

**SPECIFICATIONS:**

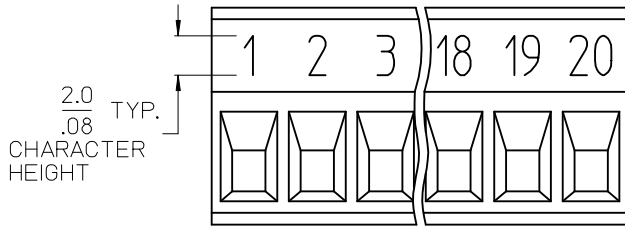
1. MATERIAL:  
 (1). SCREW: STEEL.  
 (2). BODY: NYLON 66 (PA 66).  
 (3). TERMINAL: PHOSPHOR BRONZE  
 (4). CAGE (\*): BRASS  
 (5). COVER: NYLON 66 (PA 66).
2. PRODUCT SPECIFICATION: PS-39500-001.
3. WIRE RANGE: 30 - 16AWG.
4. TORQUE: 2 in-lbs.
5. WIRE STRIP LENGTH: 6.50/.256.
6. NUMBER OF CIRCUIT POSITIONS AVAILABLE = 2 THROUGH 20.
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 |

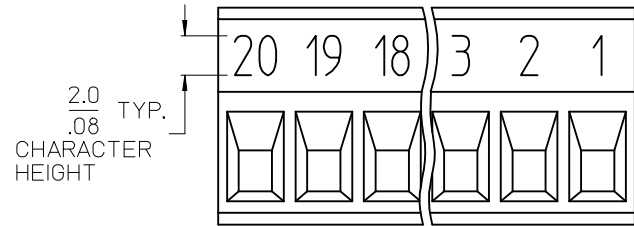
|  |   |  |   |   |   |   |
|--|---|--|---|---|---|---|
| REVISED DOC. TOL<br>EC NO: IFC2017-0881<br>DRAWN BY: VASUTHKARP 2017/03/22<br>CHKD: APPR: BRUPERT 2017/04/18<br>REV C2 | QUALITY SYMBOLS<br>▼=0<br>▽=0                           | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES ±--- ±---<br>3 PLACES ±--- ±---<br>2 PLACES ±--- ±---<br>1 PLACE ±--- ±---<br>ANGULAR ±---° | DIMENSION STYLE<br>MM/IN<br>DRAWN BY DATE<br>LROTHAUS 12/06/05<br>CHECKED BY DATE<br>C. YORK 01/06/06<br>APPROVED BY DATE<br>J. PAWLICKI 01/10/06<br>MATERIAL NO. | SCALE<br>DESIGN UNITS<br>INCH<br>THIRD ANGLE PROJECTION | TITLE<br>3.50MM, EURO TERM BLOCK<br>RIGHT ANGLE, PLUG   | MOLEX INCORPORATED<br>DOCUMENT NO. SD-39500-001<br>SHEET NO. 1 OF 2 |
|  | DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS |  | SEE SHEET 2   |   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   |

10 9 8 7 6 5 4 3 2 1

| Circuit size | Material Numbers |           |           |                  |           |           |                  |           |           |                  |           |           | Dimensional Information |       |        |       |
|--------------|------------------|-----------|-----------|------------------|-----------|-----------|------------------|-----------|-----------|------------------|-----------|-----------|-------------------------|-------|--------|-------|
|              | Black            |           |           |                  |           |           | Green            |           |           |                  |           |           | Dim. A                  |       | Dim. D |       |
|              | 100% Tin         |           |           | 30 u" Gold       |           |           | 100% Tin         |           |           | 30 u" Gold       |           |           | mm                      |       | inch   |       |
|              | Printing Options |           |           | Printing Options |           |           | Printing Options |           |           | Printing Options |           |           |                         |       |        |       |
|              | None             | 10A       | 11A       | None             | 10A       | 11A       | None             | 10A       | 11A       | None             | 10A       | 11A       | mm                      | inch  | mm     | inch  |
| 2            | 39500002         | 395000102 | 395000202 | 395000502        | 395000602 | 395000702 | 395005002        | 395005102 | 395005202 | 395005502        | 395005602 | 395005702 | 7.80                    | 0.307 | 3.50   | 0.138 |
| 3            | 395000003        | 395000103 | 395000203 | 395000503        | 395000603 | 395000703 | 395005003        | 395005103 | 395005203 | 395005503        | 395005603 | 395005703 | 11.30                   | 0.445 | 7.00   | 0.276 |
| 4            | 395000004        | 395000104 | 395000204 | 395000504        | 395000604 | 395000704 | 395005004        | 395005104 | 395005204 | 395005504        | 395005604 | 395005704 | 14.80                   | 0.583 | 10.50  | 0.413 |
| 5            | 395000005        | 395000105 | 395000205 | 395000505        | 395000605 | 395000705 | 395005005        | 395005105 | 395005205 | 395005505        | 395005605 | 395005705 | 18.30                   | 0.720 | 14.00  | 0.551 |
| 6            | 395000006        | 395000106 | 395000206 | 395000506        | 395000606 | 395000706 | 395005006        | 395005106 | 395005206 | 395005506        | 395005606 | 395005706 | 21.80                   | 0.858 | 17.50  | 0.688 |
| 7            | 395000007        | 395000107 | 395000207 | 395000507        | 395000607 | 395000707 | 395005007        | 395005107 | 395005207 | 395005507        | 395005607 | 395005707 | 25.30                   | 0.996 | 21.00  | 0.827 |
| 8            | 395000008        | 395000108 | 395000208 | 395000508        | 395000608 | 395000708 | 395005008        | 395005108 | 395005208 | 395005508        | 395005608 | 395005708 | 28.80                   | 1.134 | 24.50  | 0.965 |
| 9            | 395000009        | 395000109 | 395000209 | 395000509        | 395000609 | 395000709 | 395005009        | 395005109 | 395005209 | 395005509        | 395005609 | 395005709 | 32.30                   | 1.272 | 28.00  | 1.102 |
| 10           | 395000010        | 395000110 | 395000210 | 395000510        | 395000610 | 395000710 | 395005010        | 395005110 | 395005210 | 395005510        | 395005610 | 395005710 | 35.80                   | 1.409 | 31.50  | 1.240 |
| 11           | 395000011        | 395000111 | 395000211 | 395000511        | 395000611 | 395000711 | 395005011        | 395005111 | 395005211 | 395005511        | 395005611 | 395005711 | 39.30                   | 1.547 | 35.00  | 1.378 |
| 12           | 395000012        | 395000112 | 395000212 | 395000512        | 395000612 | 395000712 | 395005012        | 395005112 | 395005212 | 395005512        | 395005612 | 395005712 | 42.80                   | 1.685 | 38.50  | 1.516 |
| 13           | 395000013        | 395000113 | 395000213 | 395000513        | 395000613 | 395000713 | 395005013        | 395005113 | 395005213 | 395005513        | 395005613 | 395005713 | 46.30                   | 1.823 | 42.00  | 1.654 |
| 14           | 395000014        | 395000114 | 395000214 | 395000514        | 395000614 | 395000714 | 395005014        | 395005114 | 395005214 | 395005514        | 395005614 | 395005714 | 49.80                   | 1.961 | 45.50  | 1.791 |
| 15           | 395000015        | 395000115 | 395000215 | 395000515        | 395000615 | 395000715 | 395005015        | 395005115 | 395005215 | 395005515        | 395005615 | 395005715 | 53.30                   | 2.099 | 49.00  | 1.929 |
| 16           | 395000016        | 395000116 | 395000216 | 395000516        | 395000616 | 395000716 | 395005016        | 395005116 | 395005216 | 395005516        | 395005616 | 395005716 | 56.80                   | 2.238 | 52.50  | 2.067 |
| 17           | 395000017        | 395000117 | 395000217 | 395000517        | 395000617 | 395000717 | 395005017        | 395005117 | 395005217 | 395005517        | 395005617 | 395005717 | 60.30                   | 2.376 | 56.00  | 2.205 |
| 18           | 395000018        | 395000118 | 395000218 | 395000518        | 395000618 | 395000718 | 395005018        | 395005118 | 395005218 | 395005518        | 395005618 | 395005718 | 63.80                   | 2.514 | 59.50  | 2.343 |
| 19           | 395000019        | 395000119 | 395000219 | 395000519        | 395000619 | 395000719 | 395005019        | 395005119 | 395005219 | 395005519        | 395005619 | 395005719 | 67.30                   | 2.652 | 63.00  | 2.480 |
| 20           | 395000020        | 395000120 | 395000220 | 395000520        | 395000620 | 395000720 | 395005020        | 395005120 | 395005220 | 395005520        | 395005620 | 395005720 | 70.80                   | 2.791 | 66.50  | 2.618 |



10A IMPRINTING



11A IMPRINTING

| TOLERANCES |       |           |       |
|------------|-------|-----------|-------|
| MM         | TOL   | INCH      | TOL   |
| 0-6        | ±0.25 | 0-.24     | ±.010 |
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| >120       | ±0.80 | >4.76     | ±.031 |

REVISED DOC TOL  
 EC NO: ICG2017-0861  
 DRAWN: VASUTHKARP 2017/03/22  
 CHKD: C2  
 APPR: BRUPERT 2017/04/18

QUALITY SYMBOLS  
 ▽=0  
 ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

|              | mm   | INCH |
|--------------|------|------|
| 4 PLACES     | ±--- | ±--- |
| 3 PLACES     | ±--- | ±--- |
| 2 PLACES     | ±--- | ±--- |
| 1 PLACE      | ±--- | ±--- |
| ANGULAR ±--- |      |      |

DRAFT WHERE APPLICABLE  
 MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE  
**MM/IN**

DRAWN BY: LROTHAUS  
 DATE: 12/6/05

CHECKED BY: C. YORK  
 DATE: 01/06/06

APPROVED BY: J. PAWLICKI  
 DATE: 01/10/06

MATERIAL NO.

SCALE: INCH  
 DESIGN UNITS: INCH  
 THIRD ANGLE PROJECTION

TITLE: 3.50MM, EURO TERM. BLOCK  
 RIGHT ANGLE, PLUG

**molex** MOLEX INCORPORATED

DOCUMENT NO. SD-39500-001  
 SHEET NO. 2 OF 2

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9 8 7 6 5 4 3 2 1