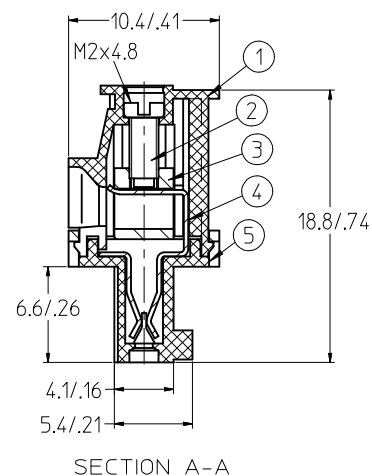
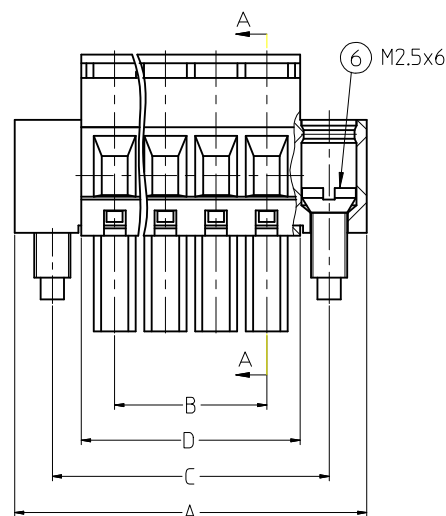
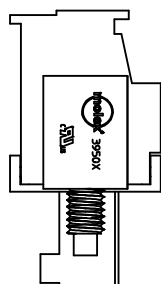


## SPECIFICATIONS:

## 1. MATERIAL:

(1). BODY: NYLON 66 (PA 66).

(2). SCREW: STEEL.

(3). CAGE (\*): BRASS

(4). TERMINAL: PHOSPHOR BRONZE (C)

(5). COVER: NYLON 66 (PA 66).

(6). SCREW: STEEL.

(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.

| TOLERANCES |       |           |       |
|------------|-------|-----------|-------|
| MM         | TOL   | INCH      | TOL   |
| 0-6        | ±0.25 | 0-.24     | ±.010 |
| >6-30      | ±0.40 | .24-1.18  | ±.016 |
| >30-120    | ±0.50 | 1.18-4.76 | ±.020 |
| >120       | ±0.80 | >4.76     | ±.031 |

|                                                                                                       |  |                                                                                                                               |                                       |       |                          |              |            |                                                                                                      |                        |           |  |
|-------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------|--------------------------|--------------|------------|------------------------------------------------------------------------------------------------------|------------------------|-----------|--|
| REVISED DOC TOL<br>EC NO: IPG2017-0881<br>DRWN:ANAGATH 2017/03/23<br>CHKD:<br>APPR:BRUPERT 2017/04/18 |  | QUALITY SYMBOLS<br><br>▽=0<br>▽=0                                                                                             | GENERAL TOLERANCES (UNLESS SPECIFIED) |       | DIMENSION STYLE<br>MM/IN |              | SCALE      | DESIGN UNITS<br>INCH                                                                                 | THIRD ANGLE PROJECTION |           |  |
|                                                                                                       |  |                                                                                                                               |                                       | mm    | INCH                     | DRAWN BY     | DATE       | TITLE<br>3.50MM, EURO PLUG, VERTICAL, REAR WIRE ENTRY, MOUNTING ENDS<br><br>MOLEX MOLEX INCORPORATED |                        |           |  |
|                                                                                                       |  |                                                                                                                               | 4 PLACES                              | ± --- | ± ---                    | EH/LE        | 2006/03/20 |                                                                                                      |                        |           |  |
|                                                                                                       |  |                                                                                                                               | 3 PLACES                              | ± --- | ± ---                    | CHECKED BY   | DATE       |                                                                                                      |                        |           |  |
|                                                                                                       |  |                                                                                                                               | 2 PLACES                              | ± --- | ± ---                    | EH/LE        | 2006/03/20 |                                                                                                      |                        |           |  |
|                                                                                                       |  |                                                                                                                               | 1 PLACE                               | ± --- | ± ---                    | APPROVED BY  | DATE       |                                                                                                      |                        |           |  |
|                                                                                                       |  |                                                                                                                               | ANGULAR ± ---°                        |       |                          | MATERIAL NO. |            | DOCUMENT NO.                                                                                         |                        | SHEET NO. |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                  |  |                                                                                                                               | SEE CHART                             |       | SD-39507-002             |              | 1 OF 2     |                                                                                                      |                        |           |  |
| 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 39507

| Circuit<br>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 |           |           |                         |      |      |      |      |      |      |      |
|                 | None             | 10AV      | 11AV      | None             | 10AV      | 11AV      | None             | 10AV      | 11AV      | None             | 10AV      | 11AV      | mm                      | inch | mm   | inch | mm   | inch | mm   | inch |
| 2               | 395072002        | 395072302 | 395072402 | 395072502        | 395072802 | 395072902 | 395077002        | 395077302 | 395077402 | 395077502        | 395077802 | 395077902 | 17.3                    | .68  | 3.5  | .14  | 12.1 | .48  | 8.1  | .32  |
| 3               | 395072003        | 395072303 | 395072403 | 395072503        | 395072803 | 395072903 | 395077003        | 395077303 | 395077403 | 395077503        | 395077803 | 395077903 | 20.8                    | .82  | 7.0  | .28  | 15.6 | .61  | 11.6 | .46  |
| 4               | 395072004        | 395072304 | 395072404 | 395072504        | 395072804 | 395072904 | 395077004        | 395077304 | 395077404 | 395077504        | 395077804 | 395077904 | 24.3                    | .96  | 10.5 | .41  | 19.1 | .75  | 15.1 | .59  |
| 5               | 395072005        | 395072305 | 395072405 | 395072505        | 395072805 | 395072905 | 395077005        | 395077305 | 395077405 | 395077505        | 395077805 | 395077905 | 27.8                    | 1.09 | 14.0 | .55  | 22.6 | .89  | 18.6 | .73  |
| 6               | 395072006        | 395072306 | 395072406 | 395072506        | 395072806 | 395072906 | 395077006        | 395077306 | 395077406 | 395077506        | 395077806 | 395077906 | 31.3                    | 1.23 | 17.5 | .69  | 26.1 | 1.03 | 22.1 | .87  |
| 7               | 395072007        | 395072307 | 395072407 | 395072507        | 395072807 | 395072907 | 395077007        | 395077307 | 395077407 | 395077507        | 395077807 | 395077907 | 34.8                    | 1.37 | 21.0 | .83  | 29.6 | 1.17 | 25.6 | 1.01 |
| 8               | 395072008        | 395072308 | 395072408 | 395072508        | 395072808 | 395072908 | 395077008        | 395077308 | 395077408 | 395077508        | 395077808 | 395077908 | 38.3                    | 1.51 | 24.5 | .97  | 33.1 | 1.30 | 29.1 | 1.15 |
| 9               | 395072009        | 395072309 | 395072409 | 395072509        | 395072809 | 395072909 | 395077009        | 395077309 | 395077409 | 395077509        | 395077809 | 395077909 | 41.8                    | 1.65 | 28.0 | 1.10 | 36.6 | 1.44 | 32.6 | 1.28 |
| 10              | 395072010        | 395072310 | 395072410 | 395072510        | 395072810 | 395072910 | 395077010        | 395077310 | 395077410 | 395077510        | 395077810 | 395077910 | 45.3                    | 1.78 | 31.5 | 1.24 | 40.1 | 1.58 | 36.1 | 1.42 |
| 11              | 395072011        | 395072311 | 395072411 | 395072511        | 395072811 | 395072911 | 395077011        | 395077311 | 395077411 | 395077511        | 395077811 | 395077911 | 48.8                    | 1.92 | 35.0 | 1.38 | 43.6 | 1.72 | 39.6 | 1.56 |
| 12              | 395072012        | 395072312 | 395072412 | 395072512        | 395072812 | 395072912 | 395077012        | 395077312 | 395077412 | 395077512        | 395077812 | 395077912 | 52.3                    | 2.06 | 38.5 | 1.52 | 47.1 | 1.95 | 43.1 | 1.70 |
| 13              | 395072013        | 395072313 | 395072413 | 395072513        | 395072813 | 395072913 | 395077013        | 395077313 | 395077413 | 395077513        | 395077813 | 395077913 | 55.8                    | 2.20 | 42.0 | 1.65 | 50.0 | 1.99 | 46.0 | 1.83 |
| 14              | 395072014        | 395072314 | 395072414 | 395072514        | 395072814 | 395072914 | 395077014        | 395077314 | 395077414 | 395077514        | 395077814 | 395077914 | 59.3                    | 2.34 | 45.5 | 1.79 | 54.1 | 2.13 | 50.1 | 1.97 |
| 15              | 395072015        | 395072315 | 395072415 | 395072515        | 395072815 | 395072915 | 395077015        | 395077315 | 395077415 | 395077515        | 395077815 | 395077915 | 62.8                    | 2.47 | 49.0 | 1.93 | 57.0 | 2.27 | 53.0 | 2.11 |
| 16              | 395072016        | 395072316 | 395072416 | 395072516        | 395072816 | 395072916 | 395077016        | 395077316 | 395077416 | 395077516        | 395077816 | 395077916 | 66.3                    | 2.61 | 52.5 | 2.07 | 61.1 | 2.41 | 57.1 | 2.25 |
| 17              | 395072017        | 395072317 | 395072417 | 395072517        | 395072817 | 395072917 | 395077017        | 395077317 | 395077417 | 395077517        | 395077817 | 395077917 | 69.8                    | 2.75 | 56.0 | 2.21 | 64.6 | 2.54 | 60.6 | 2.39 |
| 18              | 395072018        | 395072318 | 395072418 | 395072518        | 395072818 | 395072918 | 395077018        | 395077318 | 395077418 | 395077518        | 395077818 | 395077918 | 73.3                    | 2.89 | 59.5 | 2.34 | 68.1 | 2.68 | 64.1 | 2.52 |
| 19              | 395072019        | 395072319 | 395072419 | 395072519        | 395072819 | 395072919 | 395077019        | 395077319 | 395077419 | 395077519        | 395077819 | 395077919 | 76.8                    | 3.02 | 63.0 | 2.48 | 71.6 | 2.82 | 67.6 | 2.66 |
| 20              | 395072020        | 395072320 | 395072420 | 395072520        | 395072820 | 395072920 | 395077020        | 395077320 | 395077420 | 395077520        | 395077820 | 395077920 | 80.3                    | 3.16 | 66.5 | 2.62 | 75.1 | 2.96 | 71.1 | 2.80 |

| TOLERANCES |       |           |       |
|------------|-------|-----------|-------|
| MM         | TOL   | INCH      | TOL   |
| 0-6        | ±0.25 | 0-.24     | ±.010 |
| >6-30      | ±0.40 | .24-1.18  | ±.016 |
| >30-120    | ±0.50 | 1.18-4.76 | ±.020 |
| >120       | ±0.80 | >4.76     | ±.031 |

|                                                                                                                                                                                                |                               |                                                                                                                                                                   |                                                                                                                                                                                       |                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REVISED DOC TOL<br>EC NO: PG2017-0861<br>DRAWN: ANAGATH 2017/03/23<br>CHKD:<br>APPR: BRUPERT 2017/04/18<br>REV                                                                                 | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± --- ± ---<br>1 PLACE ± --- ± ---<br>ANGULAR ± ---° | DIMENSION STYLE<br>MM/IN<br>DRAWN BY DATE<br>EHILE 2006/03/20<br>CHECKED BY DATE<br>EHILE 2006/03/20<br>APPROVED BY DATE<br>RDEROSS 2006/03/20<br>MATERIAL NO.<br>SEE CHART<br>SIZE B | SCALE<br>DESIGN UNITS<br>INCH<br>THIRD ANGLE PROJECTION<br>3.50MM, EURO PLUG,<br>VERTICAL, REAR WIRE<br>ENTRY, MOUNTING ENDS<br>MOLEX INCORPORATED<br>DOCUMENT NO.<br>SD-39507-002<br>SHEET NO.<br>2 OF 2 |
|                                                                                                                                                                                                |                               |                                                                                                                                                                   |                                                                                                                                                                                       |                                                                                                                                                                                                           |
|                                                                                                                                                                                                |                               |                                                                                                                                                                   |                                                                                                                                                                                       |                                                                                                                                                                                                           |
|                                                                                                                                                                                                |                               |                                                                                                                                                                   |                                                                                                                                                                                       |                                                                                                                                                                                                           |
|                                                                                                                                                                                                |                               |                                                                                                                                                                   |                                                                                                                                                                                       |                                                                                                                                                                                                           |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS<br>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                               |                                                                                                                                                                   |                                                                                                                                                                                       |                                                                                                                                                                                                           |

9 8 7 6 5 4 3 2 1