



SPECIFICATIONS:

- 1. MATERIAL:
  - (1). SCREW: STEEL.
  - (2). BODY: NYLON 66 (PA 66).
  - (3). TERMINAL: PHOSPHOR BRONZE (C)
  - (4). CAGE (\*): BRASS
  - (5). COVER: NYLON 66 (PA 66).
- (C) 2. PRODUCT SPECIFICATION: PS-39500-001.
- 3. WIRE RANGE: 30 - 16AWG.
- 4. TORQUE: 2 in-lbs.
- 5. WIRE STRIP LENGTH: 6.50/256.
- 6. NUMBER OF CIRCUIT POSITIONS AVAILABLE = 2 THROUGH 20.
- (C) 7. ASSEMBLY IS ROHS COMPLIANT BY EXEMPTION. COMPONENTS MARKED WITH AN ASTERISK (\*) ARE ROHS COMPLIANT BY EXEMPTION, ALL OTHERS ARE ROHS COMPLIANT.

| FIX TYPO-TERM MATERIAL<br>EC NO: WNA2010-0708<br>DRW:NYLON 2010/06/29<br>CHKD:DTITUS 2006/07/06<br>APPR:DTITUS 2010/07/09     | DESCRIPTION<br>REV  | QUALITY SYMBOLS<br>▽=0<br>▽7=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± .005</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .01</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.3</td> <td>± ---</td> </tr> </tbody> </table> ANGULAR ± 2 ° |        | mm | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± .005 | 2 PLACES | ± 0.13 | ± .01 | 1 PLACE | ± 0.3 | ± --- | DIMENSION STYLE<br>MM/IN | SCALE<br>4:1 | DESIGN UNITS<br>INCH | THIRD ANGLE PROJECTION |
|---|---|--------------------------------|--|--------|----|------|----------|-------|-------|----------|-------|--------|----------|--------|-------|---------|-------|-------|--------------------------|--------------|----------------------|------------------------|
|   |   |                                | mm   | INCH   |    |      |          |       |       |          |       |        |          |        |       |         |       |       |                          |              |                      |                        |
|   |   | 4 PLACES                       | ± ---  | ± ---  |    |      |          |       |       |          |       |        |          |        |       |         |       |       |                          |              |                      |                        |
|   |   | 3 PLACES                       | ± ---  | ± .005 |    |      |          |       |       |          |       |        |          |        |       |         |       |       |                          |              |                      |                        |
| 2 PLACES  | ± 0.13  | ± .01                          |  |        |    |      |          |       |       |          |       |        |          |        |       |         |       |       |                          |              |                      |                        |
| 1 PLACE   | ± 0.3   | ± ---                          |  |        |    |      |          |       |       |          |       |        |          |        |       |         |       |       |                          |              |                      |                        |
| DRAWN BY DATE<br>L. ROTHBAUS 2005/12/06   | TITLE<br>3.81MM, EURO TERM BLOCK<br>VERTICAL, PLUG,<br>FRONT WIRE ENTRY |                                |  |        |    |      |          |       |       |          |       |        |          |        |       |         |       |       |                          |              |                      |                        |
| CHECKED BY DATE<br>C. YORK 2006/01/06   | MOLEX INCORPORATED  |                                |  |        |    |      |          |       |       |          |       |        |          |        |       |         |       |       |                          |              |                      |                        |
| APPROVED BY DATE<br>J. PAWLICKI 2006/01/10  | MATERIAL NO.<br>SEE SHT. 2  | DOCUMENT NO.<br>SD-39513-001   | SHEET NO.<br>1 OF 2  |        |    |      |          |       |       |          |       |        |          |        |       |         |       |       |                          |              |                      |                        |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |   |                                |  |        |    |      |          |       |       |          |       |        |          |        |       |         |       |       |                          |              |                      |                        |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   |                                |  |        |    |      |          |       |       |          |       |        |          |        |       |         |       |       |                          |              |                      |                        |

| Circuit size | Material Numbers |           |           |                  |           |           |                  |           |           |                  |           |           | Dimensional Information |       |       |       |
|--------------|------------------|-----------|-----------|------------------|-----------|-----------|------------------|-----------|-----------|------------------|-----------|-----------|-------------------------|-------|-------|-------|
|              | Black            |           |           |                  |           |           | Green            |           |           |                  |           |           |                         |       |       |       |
|              | 100% Tin         |           |           | 30 u" Gold       |           |           | 100% Tin         |           |           | 30 u" Gold       |           |           | Dim. A                  |       | Dim B |       |
|              | Printing Options |           |           | Printing Options |           |           | Printing Options |           |           | Printing Options |           |           |                         |       |       |       |
| None         | 10AV             | 11AV      | None      | 10AV             | 11AV      | None      | 10AV             | 11AV      | None      | 10AV             | 11AV      | mm        | inch                    | mm    | inch  |       |
| 2            | 395133002        | 395133302 | 395133402 | 395133502        | 395133802 | 395133902 | 395138002        | 395138302 | 395138402 | 395138502        | 395138802 | 395138902 | 8.41                    | 0.331 | 3.81  | 0.150 |
| 3            | 395133003        | 395133303 | 395133403 | 395133503        | 395133803 | 395133903 | 395138003        | 395138303 | 395138403 | 395138503        | 395138803 | 395138903 | 12.22                   | 0.481 | 7.62  | 0.300 |
| 4            | 395133004        | 395133304 | 395133404 | 395133504        | 395133804 | 395133904 | 395138004        | 395138304 | 395138404 | 395138504        | 395138804 | 395138904 | 16.03                   | 0.631 | 11.43 | 0.450 |
| 5            | 395133005        | 395133305 | 395133405 | 395133505        | 395133805 | 395133905 | 395138005        | 395138305 | 395138405 | 395138505        | 395138805 | 395138905 | 19.84                   | 0.781 | 15.24 | 0.600 |
| 6            | 395133006        | 395133306 | 395133406 | 395133506        | 395133806 | 395133906 | 395138006        | 395138306 | 395138406 | 395138506        | 395138806 | 395138906 | 23.65                   | 0.931 | 19.05 | 0.750 |
| 7            | 395133007        | 395133307 | 395133407 | 395133507        | 395133807 | 395133907 | 395138007        | 395138307 | 395138407 | 395138507        | 395138807 | 395138907 | 27.46                   | 1.081 | 22.86 | 0.900 |
| 8            | 395133008        | 395133308 | 395133408 | 395133508        | 395133808 | 395133908 | 395138008        | 395138308 | 395138408 | 395138508        | 395138808 | 395138908 | 31.27                   | 1.231 | 26.67 | 1.050 |
| 9            | 395133009        | 395133309 | 395133409 | 395133509        | 395133809 | 395133909 | 395138009        | 395138309 | 395138409 | 395138509        | 395138809 | 395138909 | 35.08                   | 1.381 | 30.48 | 1.200 |
| 10           | 395133010        | 395133310 | 395133410 | 395133510        | 395133810 | 395133910 | 395138010        | 395138310 | 395138410 | 395138510        | 395138810 | 395138910 | 38.89                   | 1.531 | 34.29 | 1.350 |
| 11           | 395133011        | 395133311 | 395133411 | 395133511        | 395133811 | 395133911 | 395138011        | 395138311 | 395138411 | 395138511        | 395138811 | 395138911 | 42.70                   | 1.681 | 38.10 | 1.500 |
| 12           | 395133012        | 395133312 | 395133412 | 395133512        | 395133812 | 395133912 | 395138012        | 395138312 | 395138412 | 395138512        | 395138812 | 395138912 | 46.51                   | 1.831 | 41.91 | 1.650 |
| 13           | 395133013        | 395133313 | 395133413 | 395133513        | 395133813 | 395133913 | 395138013        | 395138313 | 395138413 | 395138513        | 395138813 | 395138913 | 50.32                   | 1.981 | 45.72 | 1.800 |
| 14           | 395133014        | 395133314 | 395133414 | 395133514        | 395133814 | 395133914 | 395138014        | 395138314 | 395138414 | 395138514        | 395138814 | 395138914 | 54.13                   | 2.131 | 49.53 | 1.950 |
| 15           | 395133015        | 395133315 | 395133415 | 395133515        | 395133815 | 395133915 | 395138015        | 395138315 | 395138415 | 395138515        | 395138815 | 395138915 | 57.94                   | 2.281 | 53.34 | 2.100 |
| 16           | 395133016        | 395133316 | 395133416 | 395133516        | 395133816 | 395133916 | 395138016        | 395138316 | 395138416 | 395138516        | 395138816 | 395138916 | 61.75                   | 2.431 | 57.15 | 2.250 |
| 17           | 395133017        | 395133317 | 395133417 | 395133517        | 395133817 | 395133917 | 395138017        | 395138317 | 395138417 | 395138517        | 395138817 | 395138917 | 65.56                   | 2.581 | 60.96 | 2.400 |
| 18           | 395133018        | 395133318 | 395133418 | 395133518        | 395133818 | 395133918 | 395138018        | 395138318 | 395138418 | 395138518        | 395138818 | 395138918 | 69.37                   | 2.731 | 64.77 | 2.550 |
| 19           | 395133019        | 395133319 | 395133419 | 395133519        | 395133819 | 395133919 | 395138019        | 395138319 | 395138419 | 395138519        | 395138819 | 395138919 | 73.18                   | 2.881 | 68.58 | 2.700 |
| 20           | 395133020        | 395133320 | 395133420 | 395133520        | 395133820 | 395133920 | 395138020        | 395138320 | 395138420 | 395138520        | 395138820 | 395138920 | 76.99                   | 3.031 | 72.39 | 2.850 |

| SEE SHEET 1<br>EC NO: WNA2010-0708<br>DRW: NCLYORK 2010/06/29<br>CHKD: DTITUS 2006/07/06<br>APPR: DTITUS 2010/07/09           | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><table border="1"> <tr><th>mm</th><th>INCH</th></tr> <tr><td>4 PLACES ± ---</td><td>± ---</td></tr> <tr><td>3 PLACES ± ---</td><td>± .005</td></tr> <tr><td>2 PLACES ± 0.13</td><td>± .01</td></tr> <tr><td>1 PLACE ± 0.3</td><td>± ---</td></tr> </table> | mm                           | INCH                | 4 PLACES ± --- | ± --- | 3 PLACES ± --- | ± .005 | 2 PLACES ± 0.13 | ± .01 | 1 PLACE ± 0.3 | ± --- | DIMENSION STYLE<br>MM/IN | SCALE<br>4:1 | DESIGN UNITS<br>INCH | THIRD ANGLE PROJECTION |
|---|-------------------------------|---|------------------------------|---------------------|----------------|-------|----------------|--------|-----------------|-------|---------------|-------|--------------------------|--------------|----------------------|------------------------|
|   | mm                            | INCH  |                              |                     |                |       |                |        |                 |       |               |       |                          |              |                      |                        |
|   | 4 PLACES ± ---                | ± ---   |                              |                     |                |       |                |        |                 |       |               |       |                          |              |                      |                        |
|   | 3 PLACES ± ---                | ± .005  |                              |                     |                |       |                |        |                 |       |               |       |                          |              |                      |                        |
| 2 PLACES ± 0.13   | ± .01                         |   |                              |                     |                |       |                |        |                 |       |               |       |                          |              |                      |                        |
| 1 PLACE ± 0.3   | ± ---                         |   |                              |                     |                |       |                |        |                 |       |               |       |                          |              |                      |                        |
| DRAWN BY<br>LROTHAUS  | DATE<br>2005/12/06            | TITLE<br>3.81MM, EURO TERM BLOCK<br>VERTICAL, PLUG,<br>FRONT WIRE ENTRY   |                              |                     |                |       |                |        |                 |       |               |       |                          |              |                      |                        |
| CHECKED BY<br>C. YORK   | DATE<br>2006/01/06            | MOLEX INCORPORATED  |                              |                     |                |       |                |        |                 |       |               |       |                          |              |                      |                        |
| APPROVED BY<br>J. PAWLICKI  | DATE<br>2006/01/10            | MATERIAL NO.<br>SEE CHART   | DOCUMENT NO.<br>SD-39513-001 | SHEET NO.<br>2 OF 2 |                |       |                |        |                 |       |               |       |                          |              |                      |                        |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |                               |   |                              |                     |                |       |                |        |                 |       |               |       |                          |              |                      |                        |
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