

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0901200137](#)  
**Status:** **Active**  
**Overview:** [cgrid\\_iii](#)  
**Description:** 2.54mm (.100") Pitch C-Grid III™ Header, Single Row, Vertical, 17 Circuits, Tin (Sn) Plating

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	<a href="#">90120</a>
Application	Wire-to-Board
Overview	<a href="#">cgrid_iii</a>
Product Name	C-Grid III™

**Physical**

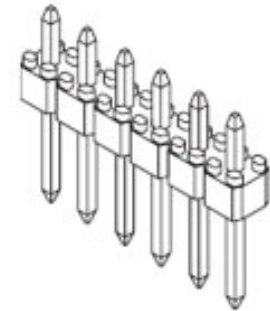
Breakaway	Yes
Circuits (Loaded)	17
Circuits (maximum)	17
Color - Resin	Black
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.114 In
PC Tail Length (mm)	2.90 mm
PCB Locator	No
PCB Retention	None
Packaging Type	Bag
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Plating min: Mating (µin)	160
Plating min: Mating (µm)	4.00
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Stackable	No
Temperature Range - Operating	-55°C to +125°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	3A
Voltage - Maximum	350V

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)



*image - Reference only*

*Series*

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Halogen-Free Status**

**China RoHS**



**Not Reviewed**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[90120Series](#)

**Mates With**

[90147 C-Grid® PC Board Connector](#). [90123 C-Grid III™ Modular Crimp Housing](#)

Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing	SDA-90120
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This document was generated on 05/26/2010

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**



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**

REV GD&T FOR DIM B  
EC NO: S2010-0493  
DRWN:SKANG 2009/12/11  
CHKD:ATSEE 2009/12/21  
APPR:MLONG 2009/12/21

QUALITY SYMBOLS  
F<sub>A</sub>=0  
F<sub>E</sub>=0  
F<sub>F</sub>=0

GENERAL TOLERANCES (UNLESS SPECIFIED)  
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. 2 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	
F	CIRCUIT SIZE	PLATING TYPE A PART NO.	PLATING TYPE E PART NO.	PLATING TYPE F PART NO.	CIRCUIT SIZE	PLATING TYPE A PART NO.	PLATING TYPE E PART NO.	PLATING TYPE F PART NO.	F		
		1 X 1	90120-0041	90120-0681		90120-0841	1 X 1	90120-0081		90120-0721	90120-0881
		1 X 2	▲ -0042	▲ -0682		▲ -0842	1 X 2	▲ -0082		▲ -0722	▲ -0882
		1 X 3	-0043	-0683		-0843	1 X 3	-0083		-0723	-0883
		1 X 4	-0044	-0684		-0844	1 X 4	-0084		-0724	-0884
		1 X 5	-0045	-0685		-0845	1 X 5	-0085		-0725	-0885
		1 X 6	-0046	-0686		-0846	1 X 6	-0086		-0726	-0886
		1 X 7	-0047	-0687		-0847	1 X 7	-0087		-0727	-0887
		1 X 8	-0048	-0688		-0848	1 X 8	-0088		-0728	-0888
		1 X 9	-0049	-0689		-0849	1 X 9	-0089		-0729	-0889
		1 X 10	-0050	-0690		-0850	1 X 10	-0090		-0730	-0890
		1 X 11	-0051	-0691		-0851	1 X 11	-0091		-0731	-0891
		1 X 12	-0052	-0692		-0852	1 X 12	-0092		-0732	-0892
		1 X 13	-0053	-0693		-0853	1 X 13	-0093		-0733	-0893
		1 X 14	-0054	-0694		-0854	1 X 14	-0094		-0734	-0894
		1 X 15	-0055	-0695		-0855	1 X 15	-0095		-0735	-0895
		1 X 16	-0056	-0696		-0856	1 X 16	-0096		-0736	-0896
		1 X 17	-0057	-0697		-0857	1 X 17	-0097		-0737	-0897
		1 X 18	-0058	-0698		-0858	1 X 18	-0098		-0738	-0898
		1 X 19	-0059	-0699		-0859	1 X 19	-0099		-0739	-0899
		1 X 20	-0060	-0700		-0860	1 X 20	-0100		-0740	-0900
		1 X 21	-0061	-0701		-0861	1 X 21	-0101		-0741	-0901
		1 X 22	-0062	-0702		-0862	1 X 22	-0102		-0742	-0902
		1 X 23	-0063	-0703		-0863	1 X 23	-0103		-0743	-0903
		1 X 24	-0064	-0704		-0864	1 X 24	-0104		-0744	-0904
		1 X 25	-0065	-0705		-0865	1 X 25	-0105		-0745	-0905
		1 X 26	-0066	-0706		-0866	1 X 26	-0106		-0746	-0906
		1 X 27	-0067	-0707		-0867	1 X 27	-0107		-0747	-0907
		1 X 28	-0068	-0708		-0868	1 X 28	-0108		-0748	-0908
		1 X 29	-0069	-0709		-0869	1 X 29	-0109		-0749	-0909
		1 X 30	-0070	-0710		-0870	1 X 30	-0110		-0750	-0910
		1 X 31	-0071	-0711		-0871	1 X 31	-0111		-0751	-0911
		1 X 32	-0072	-0712		-0872	1 X 32	-0112		-0752	-0912
		1 X 33	-0073	-0713		-0873	1 X 33	-0113		-0753	-0913
		1 X 34	-0074	-0714		-0874	1 X 34	-0114		-0754	-0914
		1 X 35	-0075	-0715		-0875	1 X 35	-0115		-0755	-0915
		1 X 36	-0076	-0716		-0876	1 X 36	-0116		-0756	-0916
		1 X 37	-0077	-0717		-0877	1 X 37	-0117		-0757	-0917
		1 X 38	-0078	-0718		-0878	1 X 38	-0118		-0758	-0918
		1 X 39	▼ -0079	▼ -0719		▼ -0879	1 X 39	▼ -0119		▼ -0759	▼ -0919
1 X 40	90120-0080	90120-0720	90120-0880	1 X 40	90120-0120	90120-0760	90120-0920				

DIM C (±0.20) ±.008 (5.75) .226

DIM D (±0.20) ±.030 ±.008 (2.90) .114

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**

<b>REV GD&amp;T FOR DIM B</b> EC NO: S2010-0493 DRWN:SKANG 2009/12/11 CHKD:ATSEE 2009/12/21 APPR:MLONG 2009/12/21	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION																					
	$\nabla_A = 0$ $\nabla_C = 0$ $\nabla_F = 0$	<table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± ---	± ---	1 PLACE	± ---	± ---	MM/IN	NTS	METRIC							
		mm	INCH																								
	4 PLACES	± ---	± ---																								
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DESCRIPTION	<table border="1"> <tr> <td>DRAWN BY</td> <td>DATE</td> <td>TITLE</td> </tr> <tr> <td>JDENNEHY</td> <td>2006/01/18</td> <td>C-GRID III SINGLE ROW STRAIGHT PIN HEADER</td> </tr> <tr> <td>CHECKED BY</td> <td>DATE</td> <td></td> </tr> <tr> <td>DWASZKIEWICZ</td> <td>2006/01/18</td> <td></td> </tr> <tr> <td>APPROVED BY</td> <td>DATE</td> <td></td> </tr> <tr> <td>MLONG</td> <td>2009/12/21</td> <td></td> </tr> </table>	DRAWN BY	DATE	TITLE	JDENNEHY	2006/01/18	C-GRID III SINGLE ROW STRAIGHT PIN HEADER	CHECKED BY	DATE		DWASZKIEWICZ	2006/01/18		APPROVED BY	DATE		MLONG	2009/12/21		<table border="1"> <tr> <td>MATERIAL NO.</td> <td>DOCUMENT NO.</td> </tr> <tr> <td>SEE TABLE</td> <td>SDA-90120</td> </tr> </table>	MATERIAL NO.	DOCUMENT NO.	SEE TABLE	SDA-90120	<table border="1"> <tr> <td>SHEET NO.</td> </tr> <tr> <td>3 OF 6</td> </tr> </table>	SHEET NO.	3 OF 6
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REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	<table border="1"> <tr> <td>SIZE</td> <td>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td> </tr> <tr> <td>A3</td> <td></td> </tr> </table>	SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	A3																						
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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**

REV GD&T FOR DIM B EC NO: S2010-0493 DRWN:SKANG 2009/12/11 CHKD:ATSEE 2009/12/21 APPR:MLONG 2009/12/21	QUALITY SYMBOLS ▽ <sub>A</sub> =0 ▽ <sub>B</sub> =0 ▽ <sub>C</sub> =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN	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	
N1	DESCRIPTION	4 PLACES	± ---	± ---	CHECKED BY DWASZKIEWICZ	DATE 2006/01/18	MOLEX INCORPORATED
		3 PLACES	± ---	± ---	APPROVED BY MLONG	DATE 2009/12/21	
		2 PLACES	± ---	± ---	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
		1 PLACE	± ---	± ---	SEE TABLE		SDA-90120
		ANGULAR ± ---°		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					



	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.
		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
		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
		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**

REV	DESCRIPTION
N1	REV GD&T FOR DIM B
	EC NO: S2010-0493
	DRWN:SKANG 2009/12/11
	CHKD:ATSEE 2009/12/21
	APPR:MLONG 2009/12/21

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)
▽ <sub>A</sub> =0	mm INCH
▽ <sub>B</sub> =0	4 PLACES ± --- ± ---
▽ <sub>C</sub> =0	3 PLACES ± --- ± ---
▽ <sub>D</sub> =0	2 PLACES ± --- ± ---
	1 PLACE ± --- ± ---
	ANGULAR ± ---°
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
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	MOLEX INCORPORATED		
APPROVED BY	DATE	DOCUMENT NO.		
MLONG	2009/12/21	SDA-90120		
MATERIAL NO.		SHEET NO.		
SEE TABLE		6 OF 6		

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	MOLEX INCORPORATED		
APPROVED BY		DATE	DOCUMENT NO.		
MLONG		2009/12/21	SDA-90120		
MATERIAL NO.		SHEET NO.			
SEE TABLE		6 OF 6			
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) ±.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**

PART NO'S ADDED  
EC NO: E2006-0667  
DRWN: DENNEHY 2006/01/23  
CHKD: DWASZKIEWICZ 2006/01/23  
APPR: DENNEHY 2006/02/07

QUALITY SYMBOLS  
▽=0  
▽=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 ONLY

DRAWN BY	DATE
JDENNEHY	2006/01/18
CHECKED BY	DATE
DWASZKIEWICZ	2006/01/18
APPROVED BY	DATE
JDENNEHY	2006/01/18
MATERIAL NO.	
SEE CHART	

SCALE ---  
DESIGN UNITS METRIC  
THIRD ANGLE PROJECTION

TITLE  
C-GRID III  
SINGLE ROW STRAIGHT  
PIN HEADER

MOLEX MOLEX INCORPORATED

DOCUMENT NO. SDA-90120  
SHEET NO. 2 OF 6

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