012/02/24	TITLE C-GRID III SINGLE ROW STRAIGHT PIN HEADER				
	MATERIAL NO. SEE TABLE	MOLEX INCORPORATED DOCUMENT NO. SD-90120-001	SHEET NO. 4 OF 7			

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

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.
1 X 1	90120-0161	90120-0801	90120-0961
1 X 2	▲ -0162	▲ -0802	▲ -0962
1 X 3	-0163	-0803	-0963
1 X 4	-0164	-0804	-0964
1 X 5	-0165	-0805	-0965
1 X 6	-0166	-0806	-0966
1 X 7	-0167	-0807	-0967
1 X 8	-0168	-0808	-0968
1 X 9	-0169	-0809	-0969
1 X 10	-0170	-0810	-0970
1 X 11	-0171	-0811	-0971
1 X 12	-0172	-0812	-0972
1 X 13	-0173	-0813	-0973
1 X 14	-0174	-0814	-0974
1 X 15	-0175	-0815	-0975
1 X 16	-0176	-0816	-0976
1 X 17	-0177	-0817	-0977
1 X 18	-0178	-0818	-0978
1 X 19	-0179	-0819	-0979
1 X 20	-0180	-0820	-0980
1 X 21	-0181	-0821	-0981
1 X 22	-0182	-0822	-0982
1 X 23	-0183	-0823	-0983
1 X 24	-0184	-0824	-0984
1 X 25	-0185	-0825	-0985
1 X 26	-0186	-0826	-0986
1 X 27	-0187	-0827	-0987
1 X 28	-0188	-0828	-0988
1 X 29	-0189	-0829	-0989
1 X 30	-0190	-0830	-0990
1 X 31	-0191	-0831	-0991
1 X 32	-0192	-0832	-0992
1 X 33	-0193	-0833	-0993
1 X 34	-0194	-0834	-0994
1 X 35	-0195	-0835	-0995
1 X 36	-0196	-0836	-0996
1 X 37	-0197	-0837	-0997
1 X 38	-0198	-0838	-0998
1 X 39	▼ -0199	▼ -0839	▼ -0999
1 X 40	90120-0200	90120-0840	90120-1000

DIM C  
(±0.20)  
±.008  
(6.75)  
.266

DIM D  
(±0.25)  
±.010  
(4.50)  
.177

NON-STANDARD PRODUCTS

CHANGE DOC. NO EC NO: S2012-0490 DRVNATSEE 2011/12/28 CHYK:SKANG 2011/12/28 APPR:MLONG 2012/02/24	QUALITY SYMBOLS F <sub>A</sub> =0 F <sub>C</sub> =0 F <sub>P</sub> =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY JDENNEHY	DATE 2006/01/18	TITLE C-GRID III SINGLE ROW STRAIGHT PIN HEADER		
			4 PLACES ± ---	± ---	CHECKED BY DWASZKIEWICZ	DATE 2006/01/18	MOLEX INCORPORATED		
			3 PLACES ± ---	± ---	APPROVED BY MLONG	DATE 2012/02/24	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
		2 PLACES ± 0.20	± ---	SEE TABLE		SD-90120-001		5 OF 7	
		1 PLACE ± ---	± ---	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			

	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 G PART NO.	PLATING TYPE B PART NO.	PLATING TYPE C PART NO.	PLATING TYPE D PART NO.	F
		90120-0281	90120-0441	90120-0601	90120-1081		90120-1001	90120-0201	90120-0361	90120-0521	
		↑ -0282	↑ -0442	↑ -0602	↑ -1082		↑ -1002	↑ -0202	↑ -0362	↑ -0522	
		-0283	-0443	-0603	-1083		-1003	-0203	-0363	-0523	
		-0284	-0444	-0604	-1084		-1004	-0204	-0364	-0524	
		-0285	-0445	-0605	-1085		-1005	-0205	-0365	-0525	
		-0286	-0446	-0606	-1086		-1006	-0206	-0366	-0526	
		-0287	-0447	-0607	-1087		-1007	-0207	-0367	-0527	
		-0288	-0448	-0608	-1088		-1008	-0208	-0368	-0528	
		-0289	-0449	-0609	-1089		-1009	-0209	-0369	-0529	
		-0290	-0450	-0610	-1090		-1010	-0210	-0370	-0530	
		-0291	-0451	-0611	-1091		-1011	-0211	-0371	-0531	
		-0292	-0452	-0612	-1092		-1012	-0212	-0372	-0532	
		-0293	-0453	-0613	-1093		-1013	-0213	-0373	-0533	
		-0294	-0454	-0614	-1094		-1014	-0214	-0374	-0534	
		-0295	-0455	-0615	-1095		-1015	-0215	-0375	-0535	
		-0296	-0456	-0616	-1096		-1016	-0216	-0376	-0536	
		-0297	-0457	-0617	-1097		-1017	-0217	-0377	-0537	
		-0298	-0458	-0618	-1098		-1018	-0218	-0378	-0538	
		-0299	-0459	-0619	-1099		-1019	-0219	-0379	-0539	
		-0300	-0460	-0620	-1100		-1020	-0220	-0380	-0540	
		-0301	-0461	-0621	-1101		-1021	-0221	-0381	-0541	
		-0302	-0462	-0622	-1102		-1022	-0222	-0382	-0542	
		-0303	-0463	-0623	-1103		-1023	-0223	-0383	-0543	
		-0304	-0464	-0624	-1104		-1024	-0224	-0384	-0544	
		-0305	-0465	-0625	-1105		-1025	-0225	-0385	-0545	
		-0306	-0466	-0626	-1106		-1026	-0226	-0386	-0546	
		-0307	-0467	-0627	-1107		-1027	-0227	-0387	-0547	
		-0308	-0468	-0628	-1108		-1028	-0228	-0388	-0548	
		-0309	-0469	-0629	-1109		-1029	-0229	-0389	-0549	
		-0310	-0470	-0630	-1110		-1030	-0230	-0390	-0550	
		-0311	-0471	-0631	-1111		-1031	-0231	-0391	-0551	
		-0312	-0472	-0632	-1112		-1032	-0232	-0392	-0552	
		-0313	-0473	-0633	-1113		-1033	-0233	-0393	-0553	
		-0314	-0474	-0634	-1114		-1034	-0234	-0394	-0554	
		-0315	-0475	-0635	-1115		-1035	-0235	-0395	-0555	
		-0316	-0476	-0636	-1116		-1036	-0236	-0396	-0556	
		-0317	-0477	-0637	-1117		-1037	-0237	-0397	-0557	
		-0318	-0478	-0638	-1118		-1038	-0238	-0398	-0558	
		-0319	-0479	-0639	-1119		-1039	-0239	-0399	-0559	
-0320	-0480	-0640	-1120	-1040	-0240	-0400	-0560				

DIM C (+0.20/-0.008) (6.75) .266

DIM D (+0.20/-0.30) (+0.008/-0.012) (2.90) .114

DIM C (+0.20/-0.008) (5.75) .226

DIM D (+0.20/-0.30) (+0.008/-0.012) (2.90) .114

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

CHANGE DOC. NO  
EC NO: S2012-0490  
2011/12/28  
DRAWN:ATSEE  
CHKD:SKANG  
2011/12/28  
APPR:MLONG  
2012/02/24

QUALITY SYMBOLS  
▽<sub>A</sub>=0  
▽<sub>B</sub>=0  
▽<sub>C</sub>=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: JDENNEHY  
DATE: 2006/01/18

CHECKED BY: DWASZKIEWICZ  
DATE: 2006/01/18

APPROVED BY: MLONG  
DATE: 2012/02/24

MATERIAL NO.  
SEE TABLE

SCALE: NTS

DESIGN UNITS: METRIC

THIRD ANGLE PROJECTION

C-GRID III  
SINGLE ROW STRAIGHT  
PIN HEADER

MOLEX INCORPORATED

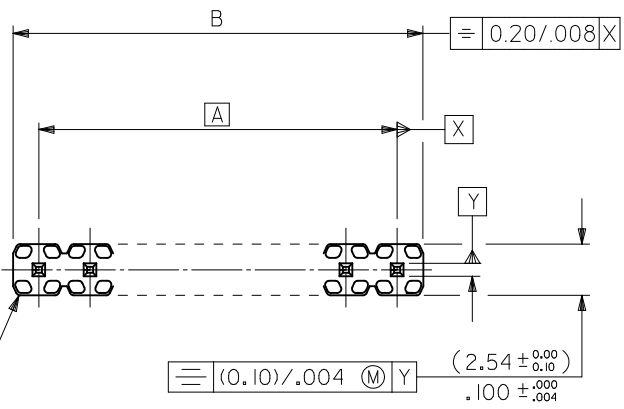
DOCUMENT NO.: SD-90120-001

SHEET NO.: 6 OF 7

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

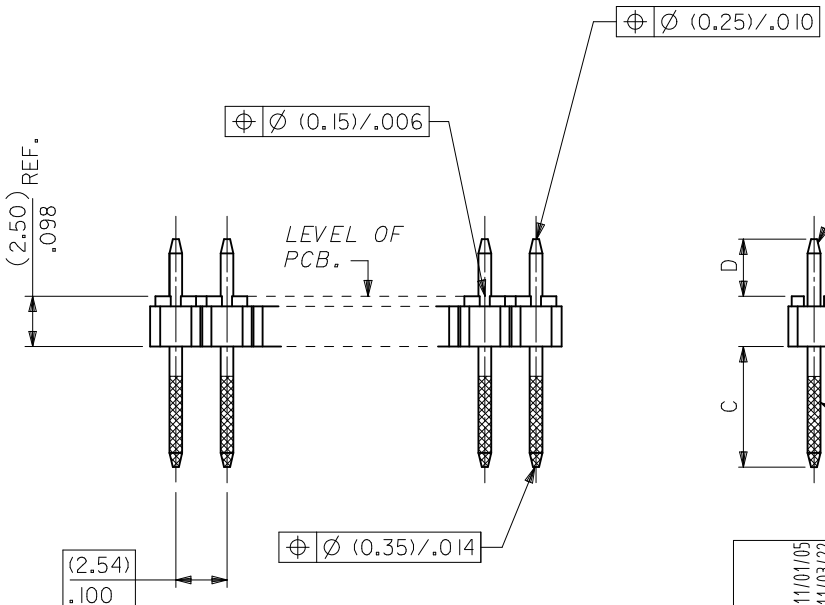


WAFER: 15% GLASS FILLED POLYESTER  
TO UL 94V-0.  
COLOUR: BLACK.

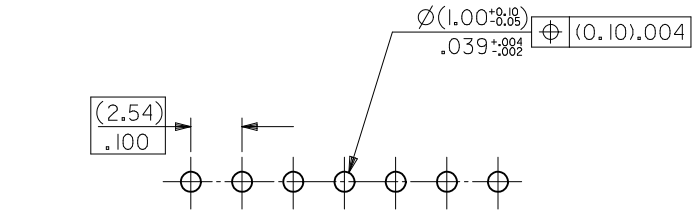
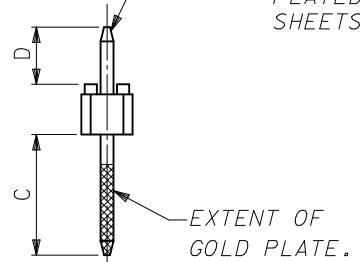
CKT SIZE	DIM. "A"		DIM. "B" <sup>(+0.45)</sup> <sub>(-0.18)</sub>		CKT SIZE	DIM. "A"		DIM. "B" <sup>(+0.45)</sup> <sub>(-0.18)</sub>	
1X 1			(2.54)	.100	1X21	(50.80)	2.000	(53.34)	2.100
1X 2	(2.54)	.100	(5.08)	.200	1X22	(53.34)	2.100	(55.88)	2.200
1X 3	(5.08)	.200	(7.62)	.300	1X23	(55.88)	2.200	(58.42)	2.300
1X 4	(7.62)	.300	(10.16)	.400	1X24	(58.42)	2.300	(60.96)	2.400
1X 5	(10.16)	.400	(12.70)	.500	1X25	(60.96)	2.400	(63.50)	2.500
1X 6	(12.70)	.500	(15.24)	.600	1X26	(63.50)	2.500	(66.04)	2.600
1X 7	(15.24)	.600	(17.78)	.700	1X27	(66.04)	2.600	(68.58)	2.700
1X 8	(17.78)	.700	(20.32)	.800	1X28	(68.58)	2.700	(71.12)	2.800
1X 9	(20.32)	.800	(22.86)	.900	1X29	(71.12)	2.800	(73.66)	2.900
1X 10	(22.86)	.900	(25.40)	1.000	1X30	(73.66)	2.900	(76.20)	3.000
1X 11	(25.40)	1.000	(27.94)	1.100	1X31	(76.20)	3.000	(78.74)	3.100
1X 12	(27.94)	1.100	(30.48)	1.200	1X32	(78.74)	3.100	(81.28)	3.200
1X 13	(30.48)	1.200	(33.02)	1.300	1X33	(81.28)	3.200	(83.82)	3.300
1X 14	(33.02)	1.300	(35.56)	1.400	1X34	(83.82)	3.300	(86.36)	3.400
1X 15	(35.56)	1.400	(38.10)	1.500	1X35	(86.36)	3.400	(88.90)	3.500
1X 16	(38.10)	1.500	(40.64)	1.600	1X36	(88.90)	3.500	(91.44)	3.600
1X 17	(40.64)	1.600	(43.18)	1.700	1X37	(91.44)	3.600	(93.98)	3.700
1X 18	(43.18)	1.700	(45.72)	1.800	1X38	(93.98)	3.700	(96.52)	3.800
1X 19	(45.72)	1.800	(48.26)	1.900	1X39	(96.52)	3.800	(99.06)	3.900
1X 20	(48.26)	1.900	(50.80)	2.000	1X40	(99.06)	3.900	(101.60)	4.000

NOTES

- FOR ASSY NUMBERS WITH FINISH OPTIONS AND DIM'S C & D SEE SHEETS 2 TO 6.
- PRODUCT SPEC: PS-99020-0001
- RECOMMENDED PCB THICKNESS 1.6mm



PINS: (0.650) / .0255 SQ. BRASS WIRE. PLATED AS PER SHEETS 2 TO 6.



REVISE PIN DIM EC NO: S2011-0579 DRWN:SKANG CHKD:ATSEE APPR:MLONG 2011/01/05 2011/03/22 2011/03/22	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
	$F_A = 0$	mm	INCH	MM/IN		NTS	METRIC			
	$F_B = 0$	4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE			
	$F_C = 0$	3 PLACES	± ---	± ---	JDENNEHY	2006/01/18	C-GRID III SINGLE ROW STRAIGHT PIN HEADER			
$F_D = 0$	2 PLACES	± ---	± ---	CHECKED BY	DATE					
	1 PLACE	± ---	± ---	DWASZKIEWICZ	2006/01/18					
	ANGULAR	± ---°		APPROVED BY	DATE					
				MLONG	2009/12/21					
				MATERIAL NO.						
				SEE TABLE						
				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						
				MATERIAL NO. SDA-90120						
				DOCUMENT NO. SDA-90120						
				SHEET NO. 1 OF 6						

9 8 7 6 5 4 3 2 1



CIRCUIT SIZE	PLATING TYPE A		PLATING TYPE E		PLATING TYPE F	
	PART NO.	CUSTOMER SPECIFIC PART NO.	PART NO.	CUSTOMER SPECIFIC PART NO.	PART NO.	CUSTOMER SPECIFIC PART NO.
1 X 1	90120-0121	90120-9121	90120-0761	90120-9761	90120-0921	90120-9921
1 X 2	▲ -0122	▲ -9122	▲ -0762	▲ -9762	▲ -0922	▲ -9922
1 X 3	-0123	-9123	-0763	-9763	-0923	-9923
1 X 4	-0124	-9124	-0764	-9764	-0924	-9924
1 X 5	-0125	-9125	-0765	-9765	-0925	-9925
1 X 6	-0126	-9126	-0766	-9766	-0926	-9926
1 X 7	-0127	-9127	-0767	-9767	-0927	-9927
1 X 8	-0128	-9128	-0768	-9768	-0928	-9928
1 X 9	-0129	-9129	-0769	-9769	-0929	-9929
1 X 10	-0130	-9130	-0770	-9770	-0930	-9930
1 X 11	-0131	-9131	-0771	-9771	-0931	-9931
1 X 12	-0132	-9132	-0772	-9772	-0932	-9932
1 X 13	-0133	-9133	-0773	-9773	-0933	-9933
1 X 14	-0134	-9134	-0774	-9774	-0934	-9934
1 X 15	-0135	-9135	-0775	-9775	-0935	-9935
1 X 16	-0136	-9136	-0776	-9776	-0936	-9936
1 X 17	-0137	-9137	-0777	-9777	-0937	-9937
1 X 18	-0138	-9138	-0778	-9778	-0938	-9938
1 X 19	-0139	-9139	-0779	-9779	-0939	-9939
1 X 20	-0140	-9140	-0780	-9780	-0940	-9940
1 X 21	-0141	-9141	-0781	-9781	-0941	-9941
1 X 22	-0142	-9142	-0782	-9782	-0942	-9942
1 X 23	-0143	-9143	-0783	-9783	-0943	-9943
1 X 24	-0144	-9144	-0784	-9784	-0944	-9944
1 X 25	-0145	-9145	-0785	-9785	-0945	-9945
1 X 26	-0146	-9146	-0786	-9786	-0946	-9946
1 X 27	-0147	-9147	-0787	-9787	-0947	-9947
1 X 28	-0148	-9148	-0788	-9788	-0948	-9948
1 X 29	-0149	-9149	-0789	-9789	-0949	-9949
1 X 30	-0150	-9150	-0790	-9790	-0950	-9950
1 X 31	-0151	-9151	-0791	-9791	-0951	-9951
1 X 32	-0152	-9152	-0792	-9792	-0952	-9952
1 X 33	-0153	-9153	-0793	-9793	-0953	-9953
1 X 34	-0154	-9154	-0794	-9794	-0954	-9954
1 X 35	-0155	-9155	-0795	-9795	-0955	-9955
1 X 36	-0156	-9156	-0796	-9796	-0956	-9956
1 X 37	-0157	-9157	-0797	-9797	-0957	-9957
1 X 38	-0158	-9158	-0798	-9798	-0958	-9958
1 X 39	▼ -0159	▼ -9159	▼ -0799	▼ -9799	▼ -0959	▼ -9959
1 X 40	90120-0160	90120-9160	90120-0800	90120-9800	90120-0960	90120-9960

DIM C (+0.20 / -0.008) (6.75) .266

DIM D (+0.20 / -0.30) (+.008 / -.012) (2.90) .114

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

**STANDARD PRODUCTS**

REVISE PIN DIM EC NO: S2011-0579 DRWN:SKANG CHYD:ATSEE APPR:MLONG 2011/01/05 2011/03/22 2011/03/22	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$F_A=0$ $F_G=0$ $F_P=0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ± ---°	MM/IN	NTS	METRIC	C-GRID III SINGLE ROW STRAIGHT PIN HEADER
	DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY DATE JDENNEHY 2006/01/18 CHECKED BY DATE DWASZKIEWICZ 2006/01/18 APPROVED BY DATE MLONG 2009/12/21	TITLE	MOLEX INCORPORATED	
	N2	SIZE A3	SEE TABLE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.

CIRCUIT SIZE	PLATING TYPE A PART NO.	PLATING TYPE E PART NO.	PLATING TYPE F PART NO.
1 X 1	90120-0041	90120-0681	90120-0841
1 X 2	▲ -0042	▲ -0682	▲ -0842
1 X 3	-0043	-0683	-0843
1 X 4	-0044	-0684	-0844
1 X 5	-0045	-0685	-0845
1 X 6	-0046	-0686	-0846
1 X 7	-0047	-0687	-0847
1 X 8	-0048	-0688	-0848
1 X 9	-0049	-0689	-0849
1 X 10	-0050	-0690	-0850
1 X 11	-0051	-0691	-0851
1 X 12	-0052	-0692	-0852
1 X 13	-0053	-0693	-0853
1 X 14	-0054	-0694	-0854
1 X 15	-0055	-0695	-0855
1 X 16	-0056	-0696	-0856
1 X 17	-0057	-0697	-0857
1 X 18	-0058	-0698	-0858
1 X 19	-0059	-0699	-0859
1 X 20	-0060	-0700	-0860
1 X 21	-0061	-0701	-0861
1 X 22	-0062	-0702	-0862
1 X 23	-0063	-0703	-0863
1 X 24	-0064	-0704	-0864
1 X 25	-0065	-0705	-0865
1 X 26	-0066	-0706	-0866
1 X 27	-0067	-0707	-0867
1 X 28	-0068	-0708	-0868
1 X 29	-0069	-0709	-0869
1 X 30	-0070	-0710	-0870
1 X 31	-0071	-0711	-0871
1 X 32	-0072	-0712	-0872
1 X 33	-0073	-0713	-0873
1 X 34	-0074	-0714	-0874
1 X 35	-0075	-0715	-0875
1 X 36	-0076	-0716	-0876
1 X 37	-0077	-0717	-0877
1 X 38	-0078	-0718	-0878
1 X 39	▼ -0079	▼ -0719	▼ -0879
1 X 40	90120-0080	90120-0720	90120-0880

DIM  
C (±0.20)  
±.008  
(5.75)  
.226

DIM  
D (±0.20)  
±0.30  
±.008  
±.012  
(2.90)  
.114

CIRCUIT SIZE	PLATING TYPE A PART NO.	PLATING TYPE E PART NO.	PLATING TYPE F PART NO.
1 X 1	90120-0081	90120-0721	90120-0881
1 X 2	▲ -0082	▲ -0722	▲ -0882
1 X 3	-0083	-0723	-0883
1 X 4	-0084	-0724	-0884
1 X 5	-0085	-0725	-0885
1 X 6	-0086	-0726	-0886
1 X 7	-0087	-0727	-0887
1 X 8	-0088	-0728	-0888
1 X 9	-0089	-0729	-0889
1 X 10	-0090	-0730	-0890
1 X 11	-0091	-0731	-0891
1 X 12	-0092	-0732	-0892
1 X 13	-0093	-0733	-0893
1 X 14	-0094	-0734	-0894
1 X 15	-0095	-0735	-0895
1 X 16	-0096	-0736	-0896
1 X 17	-0097	-0737	-0897
1 X 18	-0098	-0738	-0898
1 X 19	-0099	-0739	-0899
1 X 20	-0100	-0740	-0900
1 X 21	-0101	-0741	-0901
1 X 22	-0102	-0742	-0902
1 X 23	-0103	-0743	-0903
1 X 24	-0104	-0744	-0904
1 X 25	-0105	-0745	-0905
1 X 26	-0106	-0746	-0906
1 X 27	-0107	-0747	-0907
1 X 28	-0108	-0748	-0908
1 X 29	-0109	-0749	-0909
1 X 30	-0110	-0750	-0910
1 X 31	-0111	-0751	-0911
1 X 32	-0112	-0752	-0912
1 X 33	-0113	-0753	-0913
1 X 34	-0114	-0754	-0914
1 X 35	-0115	-0755	-0915
1 X 36	-0116	-0756	-0916
1 X 37	-0117	-0757	-0917
1 X 38	-0118	-0758	-0918
1 X 39	▼ -0119	▼ -0759	▼ -0919
1 X 40	90120-0120	90120-0760	90120-0920

DIM  
C (±0.20)  
±.008  
(5.75)  
.226

DIM  
D (±0.25)  
±.010  
(4.50)  
.177

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

**NON-STANDARD PRODUCTS**

REVISE PIN DIM EC NO: S2011-0579 DRWN:SKANG CHKD:ATSEE APPR:MLONG 2011/01/05 2011/03/22 2011/03/22	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla_A = 0$ $\nabla_C = 0$ $\nabla_F = 0$	mm    INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ± ---°	MM/IN	NTS	METRIC	
	DRAWN BY	DATE	TITLE			
	JDENNEHY	2006/01/18	C-GRID III SINGLE ROW STRAIGHT PIN HEADER			
CHECKED BY	DATE	MOLEX INCORPORATED				
DWASZKIEWICZ	2006/01/18	SDA-90120				
APPROVED BY	DATE	SHEET NO.				
MLONG	2009/12/21	3 OF 6				
MATERIAL NO.	DOCUMENT NO.	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
SEE TABLE	SDA-90120					

CIRCUIT SIZE	PLATING TYPE A PART NO.	PLATING TYPE E PART NO.	PLATING TYPE F PART NO.
1 X 1	90120-0161	90120-0801	90120-0961
1 X 2	▲ -0162	▲ -0802	▲ -0962
1 X 3	-0163	-0803	-0963
1 X 4	-0164	-0804	-0964
1 X 5	-0165	-0805	-0965
1 X 6	-0166	-0806	-0966
1 X 7	-0167	-0807	-0967
1 X 8	-0168	-0808	-0968
1 X 9	-0169	-0809	-0969
1 X 10	-0170	-0810	-0970
1 X 11	-0171	-0811	-0971
1 X 12	-0172	-0812	-0972
1 X 13	-0173	-0813	-0973
1 X 14	-0174	-0814	-0974
1 X 15	-0175	-0815	-0975
1 X 16	-0176	-0816	-0976
1 X 17	-0177	-0817	-0977
1 X 18	-0178	-0818	-0978
1 X 19	-0179	-0819	-0979
1 X 20	-0180	-0820	-0980
1 X 21	-0181	-0821	-0981
1 X 22	-0182	-0822	-0982
1 X 23	-0183	-0823	-0983
1 X 24	-0184	-0824	-0984
1 X 25	-0185	-0825	-0985
1 X 26	-0186	-0826	-0986
1 X 27	-0187	-0827	-0987
1 X 28	-0188	-0828	-0988
1 X 29	-0189	-0829	-0989
1 X 30	-0190	-0830	-0990
1 X 31	-0191	-0831	-0991
1 X 32	-0192	-0832	-0992
1 X 33	-0193	-0833	-0993
1 X 34	-0194	-0834	-0994
1 X 35	-0195	-0835	-0995
1 X 36	-0196	-0836	-0996
1 X 37	-0197	-0837	-0997
1 X 38	-0198	-0838	-0998
1 X 39	▼ -0199	▼ -0839	▼ -0999
1 X 40	90120-0200	90120-0840	90120-1000

DIM C  
(±0.20)  
±.008  
(6.75)  
.266

DIM D  
(±0.25)  
±.010  
(4.50)  
.177

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

**NON-STANDARD PRODUCTS**

REVISE PIN DIM EC NO: S2011-0579 DRWN:SKANG 2011/01/05 CHKD:ATSEE 2011/03/22 APPR:MLONG 2011/03/22	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	$\nabla_A=0$ $\nabla_B=0$ $\nabla_P=0$	mm INCH	MM/IN	NTS	METRIC		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± ---	DRAWN BY DATE JDENNEHY 2006/01/18 CHECKED BY DATE DWASZKIEWICZ 2006/01/18 APPROVED BY DATE MLONG 2009/12/21	TITLE	C-GRID III SINGLE ROW STRAIGHT PIN HEADER		
		ANGULAR ± ---°	MATERIAL NO.	MOLEX INCORPORATED			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	DOCUMENT NO.			SHEET NO.	
			SDA-90120				4 OF 6
			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 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		I X 1	90120-0241	90120-0401	90120-0561	90120-1041		I X 1	90120-0321	90120-0481	90120-0641	90120-1121
		I X 2	▲ -0242	▲ -0402	▲ -0562	▲ -1042		I X 2	▲ -0322	▲ -0482	▲ -0642	▲ -1122
		I X 3	-0243	-0403	-0563	-1043		I X 3	-0323	-0483	-0643	-1123
		I X 4	-0244	-0404	-0564	-1044		I X 4	-0324	-0484	-0644	-1124
		I X 5	-0245	-0405	-0565	-1045		I X 5	-0325	-0485	-0645	-1125
		I X 6	-0246	-0406	-0566	-1046		I X 6	-0326	-0486	-0646	-1126
		I X 7	-0247	-0407	-0567	-1047		I X 7	-0327	-0487	-0647	-1127
		I X 8	-0248	-0408	-0568	-1048		I X 8	-0328	-0488	-0648	-1128
		I X 9	-0249	-0409	-0569	-1049		I X 9	-0329	-0489	-0649	-1129
E		I X 10	-0250	-0410	-0570	-1050		I X 10	-0330	-0490	-0650	-1130
		I X 11	-0251	-0411	-0571	-1051		I X 11	-0331	-0491	-0651	-1131
		I X 12	-0252	-0412	-0572	-1052		I X 12	-0332	-0492	-0652	-1132
		I X 13	-0253	-0413	-0573	-1053		I X 13	-0333	-0493	-0653	-1133
		I X 14	-0254	-0414	-0574	-1054		I X 14	-0334	-0494	-0654	-1134
		I X 15	-0255	-0415	-0575	-1055		I X 15	-0335	-0495	-0655	-1135
		I X 16	-0256	-0416	-0576	-1056		I X 16	-0336	-0496	-0656	-1136
		I X 17	-0257	-0417	-0577	-1057		I X 17	-0337	-0497	-0657	-1137
		I X 18	-0258	-0418	-0578	-1058		I X 18	-0338	-0498	-0658	-1138
		I X 19	-0259	-0419	-0579	-1059		I X 19	-0339	-0499	-0659	-1139
		I X 20	-0260	-0420	-0580	-1060		I X 20	-0340	-0500	-0660	-1140
D		I X 21	-0261	-0421	-0581	-1061		I X 21	-0341	-0501	-0661	-1141
		I X 22	-0262	-0422	-0582	-1062		I X 22	-0342	-0502	-0662	-1142
		I X 23	-0263	-0423	-0583	-1063		I X 23	-0343	-0503	-0663	-1143
		I X 24	-0264	-0424	-0584	-1064		I X 24	-0344	-0504	-0664	-1144
		I X 25	-0265	-0425	-0585	-1065		I X 25	-0345	-0505	-0665	-1145
		I X 26	-0266	-0426	-0586	-1066		I X 26	-0346	-0506	-0666	-1146
		I X 27	-0267	-0427	-0587	-1067		I X 27	-0347	-0507	-0667	-1147
		I X 28	-0268	-0428	-0588	-1068		I X 28	-0348	-0508	-0668	-1148
		I X 29	-0269	-0429	-0589	-1069		I X 29	-0349	-0509	-0669	-1149
		I X 30	-0270	-0430	-0590	-1070		I X 30	-0350	-0510	-0670	-1150
		I X 31	-0271	-0431	-0591	-1071		I X 31	-0351	-0511	-0671	-1151
		I X 32	-0272	-0432	-0592	-1072		I X 32	-0352	-0512	-0672	-1152
		I X 33	-0273	-0433	-0593	-1073		I X 33	-0353	-0513	-0673	-1153
		I X 34	-0274	-0434	-0594	-1074		I X 34	-0354	-0514	-0674	-1154
		I X 35	-0275	-0435	-0595	-1075		I X 35	-0355	-0515	-0675	-1155
		I X 36	-0276	-0436	-0596	-1076		I X 36	-0356	-0516	-0676	-1156
		I X 37	-0277	-0437	-0597	-1077		I X 37	-0357	-0517	-0677	-1157
		I X 38	-0278	-0438	-0598	-1078		I X 38	-0358	-0518	-0678	-1158
		I X 39	▼ -0279	▼ -0439	▼ -0599	▼ -1079		I X 39	▼ -0359	▼ -0519	▼ -0679	▼ -1159
		I X 40	90120-0280	90120-0440	90120-0600	90120-1080		I X 40	90120-0360	90120-0520	90120-0680	90120-1160

DIM C (+0.20) ±.008 (5.75) .226

DIM D (+0.25) ±.010 (4.50) .177

DIM C (+0.20) ±.008 (6.75) .266

DIM D (+0.25) ±.010 (4.50) .177

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

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

REVISE PIN DIM  
EC NO: S2011-0579  
DRWN:SKANG 2011/01/05  
CHKD:ATSEE 2011/03/22  
APPR:MLONG 2011/03/22

QUALITY SYMBOLS  
▽<sub>A</sub>=0  
▽<sub>B</sub>=0  
▽<sub>C</sub>=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

ANGULAR ± ---°

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE  
MM/IN

DRAWN BY JDENNEHY DATE 2006/01/18  
CHECKED BY DWASZKIEWICZ DATE 2006/01/18  
APPROVED BY MLONG DATE 2009/12/21

MATERIAL NO. SEE TABLE  
SIZE A3

SCALE NTS  
DESIGN UNITS METRIC  
THIRD ANGLE PROJECTION

TITLE  
C-GRID III  
SINGLE ROW STRAIGHT  
PIN HEADER

MOLEX INCORPORATED

DOCUMENT NO. SDA-90120  
SHEET NO. 6 OF 6

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