

## Excellent Integrated System Limited

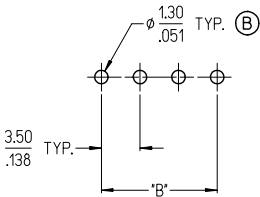
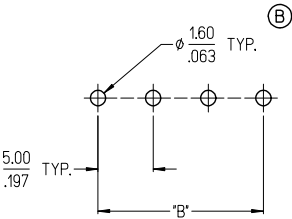
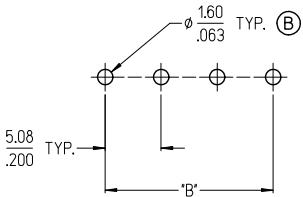
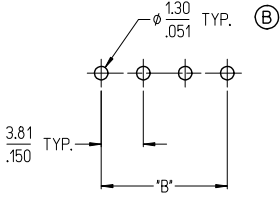
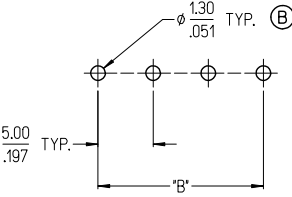
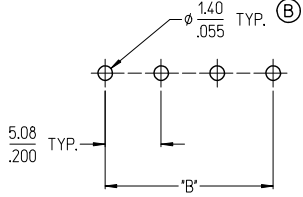
Stocking Distributor

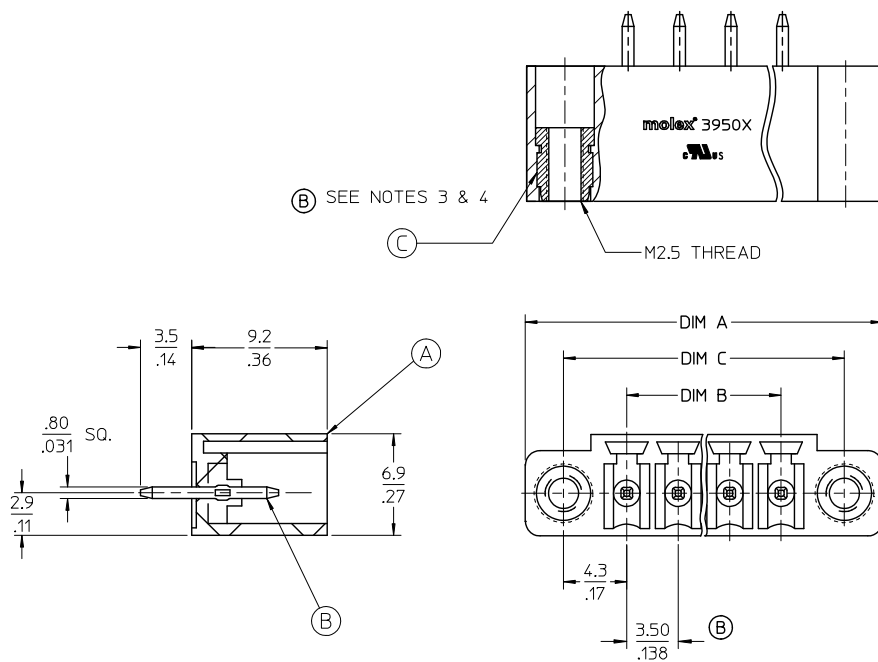
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)  
[0395056515](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

|              |                                                                                                                                                                          |         |   |                                                                                                                                            |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                     |    |      |          |        |         |          |        |         |          |        |       |         |       |       |              |  |  |                                                                                                                                                                                                  |                                                                                                                                                                                                 |                                                                                                                               |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----|------|----------|--------|---------|----------|--------|---------|----------|--------|-------|---------|-------|-------|--------------|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
|              | 10                                                                                                                                                                       | 9       | 8 | 7                                                                                                                                          | 6                             | 5                                                                                                                                                                                                                                                                                                                                                                                                                               | 4                                                                                   | 3  | 2    | 39501    |        |         |          |        |         |          |        |       |         |       |       |              |  |  |                                                                                                                                                                                                  |                                                                                                                                                                                                 |                                                                                                                               |
| F            | 3950X SERIES<br>3.50mm HEADERS                                                                                                                                           |         |   | 3952X & 3954X SERIES<br>5.00mm HEADERS<br>5.00mm FIXED                                                                                     |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3953X SERIES<br>5.08mm HEADERS                                                      |    |      | F        |        |         |          |        |         |          |        |       |         |       |       |              |  |  |                                                                                                                                                                                                  |                                                                                                                                                                                                 |                                                                                                                               |
| E            |                                                                                         |         |   |                                                           |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |    |      | E        |        |         |          |        |         |          |        |       |         |       |       |              |  |  |                                                                                                                                                                                                  |                                                                                                                                                                                                 |                                                                                                                               |
| D            | 3951X SERIES<br>3.81mm HEADERS                                                                                                                                           |         |   | 3954X SERIES<br>5.00mm FIXED                                                                                                               |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3954X SERIES<br>5.08mm FIXED                                                        |    |      | D        |        |         |          |        |         |          |        |       |         |       |       |              |  |  |                                                                                                                                                                                                  |                                                                                                                                                                                                 |                                                                                                                               |
| C            |                                                                                         |         |   |                                                           |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |    |      | C        |        |         |          |        |         |          |        |       |         |       |       |              |  |  |                                                                                                                                                                                                  |                                                                                                                                                                                                 |                                                                                                                               |
| B            |                                                                                                                                                                          |         |   |                                                                                                                                            |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                     |    |      | B        |        |         |          |        |         |          |        |       |         |       |       |              |  |  |                                                                                                                                                                                                  |                                                                                                                                                                                                 |                                                                                                                               |
| A            | NOTES:<br><br>1. REFER TO INDIVIDUAL PRODUCT SALES DRAWINGS FOR "B" DIMENSION.<br>2. DOES NOT APPLY TO DUAL LEVEL HEADERS, SERIES 39528 AND 39538.<br>3. TYP. = TYPICAL. |         |   | REV D DIA'S PER CAT<br>EC NO: PG2014-0074<br>2013/10/11<br>DRAINSTONE<br>2013/10/16<br>CHKDB RUPERT<br>2013/11/23<br>APPR: JIMURPHY<br>REV | QUALITY SYMBOLS<br>▴=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± .005</td><td>± .0005</td></tr><tr><td>3 PLACES</td><td>± .005</td><td>± .0005</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>± .01</td></tr><tr><td colspan="3">ANGULAR ± 2°</td></tr></table> DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                                                                                     | mm | INCH | 4 PLACES | ± .005 | ± .0005 | 3 PLACES | ± .005 | ± .0005 | 2 PLACES | ± 0.13 | ± .01 | 1 PLACE | ± 0.3 | ± .01 | ANGULAR ± 2° |  |  | DIMENSION STYLE<br>MM/IN<br>DRAWN BY<br>C. YORK<br>DATE<br>2006/08/25<br>CHECKED BY<br>J. MACNEIL<br>DATE<br>2006/08/25<br>APPROVED BY<br>J. MACNEIL<br>DATE<br>2006/08/25<br>MATERIAL NO.<br>-- | SCALE<br>DESIGN UNITS<br>INCH<br>THIRD ANGLE PROJECTION<br>TITLE<br>RECOMMENDED PCB LAYOUT FOR ESE TERMINAL BLOCKS<br>MOLEX INCORPORATED<br>DOCUMENT NO.<br>SD-39501-002<br>SHEET NO.<br>1 OF 1 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |
|              | mm                                                                                                                                                                       | INCH    |   |                                                                                                                                            |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                     |    |      |          |        |         |          |        |         |          |        |       |         |       |       |              |  |  |                                                                                                                                                                                                  |                                                                                                                                                                                                 |                                                                                                                               |
| 4 PLACES     | ± .005                                                                                                                                                                   | ± .0005 |   |                                                                                                                                            |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                     |    |      |          |        |         |          |        |         |          |        |       |         |       |       |              |  |  |                                                                                                                                                                                                  |                                                                                                                                                                                                 |                                                                                                                               |
| 3 PLACES     | ± .005                                                                                                                                                                   | ± .0005 |   |                                                                                                                                            |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                     |    |      |          |        |         |          |        |         |          |        |       |         |       |       |              |  |  |                                                                                                                                                                                                  |                                                                                                                                                                                                 |                                                                                                                               |
| 2 PLACES     | ± 0.13                                                                                                                                                                   | ± .01   |   |                                                                                                                                            |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                     |    |      |          |        |         |          |        |         |          |        |       |         |       |       |              |  |  |                                                                                                                                                                                                  |                                                                                                                                                                                                 |                                                                                                                               |
| 1 PLACE      | ± 0.3                                                                                                                                                                    | ± .01   |   |                                                                                                                                            |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                     |    |      |          |        |         |          |        |         |          |        |       |         |       |       |              |  |  |                                                                                                                                                                                                  |                                                                                                                                                                                                 |                                                                                                                               |
| ANGULAR ± 2° |                                                                                                                                                                          |         |   |                                                                                                                                            |                               |                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                     |    |      |          |        |         |          |        |         |          |        |       |         |       |       |              |  |  |                                                                                                                                                                                                  |                                                                                                                                                                                                 |                                                                                                                               |
|              | 10                                                                                                                                                                       | 9       | 8 | 7                                                                                                                                          | 6                             | 5                                                                                                                                                                                                                                                                                                                                                                                                                               | 4                                                                                   | 3  | 2    | 1        |        |         |          |        |         |          |        |       |         |       |       |              |  |  |                                                                                                                                                                                                  |                                                                                                                                                                                                 |                                                                                                                               |



**SPECIFICATIONS:**

**1. Material:**

- A. Body: PA66, UL 94V-0
- B. Terminal: Brass - Tin plated
- C. Threaded Insert: Brass

**2. Electrical rating: 300V, 8A**

**3. Max Torque: 159 in.lbs. (0.18NM)**

**4. Minimum insert retention: 22 lbf (98N)**

**5. Operating temperature: -40°C to +105°C**

**6. Max. soldering temp: 260°C (500°F) for 5 seconds**

**7. DIM A (overall length)= (N x P) + 10.3mm**

**8. DIM B (circuit length)= (N - 1) x P**

**9. DIM C (mounting holes)= (B + 8.6mm)**

**10. P (PITCH) = 3.50mm (.138")**

**11. N = Number of positions available 2 through 20**

**12. Product spec: PS-39500-001**

**13. See drawing SD-39501-002 for PTH info**

**14. Dims. shown are for reference only**

|                      |  |                 |  |                                       |  |                 |  |                                                                                                                               |  |                                                                                  |  |                        |  |
|----------------------|--|-----------------|--|---------------------------------------|--|-----------------|--|-------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------|--|------------------------|--|
| REV'D INSERT & NOTES |  | QUALITY SYMBOLS |  | GENERAL TOLERANCES (UNLESS SPECIFIED) |  | DIMENSION STYLE |  | SCALE                                                                                                                         |  | DESIGN UNITS                                                                     |  | THIRD ANGLE PROJECTION |  |
|                      |  |                 |  |                                       |  | MM/IN           |  | 4:1                                                                                                                           |  | INCH                                                                             |  |                        |  |
|                      |  | ▽=0             |  |                                       |  | DRAWN BY        |  | DATE                                                                                                                          |  | TITLE<br>3.5MM, EURO HEADER<br>VERTICAL, MOUNTING ENDS<br><br>MOLEX INCORPORATED |  |                        |  |
|                      |  | ▽=0             |  |                                       |  | LROTHAUS        |  | 12/06/05                                                                                                                      |  |                                                                                  |  |                        |  |
|                      |  |                 |  | 4 PLACES ± .0015 ± .0015              |  | CHECKED BY      |  | DATE                                                                                                                          |  |                                                                                  |  |                        |  |
|                      |  |                 |  | 3 PLACES ± 0.038 ± .005               |  | C. YORK         |  | 01/06/06                                                                                                                      |  |                                                                                  |  |                        |  |
|                      |  |                 |  | 2 PLACES ± 0.13 ± .01                 |  | APPROVED BY     |  | DATE                                                                                                                          |  |                                                                                  |  |                        |  |
|                      |  |                 |  | 1 PLACE ± 0.3 ± .01                   |  |                 |  |                                                                                                                               |  |                                                                                  |  |                        |  |
|                      |  |                 |  | ANGULAR ± 2 °                         |  |                 |  |                                                                                                                               |  |                                                                                  |  |                        |  |
|                      |  |                 |  | DRAFT WHERE APPLICABLE                |  | MATERIAL NO.    |  | DOCUMENT NO.                                                                                                                  |  | SHEET NO.                                                                        |  |                        |  |
|                      |  |                 |  | MUST REMAIN                           |  | SEE SHEET 2     |  | SD-39505-001                                                                                                                  |  | 1 OF 2                                                                           |  |                        |  |
|                      |  |                 |  | WITHIN DIMENSIONS                     |  | SIZE B          |  | 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 39505

| Description                                 | Circuit size | Material Numbers |           |           |                  |           |           |                  |           |           |                  |           |           | Dimensional Information |       |        |       |        |       |
|---------------------------------------------|--------------|------------------|-----------|-----------|------------------|-----------|-----------|------------------|-----------|-----------|------------------|-----------|-----------|-------------------------|-------|--------|-------|--------|-------|
|                                             |              | Black            |           |           |                  |           |           | Green            |           |           |                  |           |           |                         |       |        |       |        |       |
|                                             |              | 100% Tin         |           |           | 30 u" Gold       |           |           | 100% Tin         |           |           | 30 u" Gold       |           |           |                         |       |        |       |        |       |
|                                             |              | Printing Options |           |           | Printing Options |           |           | Printing Options |           |           | Printing Options |           |           | Dim. A                  |       | Dim. B |       | Dim. C |       |
| None                                        | 10AV         | 11AV             | None      | 10AV      | 11AV             | None      | 10AV      | 11AV             | None      | 10AV      | 11AV             | mm        | inch      | mm                      | inch  | mm     | inch  |        |       |
| 3.5mm, Euro Header, Vertical, Mounting ends | 2            | 395051002        | 395051302 | 395051402 | 395051502        | 395051802 | 395051902 | 395056002        | 395056302 | 395056402 | 395056502        | 395056602 | 395056902 | 17.30                   | 0.681 | 3.50   | 0.138 | 12.10  | 0.478 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 3            | 395051003        | 395051303 | 395051403 | 395051503        | 395051803 | 395051903 | 395056003        | 395056303 | 395056403 | 395056503        | 395056603 | 395056903 | 20.80                   | 0.819 | 7.00   | 0.276 | 15.60  | 0.614 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 4            | 395051004        | 395051304 | 395051404 | 395051504        | 395051804 | 395051904 | 395056004        | 395056304 | 395056404 | 395056504        | 395056604 | 395056904 | 24.30                   | 0.957 | 10.50  | 0.413 | 19.10  | 0.752 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 5            | 395051005        | 395051305 | 395051405 | 395051505        | 395051805 | 395051905 | 395056005        | 395056305 | 395056405 | 395056505        | 395056605 | 395056905 | 27.90                   | 1.094 | 14.00  | 0.551 | 22.80  | 0.899 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 6            | 395051006        | 395051306 | 395051406 | 395051506        | 395051806 | 395051906 | 395056006        | 395056306 | 395056406 | 395056506        | 395056606 | 395056906 | 31.30                   | 1.232 | 17.50  | 0.689 | 26.10  | 1.028 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 7            | 395051007        | 395051307 | 395051407 | 395051507        | 395051807 | 395051907 | 395056007        | 395056307 | 395056407 | 395056507        | 395056607 | 395056907 | 34.80                   | 1.370 | 21.00  | 0.827 | 29.60  | 1.165 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 8            | 395051008        | 395051308 | 395051408 | 395051508        | 395051808 | 395051908 | 395056008        | 395056308 | 395056408 | 395056508        | 395056608 | 395056908 | 38.30                   | 1.508 | 24.50  | 0.965 | 33.10  | 1.303 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 9            | 395051009        | 395051309 | 395051409 | 395051509        | 395051809 | 395051909 | 395056009        | 395056309 | 395056409 | 395056509        | 395056609 | 395056909 | 41.80                   | 1.646 | 29.00  | 1.102 | 36.60  | 1.441 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 10           | 395051010        | 395051310 | 395051410 | 395051510        | 395051810 | 395051910 | 395056010        | 395056310 | 395056410 | 395056510        | 395056610 | 395056910 | 45.30                   | 1.783 | 31.50  | 1.240 | 40.10  | 1.579 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 11           | 395051011        | 395051311 | 395051411 | 395051511        | 395051811 | 395051911 | 395056011        | 395056311 | 395056411 | 395056511        | 395056611 | 395056911 | 48.80                   | 1.921 | 35.00  | 1.378 | 43.60  | 1.717 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 12           | 395051012        | 395051312 | 395051412 | 395051512        | 395051812 | 395051912 | 395056012        | 395056312 | 395056412 | 395056512        | 395056612 | 395056912 | 52.30                   | 2.059 | 39.50  | 1.516 | 47.10  | 1.854 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 13           | 395051013        | 395051313 | 395051413 | 395051513        | 395051813 | 395051913 | 395056013        | 395056313 | 395056413 | 395056513        | 395056613 | 395056913 | 55.80                   | 2.197 | 42.00  | 1.651 | 50.00  | 1.992 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 14           | 395051014        | 395051314 | 395051414 | 395051514        | 395051814 | 395051914 | 395056014        | 395056314 | 395056414 | 395056514        | 395056614 | 395056914 | 59.30                   | 2.335 | 45.50  | 1.791 | 54.10  | 2.130 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 15           | 395051015        | 395051315 | 395051415 | 395051515        | 395051815 | 395051915 | 395056015        | 395056315 | 395056415 | 395056515        | 395056615 | 395056915 | 62.80                   | 2.472 | 49.00  | 1.929 | 57.60  | 2.269 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 16           | 395051016        | 395051316 | 395051416 | 395051516        | 395051816 | 395051916 | 395056016        | 395056316 | 395056416 | 395056516        | 395056616 | 395056916 | 66.30                   | 2.610 | 52.50  | 2.067 | 61.10  | 2.408 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 17           | 395051017        | 395051317 | 395051417 | 395051517        | 395051817 | 395051917 | 395056017        | 395056317 | 395056417 | 395056517        | 395056617 | 395056917 | 69.80                   | 2.748 | 56.00  | 2.205 | 64.60  | 2.543 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 18           | 395051018        | 395051318 | 395051418 | 395051518        | 395051818 | 395051918 | 395056018        | 395056318 | 395056418 | 395056518        | 395056618 | 395056918 | 73.30                   | 2.886 | 59.50  | 2.343 | 68.10  | 2.681 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 19           | 395051019        | 395051319 | 395051419 | 395051519        | 395051819 | 395051919 | 395056019        | 395056319 | 395056419 | 395056519        | 395056619 | 395056919 | 76.80                   | 3.024 | 63.00  | 2.480 | 71.60  | 2.819 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 20           | 395051020        | 395051320 | 395051420 | 395051520        | 395051820 | 395051920 | 395056020        | 395056320 | 395056420 | 395056520        | 395056620 | 395056920 | 80.30                   | 3.161 | 66.50  | 2.619 | 75.10  | 2.957 |

|                                                                                                                   |                               |                                                      |  |                                                                                                                               |  |                                            |              |                                        |
|-------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------|--------------|----------------------------------------|
| SEE SHEET 1<br>EC NO: PG2015-0333<br>DR: DRINKSTONE<br>CH: CHADSTONE<br>APPR: JNORRHY<br>2014/08/25<br>2014/09/12 | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                |  | DIMENSION STYLE                                                                                                               |  | SCALE                                      | DESIGN UNITS | THIRD ANGLE PROJECTION                 |
|                                                                                                                   |                               |                                                      |  | MM/IN                                                                                                                         |  | 1:1                                        | INCH         |                                        |
|                                                                                                                   |                               |                                                      |  | DATE                                                                                                                          |  | TITLE                                      |              |                                        |
|                                                                                                                   |                               |                                                      |  | DATE                                                                                                                          |  | DATE                                       |              |                                        |
|                                                                                                                   |                               | 4 PLACES ±.0015                                      |  | DRAWN BY LROTHAUS                                                                                                             |  | 3.5MM, EURO HEADER VERTICAL, MOUNTING ENDS |              | <b>molex</b><br>SD-39505-001<br>2 OF 2 |
|                                                                                                                   |                               | 3 PLACES ±.005                                       |  | CHECKED BY C. YORK                                                                                                            |  |                                            |              |                                        |
|                                                                                                                   |                               | 2 PLACES ±.01                                        |  | APPROVED BY                                                                                                                   |  |                                            |              |                                        |
|                                                                                                                   |                               | 1 PLACE ±.03                                         |  | DATE                                                                                                                          |  |                                            |              |                                        |
|                                                                                                                   |                               | 0 PLACE ±                                            |  |                                                                                                                               |  |                                            |              |                                        |
|                                                                                                                   |                               | ANGULAR ± 2°                                         |  | MATERIAL NO.                                                                                                                  |  | DOCUMENT NO.                               |              |                                        |
|                                                                                                                   |                               | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |  | SEE CHART                                                                                                                     |  |                                            |              |                                        |
|                                                                                                                   |                               |                                                      |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                                            |              |                                        |

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

|                                             |    | Material Numbers |           |           |                  |           |           |                  |           |           |                  |           |           | Dimensional Information |        |       |        |       |       |
|---------------------------------------------|----|------------------|-----------|-----------|------------------|-----------|-----------|------------------|-----------|-----------|------------------|-----------|-----------|-------------------------|--------|-------|--------|-------|-------|
|                                             |    | Black            |           |           |                  |           |           | Green            |           |           |                  |           |           |                         |        |       |        |       |       |
|                                             |    | 100% Tin         |           |           | 30 u" Gold       |           |           | 100% Tin         |           |           | 30 u" Gold       |           |           |                         |        |       |        |       |       |
|                                             |    | Printing Options |           |           | Printing Options |           |           | Printing Options |           |           | Printing Options |           |           |                         |        |       |        |       |       |
| Description                                 |    | Circle Size      | None      | 10AV      | 11AV             | None      | 10AV      | 11AV             | None      | 10AV      | 11AV             | None      | 10AV      | 11AV                    | Dim. A | Dim B | Dim. C |       |       |
|                                             |    |                  |           |           |                  |           |           |                  |           |           |                  |           |           |                         | mm     | inch  | mm     | inch  |       |
| 3.5mm, Euro Header, Vertical, Mounting ends | 2  | 395051002        | 395051302 | 395051402 | 395051502        | 395051802 | 395051902 | 395056002        | 395056302 | 395056402 | 395056502        | 395056802 | 395056902 | 17.30                   | 0.681  | 3.50  | 0.138  | 12.10 | 0.476 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 3  | 395051003        | 395051303 | 395051403 | 395051503        | 395051803 | 395051903 | 395056003        | 395056303 | 395056403 | 395056503        | 395056803 | 395056903 | 20.80                   | 0.819  | 7.00  | 0.276  | 15.60 | 0.614 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 4  | 395051004        | 395051304 | 395051404 | 395051504        | 395051804 | 395051904 | 395056004        | 395056304 | 395056404 | 395056504        | 395056804 | 395056904 | 24.30                   | 0.957  | 10.50 | 0.413  | 19.10 | 0.752 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 5  | 395051005        | 395051305 | 395051405 | 395051505        | 395051805 | 395051905 | 395056005        | 395056305 | 395056405 | 395056505        | 395056805 | 395056905 | 27.80                   | 1.094  | 14.00 | 0.551  | 22.60 | 0.890 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 6  | 395051006        | 395051306 | 395051406 | 395051506        | 395051806 | 395051906 | 395056006        | 395056306 | 395056406 | 395056506        | 395056806 | 395056906 | 31.30                   | 1.232  | 17.50 | 0.689  | 26.10 | 1.028 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 7  | 395051007        | 395051307 | 395051407 | 395051507        | 395051807 | 395051907 | 395056007        | 395056307 | 395056407 | 395056507        | 395056807 | 395056907 | 34.80                   | 1.370  | 21.00 | 0.827  | 29.60 | 1.165 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 8  | 395051008        | 395051308 | 395051408 | 395051508        | 395051808 | 395051908 | 395056008        | 395056308 | 395056408 | 395056508        | 395056808 | 395056908 | 38.30                   | 1.508  | 24.50 | 0.965  | 33.10 | 1.303 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 9  | 395051009        | 395051309 | 395051409 | 395051509        | 395051809 | 395051909 | 395056009        | 395056309 | 395056409 | 395056509        | 395056809 | 395056909 | 41.80                   | 1.646  | 28.00 | 1.102  | 36.60 | 1.441 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 10 | 395051010        | 395051310 | 395051410 | 395051510        | 395051810 | 395051910 | 395056010        | 395056310 | 395056410 | 395056510        | 395056810 | 395056910 | 45.30                   | 1.783  | 31.50 | 1.240  | 40.10 | 1.579 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 11 | 395051011        | 395051311 | 395051411 | 395051511        | 395051811 | 395051911 | 395056011        | 395056311 | 395056411 | 395056511        | 395056811 | 395056911 | 48.80                   | 1.921  | 35.00 | 1.378  | 43.60 | 1.717 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 12 | 395051012        | 395051312 | 395051412 | 395051512        | 395051812 | 395051912 | 395056012        | 395056312 | 395056412 | 395056512        | 395056812 | 395056912 | 52.30                   | 2.059  | 38.50 | 1.516  | 47.10 | 1.854 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 13 | 395051013        | 395051313 | 395051413 | 395051513        | 395051813 | 395051913 | 395056013        | 395056313 | 395056413 | 395056513        | 395056813 | 395056913 | 55.80                   | 2.197  | 42.00 | 1.654  | 50.60 | 1.992 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 14 | 395051014        | 395051314 | 395051414 | 395051514        | 395051814 | 395051914 | 395056014        | 395056314 | 395056414 | 395056514        | 395056814 | 395056914 | 59.30                   | 2.335  | 45.50 | 1.791  | 54.10 | 2.130 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 15 | 395051015        | 395051315 | 395051415 | 395051515        | 395051815 | 395051915 | 395056015        | 395056315 | 395056415 | 395056515        | 395056815 | 395056915 | 62.80                   | 2.472  | 49.00 | 1.929  | 57.60 | 2.268 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 16 | 395051016        | 395051316 | 395051416 | 395051516        | 395051816 | 395051916 | 395056016        | 395056316 | 395056416 | 395056516        | 395056816 | 395056916 | 66.30                   | 2.610  | 52.50 | 2.067  | 61.10 | 2.406 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 17 | 395051017        | 395051317 | 395051417 | 395051517        | 395051817 | 395051917 | 395056017        | 395056317 | 395056417 | 395056517        | 395056817 | 395056917 | 69.80                   | 2.748  | 56.00 | 2.205  | 64.60 | 2.543 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 18 | 395051018        | 395051318 | 395051418 | 395051518        | 395051818 | 395051918 | 395056018        | 395056318 | 395056418 | 395056518        | 395056818 | 395056918 | 73.30                   | 2.886  | 59.50 | 2.343  | 68.10 | 2.681 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 19 | 395051019        | 395051319 | 395051419 | 395051519        | 395051819 | 395051919 | 395056019        | 395056319 | 395056419 | 395056519        | 395056819 | 395056919 | 76.80                   | 3.024  | 63.00 | 2.480  | 71.60 | 2.819 |
| 3.5mm, Euro Header, Vertical, Mounting ends | 20 | 395051020        | 395051320 | 395051420 | 395051520        | 395051820 | 395051920 | 395056020        | 395056320 | 395056420 | 395056520        | 395056820 | 395056920 | 80.30                   | 3.161  | 66.50 | 2.618  | 75.10 | 2.957 |

|                                                                                           |                 |                                       |  |                                                                                                                               |  |                  |                                                        |                        |
|-------------------------------------------------------------------------------------------|-----------------|---------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------|--|------------------|--------------------------------------------------------|------------------------|
| SEE SHEET 1<br>EC NO: NEO2006-0310<br>DRAWN: ROTHHAUS<br>CHKD: CYRK<br>APPR: JPAWL<br>REV | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) |  | DIMENSION STYLE<br>MM/IN                                                                                                      |  | SCALE<br>4:1     | DESIGN UNITS<br>INCH                                   | THIRD ANGLE PROJECTION |
|                                                                                           | ▽=0             |                                       |  | DRAWN BY<br>ROTHHAUS                                                                                                          |  | DATE<br>12/6/05  | TITLE<br>3.5MM, EURO HEADER<br>VERTICAL, MOUNTING ENDS |                        |
|                                                                                           | ▽=0             |                                       |  | CHECKED BY<br>C. YORK                                                                                                         |  | DATE<br>01/06/06 |                                                        |                        |
|                                                                                           |                 |                                       |  | APPROVED BY                                                                                                                   |  | DATE             | MOLEX MOLEX INCORPORATED                               |                        |
|                                                                                           |                 |                                       |  | MATERIAL NO.                                                                                                                  |  | DOCUMENT NO.     | SHEET NO.                                              |                        |
|                                                                                           |                 |                                       |  | SEE CHART                                                                                                                     |  | SD-39505-001     | 2 OF 2                                                 |                        |
|                                                                                           |                 |                                       |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                  |                                                        |                        |
|                                                                                           |                 |                                       |  |                                                                                                                               |  |                  |                                                        |                        |
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|                                                                                           |                 |                                       |  |                                                                                                                               |  |                  |                                                        |                        |
|                                                                                           |                 |                                       |  |                                                                                                                               |  |                  |                                                        |                        |

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