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Part Number:

0901200122

Status:

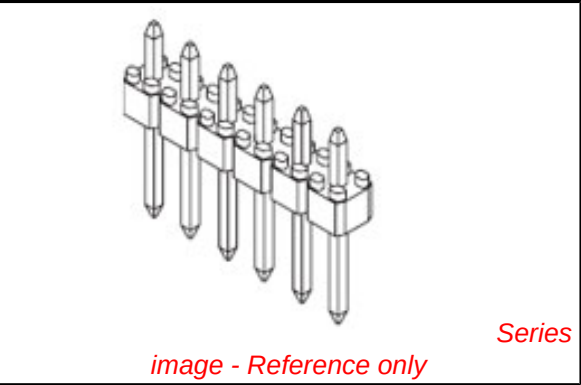
Active

Overview:

cgrid\_iii

Description:

2.54mm (.100") Pitch C-Grid III™ Header, Single Row, Vertical, 2 Circuits, Tin (Sn) Plating



Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

| General                                        |                 |
|------------------------------------------------|-----------------|
| Product Family                                 | PCB Headers     |
| Series                                         | 90120           |
| Application                                    | Wire-to-Board   |
| MolexKits                                      | Yes             |
| Overview                                       | cgrid_iii       |
| Product Name                                   | C-Grid III™     |
| Physical                                       |                 |
| Breakaway                                      | Yes             |
| Circuits (Loaded)                              | 2               |
| Circuits (maximum)                             | 2               |
| 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) | 10              |

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Halogen-Free

China RoHS



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

|                                         |                        |
|-----------------------------------------|------------------------|
| Lead-free Process Capability            | Wave Capable (TH only) |
| Max. Cycles at Max. Process Temperature | 1                      |
| Process Temperature max. C              | 260                    |

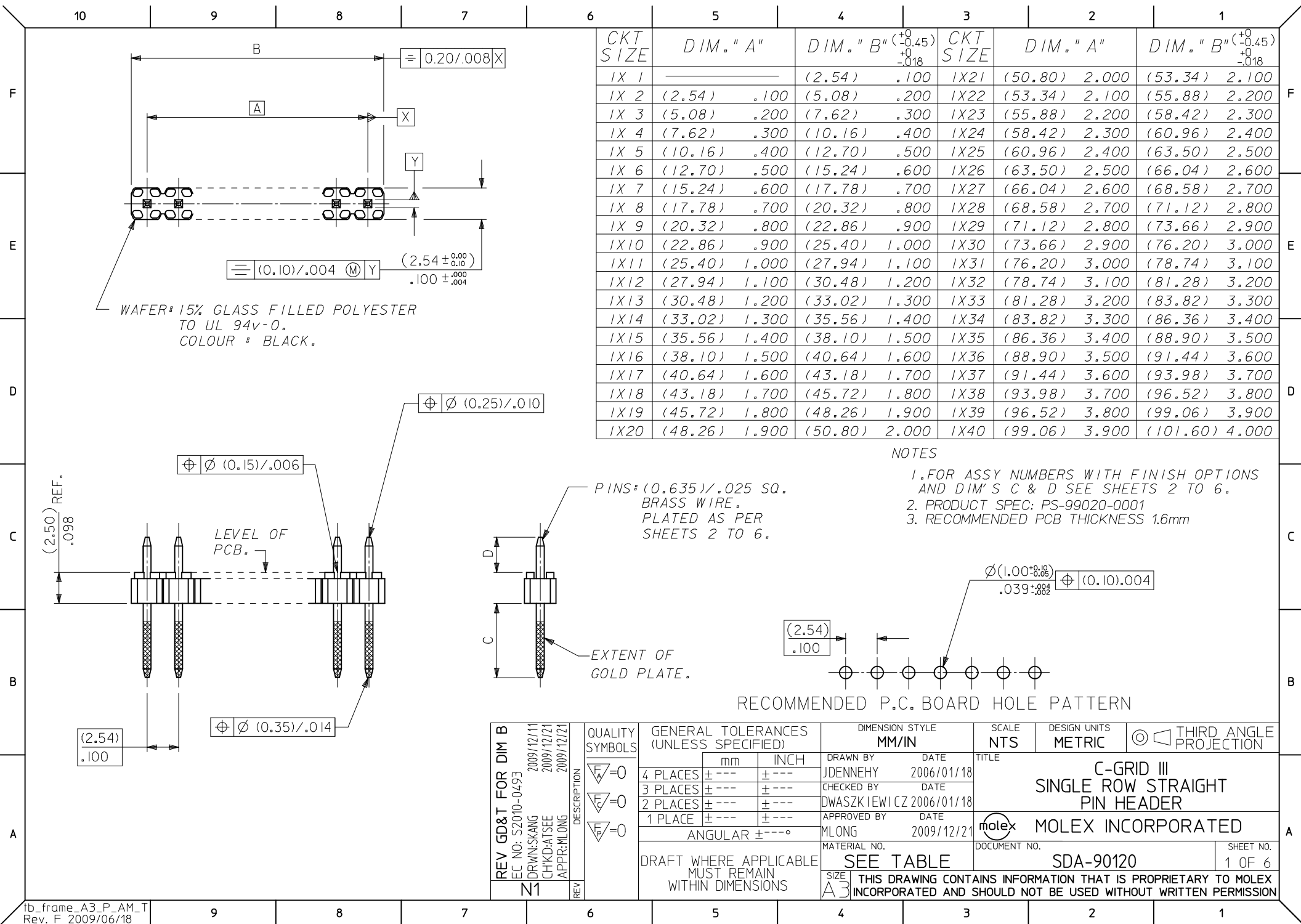
**Material Info**

**Reference - Drawing Numbers**

|               |           |
|---------------|-----------|
| Sales Drawing | SDA-90120 |
|---------------|-----------|

This document was generated on 06/08/2010

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|   |                                                                                                                                                                                     |                |                               |                |                               |                |                               |   |   |   |  |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------|----------------|-------------------------------|----------------|-------------------------------|---|---|---|--|
|   | 10                                                                                                                                                                                  | 9              | 8                             | 7              | 6                             | 5              | 4                             | 3 | 2 | 1 |  |
| F | CIRCUIT<br>SIZE                                                                                                                                                                     | PLATING TYPE A |                               | PLATING TYPE E |                               | PLATING TYPE F |                               |   |   |   |  |
|   |                                                                                                                                                                                     | PART NO.       | CUSTOMER SPECIFIC<br>PART NO. | PART NO.       | CUSTOMER SPECIFIC<br>PART NO. | PART NO.       | CUSTOMER SPECIFIC<br>PART NO. |   |   |   |  |
|   | I X 1                                                                                                                                                                               | 90120-0121     | 90120-9121                    | 90120-0761     | 90120-9761                    | 90120-0921     | 90120-9921                    |   |   |   |  |
|   | I X 2                                                                                                                                                                               | ↑ -0122        | ↑ -9122                       | ↑ -0762        | ↑ -9762                       | ↑ -0922        | ↑ -9922                       |   |   |   |  |
|   | I X 3                                                                                                                                                                               | -0123          | -9123                         | -0763          | -9763                         | -0923          | -9923                         |   |   |   |  |
|   | I X 4                                                                                                                                                                               | -0124          | -9124                         | -0764          | -9764                         | -0924          | -9924                         |   |   |   |  |
|   | I X 5                                                                                                                                                                               | -0125          | -9125                         | -0765          | -9765                         | -0925          | -9925                         |   |   |   |  |
|   | I X 6                                                                                                                                                                               | -0126          | -9126                         | -0766          | -9766                         | -0926          | -9926                         |   |   |   |  |
|   | I X 7                                                                                                                                                                               | -0127          | -9127                         | -0767          | -9767                         | -0927          | -9927                         |   |   |   |  |
|   | I X 8                                                                                                                                                                               | -0128          | -9128                         | -0768          | -9768                         | -0928          | -9928                         |   |   |   |  |
|   | I X 9                                                                                                                                                                               | -0129          | -9129                         | -0769          | -9769                         | -0929          | -9929                         |   |   |   |  |
| E | I X 10                                                                                                                                                                              | -0130          | -9130                         | -0770          | -9770                         | -0930          | -9930                         |   |   |   |  |
|   | I X 11                                                                                                                                                                              | -0131          | -9131                         | -0771          | -9771                         | -0931          | -9931                         |   |   |   |  |
|   | I X 12                                                                                                                                                                              | -0132          | -9132                         | -0772          | -9772                         | -0932          | -9932                         |   |   |   |  |
|   | I X 13                                                                                                                                                                              | -0133          | -9133                         | -0773          | -9773                         | -0933          | -9933                         |   |   |   |  |
|   | I X 14                                                                                                                                                                              | -0134          | -9134                         | -0774          | -9774                         | -0934          | -9934                         |   |   |   |  |
|   | I X 15                                                                                                                                                                              | -0135          | -9135                         | -0775          | -9775                         | -0935          | -9935                         |   |   |   |  |
|   | I X 16                                                                                                                                                                              | -0136          | -9136                         | -0776          | -9776                         | -0936          | -9936                         |   |   |   |  |
|   | I X 17                                                                                                                                                                              | -0137          | -9137                         | -0777          | -9777                         | -0937          | -9937                         |   |   |   |  |
|   | I X 18                                                                                                                                                                              | -0138          | -9138                         | -0778          | -9778                         | -0938          | -9938                         |   |   |   |  |
|   | I X 19                                                                                                                                                                              | -0139          | -9139                         | -0779          | -9779                         | -0939          | -9939                         |   |   |   |  |
| D | I X 20                                                                                                                                                                              | -0140          | -9140                         | -0780          | -9780                         | -0940          | -9940                         |   |   |   |  |
|   | I X 21                                                                                                                                                                              | -0141          | -9141                         | -0781          | -9781                         | -0941          | -9941                         |   |   |   |  |
|   | I X 22                                                                                                                                                                              | -0142          | -9142                         | -0782          | -9782                         | -0942          | -9942                         |   |   |   |  |
|   | I X 23                                                                                                                                                                              | -0143          | -9143                         | -0783          | -9783                         | -0943          | -9943                         |   |   |   |  |
|   | I X 24                                                                                                                                                                              | -0144          | -9144                         | -0784          | -9784                         | -0944          | -9944                         |   |   |   |  |
|   | I X 25                                                                                                                                                                              | -0145          | -9145                         | -0785          | -9785                         | -0945          | -9945                         |   |   |   |  |
|   | I X 26                                                                                                                                                                              | -0146          | -9146                         | -0786          | -9786                         | -0946          | -9946                         |   |   |   |  |
|   | I X 27                                                                                                                                                                              | -0147          | -9147                         | -0787          | -9787                         | -0947          | -9947                         |   |   |   |  |
|   | I X 28                                                                                                                                                                              | -0148          | -9148                         | -0788          | -9788                         | -0948          | -9948                         |   |   |   |  |
|   | I X 29                                                                                                                                                                              | -0149          | -9149                         | -0789          | -9789                         | -0949          | -9949                         |   |   |   |  |
| C | I X 30                                                                                                                                                                              | -0150          | -9150                         | -0790          | -9790                         | -0950          | -9950                         |   |   |   |  |
|   | I X 31                                                                                                                                                                              | -0151          | -9151                         | -0791          | -9791                         | -0951          | -9951                         |   |   |   |  |
|   | I X 32                                                                                                                                                                              | -0152          | -9152                         | -0792          | -9792                         | -0952          | -9952                         |   |   |   |  |
|   | I X 33                                                                                                                                                                              | -0153          | -9153                         | -0793          | -9793                         | -0953          | -9953                         |   |   |   |  |
|   | I X 34                                                                                                                                                                              | -0154          | -9154                         | -0794          | -9794                         | -0954          | -9954                         |   |   |   |  |
|   | I X 35                                                                                                                                                                              | -0155          | -9155                         | -0795          | -9795                         | -0955          | -9955                         |   |   |   |  |
|   | I X 36                                                                                                                                                                              | -0156          | -9156                         | -0796          | -9796                         | -0956          | -9956                         |   |   |   |  |
|   | I X 37                                                                                                                                                                              | -0157          | -9157                         | -0797          | -9797                         | -0957          | -9957                         |   |   |   |  |
|   | I X 38                                                                                                                                                                              | -0158          | -9158                         | -0798          | -9798                         | -0958          | -9958                         |   |   |   |  |
|   | I X 39                                                                                                                                                                              | -0159          | -9159                         | -0799          | -9799                         | -0959          | -9959                         |   |   |   |  |
| B | I X 40                                                                                                                                                                              | 90120-0160     | 90120-9160                    | 90120-0800     | 90120-9800                    | 90120-0960     | 90120-9960                    |   |   |   |  |
|   |                                                                                                                                                                                     |                |                               |                |                               |                |                               |   |   |   |  |
| A | NOTES:<br>FOR PLATING VARIATIONS SEE<br>ENG.STD. SDES-99000-0003.                                                                                                                   |                |                               |                |                               |                |                               |   |   |   |  |
|   | STANDARD PRODUCTS                                                                                                                                                                   |                |                               |                |                               |                |                               |   |   |   |  |
|   | REV GD&T FOR DIM B<br>EC NO: S2010-0493<br>DRWN:SKANG 2009/12/11<br>CHKD:ATSEE 2009/12/21<br>APPR:MLONG 2009/12/21                                                                  |                |                               |                |                               |                |                               |   |   |   |  |
|   | QUALITY SYMBOLS<br>F=0<br>F=0<br>F=0                                                                                                                                                |                |                               |                |                               |                |                               |   |   |   |  |
|   | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± --- ± ---<br>1 PLACE ± --- ± ---<br>ANGULAR ± ---°                   |                |                               |                |                               |                |                               |   |   |   |  |
|   | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                                                          |                |                               |                |                               |                |                               |   |   |   |  |
|   | DIMENSION STYLE<br>MM/IN<br>DRAWN BY DATE<br>JDENNEHY 2006/01/18<br>CHECKED BY DATE<br>DWASZKIEWICZ 2006/01/18<br>APPROVED BY DATE<br>MLONG 2009/12/21<br>MATERIAL NO.<br>SEE TABLE |                |                               |                |                               |                |                               |   |   |   |  |
|   | SCALE<br>NTS<br>DESIGN UNITS<br>METRIC<br>THIRD ANGLE PROJECTION                                                                                                                    |                |                               |                |                               |                |                               |   |   |   |  |
|   | TITLE<br>C-GRID III<br>SINGLE ROW STRAIGHT<br>PIN HEADER<br>MOLEX INCORPORATED<br>SDA-90120<br>SHEET NO.<br>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                                                                                                                             | <div>DIM C<br/>(±0.20)<br/>±.008<br/>(6.75)<br/>.266</div> <div>DIM D<br/>(±0.25)<br/>±.010<br/>(4.50)<br/>.177</div>    | CIRCUIT SIZE                         | PLATING TYPE A PART NO.                                                                                                                                                                                                         | PLATING TYPE E PART NO. | PLATING TYPE F PART NO.                                                                                                                                                             |   |              |                        |                                                                                                                                     |   | F |
| I X 1                                                                                                                         |                                                                                                                          | 90120-0161                           | 90120-0801                                                                                                                                                                                                                      | 90120-0961              |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     | E |   |
| I X 2                                                                                                                         |                                                                                                                          | ▲ -0162                              | ▲ -0802                                                                                                                                                                                                                         | ▲ -0962                 |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 3                                                                                                                         |                                                                                                                          | -0163                                | -0803                                                                                                                                                                                                                           | -0963                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 4                                                                                                                         |                                                                                                                          | -0164                                | -0804                                                                                                                                                                                                                           | -0964                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 5                                                                                                                         |                                                                                                                          | -0165                                | -0805                                                                                                                                                                                                                           | -0965                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 6                                                                                                                         |                                                                                                                          | -0166                                | -0806                                                                                                                                                                                                                           | -0966                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 7                                                                                                                         |                                                                                                                          | -0167                                | -0807                                                                                                                                                                                                                           | -0967                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 8                                                                                                                         |                                                                                                                          | -0168                                | -0808                                                                                                                                                                                                                           | -0968                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 9                                                                                                                         |                                                                                                                          | -0169                                | -0809                                                                                                                                                                                                                           | -0969                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 10                                                                                                                        |                                                                                                                          | -0170                                | -0810                                                                                                                                                                                                                           | -0970                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 11                                                                                                                        |                                                                                                                          | -0171                                | -0811                                                                                                                                                                                                                           | -0971                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 12                                                                                                                        |                                                                                                                          | -0172                                | -0812                                                                                                                                                                                                                           | -0972                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 13                                                                                                                        |                                                                                                                          | -0173                                | -0813                                                                                                                                                                                                                           | -0973                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 14                                                                                                                        |                                                                                                                          | -0174                                | -0814                                                                                                                                                                                                                           | -0974                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 15                                                                                                                        |                                                                                                                          | -0175                                | -0815                                                                                                                                                                                                                           | -0975                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 16                                                                                                                        |                                                                                                                          | -0176                                | -0816                                                                                                                                                                                                                           | -0976                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 17                                                                                                                        |                                                                                                                          | -0177                                | -0817                                                                                                                                                                                                                           | -0977                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 18                                                                                                                        |                                                                                                                          | -0178                                | -0818                                                                                                                                                                                                                           | -0978                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 19                                                                                                                        |                                                                                                                          | -0179                                | -0819                                                                                                                                                                                                                           | -0979                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 20                                                                                                                        |                                                                                                                          | -0180                                | -0820                                                                                                                                                                                                                           | -0980                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 21                                                                                                                        |                                                                                                                          | -0181                                | -0821                                                                                                                                                                                                                           | -0981                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 22                                                                                                                        |                                                                                                                          | -0182                                | -0822                                                                                                                                                                                                                           | -0982                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 23                                                                                                                        |                                                                                                                          | -0183                                | -0823                                                                                                                                                                                                                           | -0983                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 24                                                                                                                        |                                                                                                                          | -0184                                | -0824                                                                                                                                                                                                                           | -0984                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 25                                                                                                                        |                                                                                                                          | -0185                                | -0825                                                                                                                                                                                                                           | -0985                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 26                                                                                                                        |                                                                                                                          | -0186                                | -0826                                                                                                                                                                                                                           | -0986                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 27                                                                                                                        |                                                                                                                          | -0187                                | -0827                                                                                                                                                                                                                           | -0987                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 28                                                                                                                        |                                                                                                                          | -0188                                | -0828                                                                                                                                                                                                                           | -0988                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 29                                                                                                                        |                                                                                                                          | -0189                                | -0829                                                                                                                                                                                                                           | -0989                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 30                                                                                                                        |                                                                                                                          | -0190                                | -0830                                                                                                                                                                                                                           | -0990                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 31                                                                                                                        |                                                                                                                          | -0191                                | -0831                                                                                                                                                                                                                           | -0991                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 32                                                                                                                        |                                                                                                                          | -0192                                | -0832                                                                                                                                                                                                                           | -0992                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 33                                                                                                                        |                                                                                                                          | -0193                                | -0833                                                                                                                                                                                                                           | -0993                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 34                                                                                                                        |                                                                                                                          | -0194                                | -0834                                                                                                                                                                                                                           | -0994                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 35                                                                                                                        |                                                                                                                          | -0195                                | -0835                                                                                                                                                                                                                           | -0995                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 36                                                                                                                        |                                                                                                                          | -0196                                | -0836                                                                                                                                                                                                                           | -0996                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 37                                                                                                                        |                                                                                                                          | -0197                                | -0837                                                                                                                                                                                                                           | -0997                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 38                                                                                                                        |                                                                                                                          | -0198                                | -0838                                                                                                                                                                                                                           | -0998                   |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| I X 39                                                                                                                        |                                                                                                                          | ▼ -0199                              | ▼ -0839                                                                                                                                                                                                                         | ▼ -0999                 |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     | B |   |
| I X 40                                                                                                                        | 90120-0200                                                                                                               | 90120-0840                           | 90120-1000                                                                                                                                                                                                                      |                         |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| <div>NOTES:<br/>FOR PLATING VARIATIONS SEE<br/>ENG.STD. SDES-99000-0003.</div> <div>NON-STANDARD PRODUCTS</div>               |                                                                                                                          |                                      |                                                                                                                                                                                                                                 |                         |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| A                                                                                                                             | REV GD&T FOR DIM B<br>EC NO: SZ010-0493<br>DRWN:SKANG 2009/12/11<br>CHKD:ATSEE 2009/12/21<br>APPR:MLONG 2009/12/21<br>N1 | QUALITY SYMBOLS<br>F=0<br>F=0<br>F=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± --- ± ---<br>1 PLACE ± --- ± ---<br>ANGULAR ± ---°<br>DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                         | DIMENSION STYLE<br>MM/IN<br>DRAWN BY DATE<br>JDENNEHY 2006/01/18<br>CHECKED BY DATE<br>DWASZKIEWICZ 2006/01/18<br>APPROVED BY DATE<br>MLONG 2009/12/21<br>MATERIAL NO.<br>SEE TABLE |   | SCALE<br>NTS | DESIGN UNITS<br>METRIC | THIRD ANGLE PROJECTION<br>C-GRID III<br>SINGLE ROW STRAIGHT<br>PIN HEADER<br>MOLEX INCORPORATED<br>SDA-90120<br>SHEET NO.<br>4 OF 6 |   |   |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                                                                          |                                      |                                                                                                                                                                                                                                 |                         |                                                                                                                                                                                     |   |              |                        |                                                                                                                                     |   |   |
| tb_frame_A3_P_AM.T<br>Rev. F 2009/06/18                                                                                       | 9                                                                                                                        | 8                                    | 7                                                                                                                                                                                                                               | 6                       | 5                                                                                                                                                                                   | 4 | 3            | 2                      | 1                                                                                                                                   |   |   |

|   |                                                                            | 10              |                   | 9                 |                   | 8                 |                 | 7                 |                   | 6                 |                   | 5 |  | 4 |  | 3 |  | 2 |  | 1 |  |
|---|----------------------------------------------------------------------------|-----------------|-------------------|-------------------|-------------------|-------------------|-----------------|-------------------|-------------------|-------------------|-------------------|---|--|---|--|---|--|---|--|---|--|
| F |                                                                            | CIRCUIT<br>SIZE | PLATING<br>TYPE B | PLATING<br>TYPE C | PLATING<br>TYPE D | PLATING<br>TYPE G | CIRCUIT<br>SIZE | PLATING<br>TYPE G | PLATING<br>TYPE B | PLATING<br>TYPE C | PLATING<br>TYPE D |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            |                 | PART NO.          | PART NO.          | PART NO.          | PART NO.          |                 | PART NO.          | PART NO.          | PART NO.          | PART NO.          |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 1           | 90120-0281        | 90120-0441        | 90120-0601        | 90120-1081        | I X 1           | 90120-1001        | 90120-0201        | 90120-0361        | 90120-0521        |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 2           | ▲ -0282           | ▲ -0442           | ▲ -0602           | ▲ -1082           | I X 2           | ▲ -1002           | ▲ -0202           | ▲ -0362           | ▲ -0522           |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 3           | -0283             | -0443             | -0603             | -1083             | I X 3           | -1003             | -0203             | -0363             | -0523             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 4           | -0284             | -0444             | -0604             | -1084             | I X 4           | -1004             | -0204             | -0364             | -0524             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 5           | -0285             | -0445             | -0605             | -1085             | I X 5           | -1005             | -0205             | -0365             | -0525             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 6           | -0286             | -0446             | -0606             | -1086             | I X 6           | -1006             | -0206             | -0366             | -0526             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 7           | -0287             | -0447             | -0607             | -1087             | I X 7           | -1007             | -0207             | -0367             | -0527             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 8           | -0288             | -0448             | -0608             | -1088             | I X 8           | -1008             | -0208             | -0368             | -0528             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 9           | -0289             | -0449             | -0609             | -1089             | I X 9           | -1009             | -0209             | -0369             | -0529             |   |  |   |  |   |  |   |  |   |  |
| E | DIM<br>C <sup>(±0.20)<br/>±.008</sup><br>(6.75)<br>.266                    | I X 10          | -0290             | -0450             | -0610             | -1090             | I X 10          | -1010             | -0210             | -0370             | -0530             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 11          | -0291             | -0451             | -0611             | -1091             | I X 11          | -1011             | -0211             | -0371             | -0531             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 12          | -0292             | -0452             | -0612             | -1092             | I X 12          | -1012             | -0212             | -0372             | -0532             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 13          | -0293             | -0453             | -0613             | -1093             | I X 13          | -1013             | -0213             | -0373             | -0533             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 14          | -0294             | -0454             | -0614             | -1094             | I X 14          | -1014             | -0214             | -0374             | -0534             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 15          | -0295             | -0455             | -0615             | -1095             | I X 15          | -1015             | -0215             | -0375             | -0535             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 16          | -0296             | -0456             | -0616             | -1096             | I X 16          | -1016             | -0216             | -0376             | -0536             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 17          | -0297             | -0457             | -0617             | -1097             | I X 17          | -1017             | -0217             | -0377             | -0537             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 18          | -0298             | -0458             | -0618             | -1098             | I X 18          | -1018             | -0218             | -0378             | -0538             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 19          | -0299             | -0459             | -0619             | -1099             | I X 19          | -1019             | -0219             | -0379             | -0539             |   |  |   |  |   |  |   |  |   |  |
| D | DIM<br>D <sup>(±0.20<br/>0.30)<br/>±.008<br/>±.012</sup><br>(2.90)<br>.114 | I X 20          | -0300             | -0460             | -0620             | -1100             | I X 20          | -1020             | -0220             | -0380             | -0540             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 21          | -0301             | -0461             | -0621             | -1101             | I X 21          | -1021             | -0221             | -0381             | -0541             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 22          | -0302             | -0462             | -0622             | -1102             | I X 22          | -1022             | -0222             | -0382             | -0542             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 23          | -0303             | -0463             | -0623             | -1103             | I X 23          | -1023             | -0223             | -0383             | -0543             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 24          | -0304             | -0464             | -0624             | -1104             | I X 24          | -1024             | -0224             | -0384             | -0544             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 25          | -0305             | -0465             | -0625             | -1105             | I X 25          | -1025             | -0225             | -0385             | -0545             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 26          | -0306             | -0466             | -0626             | -1106             | I X 26          | -1026             | -0226             | -0386             | -0546             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 27          | -0307             | -0467             | -0627             | -1107             | I X 27          | -1027             | -0227             | -0387             | -0547             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 28          | -0308             | -0468             | -0628             | -1108             | I X 28          | -1028             | -0228             | -0388             | -0548             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 29          | -0309             | -0469             | -0629             | -1109             | I X 29          | -1029             | -0229             | -0389             | -0549             |   |  |   |  |   |  |   |  |   |  |
| C |                                                                            | I X 30          | -0310             | -0470             | -0630             | -1110             | I X 30          | -1030             | -0230             | -0390             | -0550             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 31          | -0311             | -0471             | -0631             | -1111             | I X 31          | -1031             | -0231             | -0391             | -0551             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 32          | -0312             | -0472             | -0632             | -1112             | I X 32          | -1032             | -0232             | -0392             | -0552             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 33          | -0313             | -0473             | -0633             | -1113             | I X 33          | -1033             | -0233             | -0393             | -0553             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 34          | -0314             | -0474             | -0634             | -1114             | I X 34          | -1034             | -0234             | -0394             | -0554             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 35          | -0315             | -0475             | -0635             | -1115             | I X 35          | -1035             | -0235             | -0395             | -0555             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 36          | -0316             | -0476             | -0636             | -1116             | I X 36          | -1036             | -0236             | -0396             | -0556             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 37          | -0317             | -0477             | -0637             | -1117             | I X 37          | -1037             | -0237             | -0397             | -0557             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 38          | -0318             | -0478             | -0638             | -1118             | I X 38          | -1038             | -0238             | -0398             | -0558             |   |  |   |  |   |  |   |  |   |  |
|   |                                                                            | I X 39          | ▼ -0319           | ▼ -0479           | ▼ -0639           | ▼ -1119           | I X 39          | ▼ -1039           | ▼ -0239           | ▼ -0399           | ▼ -0559           |   |  |   |  |   |  |   |  |   |  |
| B |                                                                            | I X 40          | 90120-0320        | 90120-0480        | 90120-0640        | 90120-1120        | I X 40          | 90120-1040        | 90120-0240        | 90120-0400        | 90120-0560        |   |  |   |  |   |  |   |  |   |  |

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

NON-STANDARD PRODUCTS  
NOT FOR GENERAL RELEASE

|                    |                   |            |             |                                                                                       |                                                            |                  |                                                                                                                               |                                                 |              |                                                                                                              |        |
|--------------------|-------------------|------------|-------------|---------------------------------------------------------------------------------------|------------------------------------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------|--------|
| REV GD&T FOR DIM B | EC NO: S2010-0493 | 2009/12/11 | DESCRIPTION | QUALITY SYMBOLS                                                                       | GENERAL TOLERANCES (UNLESS SPECIFIED)                      | DIMENSION STYLE  |                                                                                                                               | SCALE                                           | DESIGN UNITS |  THIRD ANGLE PROJECTION |        |
|                    | DRWN:SKANG        | 2009/12/11 |             |                                                                                       |                                                            | MM/IN            |                                                                                                                               | NTS                                             | METRIC       |                                                                                                              |        |
|                    | CHKD:ATSEE        | 2009/12/21 |             |                                                                                       |                                                            | DRAWN BY DATE    |                                                                                                                               | TITLE                                           |              |                                                                                                              |        |
|                    | APPR:MLONG        | 2009/12/21 |             |                                                                                       |                                                            | CHECKED BY DATE  |                                                                                                                               | C-GRID III<br>SINGLE ROW STRAIGHT<br>PIN HEADER |              |                                                                                                              |        |
|                    |                   |            |             |                                                                                       |                                                            | APPROVED BY DATE |                                                                                                                               | MOLEX INCORPORATED                              |              |                                                                                                              |        |
|                    |                   |            |             |  | ANGULAR ±---°                                              |                  | MLONG                                                                                                                         | 2009/12/21                                      | DOCUMENT NO. | SHEET NO.                                                                                                    |        |
|                    |                   |            |             |                                                                                       | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS | MATERIAL NO.     |                                                                                                                               | SEE TABLE                                       |              | SDA-90120                                                                                                    | 5 OF 6 |
|                    |                   |            |             |                                                                                       |                                                            | SIZE<br>A3       | 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<br>SIZE                                                   | PLATING TYPE A |                                                                                                                                 | PLATING TYPE E |                                  | PLATING TYPE F                                             |                               |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  | F                   |  |
|                                         |                                                                   | PART NO.       | CUSTOMER SPECIFIC<br>PART NO.                                                                                                   | PART NO.       | CUSTOMER SPECIFIC<br>PART NO.    | PART NO.                                                   | CUSTOMER SPECIFIC<br>PART NO. |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 1                                                             | 90120-0121     | 90120-9121                                                                                                                      | 90120-0761     | 90120-9761                       | 90120-0921                                                 | 90120-9921                    |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 2                                                             | ▲ -0122        | ▲ -9122                                                                                                                         | ▲ -0762        | ▲ -9762                          | ▲ -0922                                                    | ▲ -9922                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 3                                                             | ▲ -0123        | ▲ -9123                                                                                                                         | ▲ -0763        | ▲ -9763                          | ▲ -0923                                                    | ▲ -9923                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 4                                                             | ▲ -0124        | ▲ -9124                                                                                                                         | ▲ -0764        | ▲ -9764                          | ▲ -0924                                                    | ▲ -9924                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 5                                                             | ▲ -0125        | ▲ -9125                                                                                                                         | ▲ -0765        | ▲ -9765                          | ▲ -0925                                                    | ▲ -9925                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 6                                                             | ▲ -0126        | ▲ -9126                                                                                                                         | ▲ -0766        | ▲ -9766                          | ▲ -0926                                                    | ▲ -9926                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 7                                                             | ▲ -0127        | ▲ -9127                                                                                                                         | ▲ -0767        | ▲ -9767                          | ▲ -0927                                                    | ▲ -9927                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 8                                                             | ▲ -0128        | ▲ -9128                                                                                                                         | ▲ -0768        | ▲ -9768                          | ▲ -0928                                                    | ▲ -9928                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 9                                                             | ▲ -0129        | ▲ -9129                                                                                                                         | ▲ -0769        | ▲ -9769                          | ▲ -0929                                                    | ▲ -9929                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
| E                                       | I X 10                                                            | ▲ -0130        | ▲ -9130                                                                                                                         | ▲ -0770        | ▲ -9770                          | ▲ -0930                                                    | ▲ -9930                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  | E                   |  |
|                                         | I X 11                                                            | ▲ -0131        | ▲ -9131                                                                                                                         | ▲ -0771        | ▲ -9771                          | ▲ -0931                                                    | ▲ -9931                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 12                                                            | ▲ -0132        | ▲ -9132                                                                                                                         | ▲ -0772        | ▲ -9772                          | ▲ -0932                                                    | ▲ -9932                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 13                                                            | ▲ -0133        | ▲ -9133                                                                                                                         | ▲ -0773        | ▲ -9773                          | ▲ -0933                                                    | ▲ -9933                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 14                                                            | ▲ -0134        | ▲ -9134                                                                                                                         | ▲ -0774        | ▲ -9774                          | ▲ -0934                                                    | ▲ -9934                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 15                                                            | ▲ -0135        | ▲ -9135                                                                                                                         | ▲ -0775        | ▲ -9775                          | ▲ -0935                                                    | ▲ -9935                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 16                                                            | ▲ -0136        | ▲ -9136                                                                                                                         | ▲ -0776        | ▲ -9776                          | ▲ -0936                                                    | ▲ -9936                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 17                                                            | ▲ -0137        | ▲ -9137                                                                                                                         | ▲ -0777        | ▲ -9777                          | ▲ -0937                                                    | ▲ -9937                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 18                                                            | ▲ -0138        | ▲ -9138                                                                                                                         | ▲ -0778        | ▲ -9778                          | ▲ -0938                                                    | ▲ -9938                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 19                                                            | ▲ -0139        | ▲ -9139                                                                                                                         | ▲ -0779        | ▲ -9779                          | ▲ -0939                                                    | ▲ -9939                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
| D                                       | I X 20                                                            | ▲ -0140        | ▲ -9140                                                                                                                         | ▲ -0780        | ▲ -9780                          | ▲ -0940                                                    | ▲ -9940                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  | D                   |  |
|                                         | I X 21                                                            | ▲ -0141        | ▲ -9141                                                                                                                         | ▲ -0781        | ▲ -9781                          | ▲ -0941                                                    | ▲ -9941                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 22                                                            | ▲ -0142        | ▲ -9142                                                                                                                         | ▲ -0782        | ▲ -9782                          | ▲ -0942                                                    | ▲ -9942                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 23                                                            | ▲ -0143        | ▲ -9143                                                                                                                         | ▲ -0783        | ▲ -9783                          | ▲ -0943                                                    | ▲ -9943                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 24                                                            | ▲ -0144        | ▲ -9144                                                                                                                         | ▲ -0784        | ▲ -9784                          | ▲ -0944                                                    | ▲ -9944                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 25                                                            | ▲ -0145        | ▲ -9145                                                                                                                         | ▲ -0785        | ▲ -9785                          | ▲ -0945                                                    | ▲ -9945                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 26                                                            | ▲ -0146        | ▲ -9146                                                                                                                         | ▲ -0786        | ▲ -9786                          | ▲ -0946                                                    | ▲ -9946                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 27                                                            | ▲ -0147        | ▲ -9147                                                                                                                         | ▲ -0787        | ▲ -9787                          | ▲ -0947                                                    | ▲ -9947                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 28                                                            | ▲ -0148        | ▲ -9148                                                                                                                         | ▲ -0788        | ▲ -9788                          | ▲ -0948                                                    | ▲ -9948                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 29                                                            | ▲ -0149        | ▲ -9149                                                                                                                         | ▲ -0789        | ▲ -9789                          | ▲ -0949                                                    | ▲ -9949                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
| C                                       | I X 30                                                            | ▲ -0150        | ▲ -9150                                                                                                                         | ▲ -0790        | ▲ -9790                          | ▲ -0950                                                    | ▲ -9950                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  | C                   |  |
|                                         | I X 31                                                            | ▲ -0151        | ▲ -9151                                                                                                                         | ▲ -0791        | ▲ -9791                          | ▲ -0951                                                    | ▲ -9951                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 32                                                            | ▲ -0152        | ▲ -9152                                                                                                                         | ▲ -0792        | ▲ -9792                          | ▲ -0952                                                    | ▲ -9952                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 33                                                            | ▲ -0153        | ▲ -9153                                                                                                                         | ▲ -0793        | ▲ -9793                          | ▲ -0953                                                    | ▲ -9953                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 34                                                            | ▲ -0154        | ▲ -9154                                                                                                                         | ▲ -0794        | ▲ -9794                          | ▲ -0954                                                    | ▲ -9954                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 35                                                            | ▲ -0155        | ▲ -9155                                                                                                                         | ▲ -0795        | ▲ -9795                          | ▲ -0955                                                    | ▲ -9955                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 36                                                            | ▲ -0156        | ▲ -9156                                                                                                                         | ▲ -0796        | ▲ -9796                          | ▲ -0956                                                    | ▲ -9956                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 37                                                            | ▲ -0157        | ▲ -9157                                                                                                                         | ▲ -0797        | ▲ -9797                          | ▲ -0957                                                    | ▲ -9957                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
|                                         | I X 38                                                            | ▲ -0158        | ▲ -9158                                                                                                                         | ▲ -0798        | ▲ -9798                          | ▲ -0958                                                    | ▲ -9958                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
| B                                       | I X 39                                                            | ▲ -0159        | ▲ -9159                                                                                                                         | ▲ -0799        | ▲ -9799                          | ▲ -0959                                                    | ▲ -9959                       |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  | B                   |  |
|                                         | I X 40                                                            | 90120-0160     | 90120-9160                                                                                                                      | 90120-0800     | 90120-9800                       | 90120-0960                                                 | 90120-9960                    |                            |  |              |  |                           |  |                           |  |                                                 |  |                    |  |                     |  |
| A                                       | NOTES:<br>FOR PLATING VARIATIONS SEE<br>ENG.STD. SDES-99000-0003. |                | PART NO'S ADDED<br>EC NO: E2006-0667<br>DRWN: JDENNEHY 2006/01/23<br>CHKD: DWASZKIEWICZ 2006/01/23<br>APPR: JDENNEHY 2006/02/07 |                | QUALITY<br>SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |                               | DIMENSION STYLE<br>MM ONLY |  | SCALE<br>--- |  | DESIGN UNITS<br>METRIC    |  | THIRD ANGLE<br>PROJECTION |  | C-GRID III<br>SINGLE ROW STRAIGHT<br>PIN HEADER |  | MOLEX INCORPORATED |  | SHEET NO.<br>2 OF 6 |  |
|                                         | STANDARD PRODUCTS                                                 |                | K                                                                                                                               |                | REV                              | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                               | SEE CHART                  |  | MATERIAL NO. |  | DOCUMENT NO.<br>SDA-90120 |  |                           |  |                                                 |  |                    |  |                     |  |
| ib_frame_A3_P_ME_T<br>Rev. D 2004/04/02 |                                                                   | 9              |                                                                                                                                 | 8              |                                  | 7                                                          |                               | 6                          |  | 5            |  | 4                         |  | 3                         |  | 2                                               |  | 1                  |  |                     |  |