



SPECIFICATIONS:

1. Material:
 - (1). Screw: STEEL.
 - (2). Body: PA66
 - (3). Terminal: Brass
 - (4). Cage: Brass
 - (5). Cover: PA66
2. Wire range: 30 - 16AWG.
3. Electrical rating: 300V, 8A.
4. MAX TORQUE: 3 in-lbs.
5. Wire strip length: 5.00mm.
6. Operating temperature: -40C to +105C.
7. $A = (N \times P) = .79\text{mm}$.
8. $B = (N - 1) \times P$.
9. $C = B + 9.0\text{mm}$.
10. $D = A + 9.6\text{mm}$.
11. $P = (\text{Pitch}) = 3.81\text{mm} (.150")$
12. N = Number of positions available 2 through 20.
13. ASSEMBLY IS ROHS COMPLIANT.

| | | | | | | | | | |
|--|-------------------------------|---------------------------------------|--|----------------------------|--------------------|---|------------------------------|---------------------------|--|
| EDIT TITLE EC NO: ETC2007-0459 DRWN: CLYORK 2007/06/21 CHKD: JMACNEIL 2007/06/22 APPR: JMACNEIL 2007/06/25 | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM/IN | | SCALE 4:1 | DESIGN UNITS INCH | THIRD ANGLE PROJECTION | |
| | | 4 PLACES ± --- ±.0015 | 3 PLACES ±0.038 ±.005 | DRAWN BY LROTHAUS | DATE 2005/12/06 | TITLE 3.81MM, EURO TERM BLOCK VERT, PLUG, REAR WIRE ENTRY, MOUNTING ENDS | | | |
| | | 2 PLACES ±0.13 ±.01 | 1 PLACE ±0.3 ± --- | CHECKED BY C. YORK | DATE 2006/01/06 | MOLEX INCORPORATED | | | |
| | | ANGULAR ± 2 ° | | APPROVED BY J. PAWLICKI | DATE 2006/01/10 | MATERIAL NO. SEE SHT. 2 | DOCUMENT NO. SD-39517-002 | SHEET NO. 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 | | | | | | Dim. A | | | | Dim B | | | | Dim C | | | | Dim D | | | |
| | 100% Tin | | | 30 u" Gold | | | 100% Tin | | | 30 u" Gold | | | mm | | inch | | mm | | inch | | mm | | inch | | mm | | inch | |
| | Printing Options | | | Printing Options | | | Printing Options | | | Printing Options | | | mm | | inch | | mm | | inch | | mm | | inch | | mm | | inch | |
| | None | 10AV | 11AV | None | 10AV | 11AV | None | 10AV | 11AV | None | 10AV | 11AV | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | | |
| 2 | 395172002 | 395172302 | 395172402 | 395172502 | 395172802 | 395172902 | 395177002 | 395177302 | 395177402 | 395177502 | 395177802 | 395177902 | 8.41 | 0.331 | 3.81 | 0.150 | 12.81 | 0.504 | 18.01 | 0.709 | | | | | | | | |
| 3 | 395172003 | 395172303 | 395172403 | 395172503 | 395172803 | 395172903 | 395177003 | 395177303 | 395177403 | 395177503 | 395177803 | 395177903 | 12.22 | 0.481 | 7.62 | 0.300 | 16.62 | 0.654 | 21.82 | 0.859 | | | | | | | | |
| 4 | 395172004 | 395172304 | 395172404 | 395172504 | 395172804 | 395172904 | 395177004 | 395177304 | 395177404 | 395177504 | 395177804 | 395177904 | 16.03 | 0.631 | 11.43 | 0.450 | 20.43 | 0.804 | 25.63 | 1.009 | | | | | | | | |
| 5 | 395172005 | 395172305 | 395172405 | 395172505 | 395172805 | 395172905 | 395177005 | 395177305 | 395177405 | 395177505 | 395177805 | 395177905 | 19.84 | 0.781 | 15.24 | 0.600 | 24.24 | 0.954 | 29.44 | 1.159 | | | | | | | | |
| 6 | 395172006 | 395172306 | 395172406 | 395172506 | 395172806 | 395172906 | 395177006 | 395177306 | 395177406 | 395177506 | 395177806 | 395177906 | 23.65 | 0.931 | 19.05 | 0.750 | 28.05 | 1.104 | 33.25 | 1.309 | | | | | | | | |
| 7 | 395172007 | 395172307 | 395172407 | 395172507 | 395172807 | 395172907 | 395177007 | 395177307 | 395177407 | 395177507 | 395177807 | 395177907 | 27.46 | 1.081 | 22.86 | 0.900 | 31.86 | 1.254 | 37.06 | 1.459 | | | | | | | | |
| 8 | 395172008 | 395172308 | 395172408 | 395172508 | 395172808 | 395172908 | 395177008 | 395177308 | 395177408 | 395177508 | 395177808 | 395177908 | 31.27 | 1.231 | 26.67 | 1.050 | 35.67 | 1.404 | 40.87 | 1.609 | | | | | | | | |
| 9 | 395172009 | 395172309 | 395172409 | 395172509 | 395172809 | 395172909 | 395177009 | 395177309 | 395177409 | 395177509 | 395177809 | 395177909 | 35.08 | 1.381 | 30.48 | 1.200 | 39.48 | 1.554 | 44.68 | 1.759 | | | | | | | | |
| 10 | 395172010 | 395172310 | 395172410 | 395172510 | 395172810 | 395172910 | 395177010 | 395177310 | 395177410 | 395177510 | 395177810 | 395177910 | 38.89 | 1.531 | 34.29 | 1.350 | 43.29 | 1.704 | 48.49 | 1.909 | | | | | | | | |
| 11 | 395172011 | 395172311 | 395172411 | 395172511 | 395172811 | 395172911 | 395177011 | 395177311 | 395177411 | 395177511 | 395177811 | 395177911 | 42.70 | 1.681 | 38.10 | 1.500 | 47.10 | 1.854 | 52.30 | 2.059 | | | | | | | | |
| 12 | 395172012 | 395172312 | 395172412 | 395172512 | 395172812 | 395172912 | 395177012 | 395177312 | 395177412 | 395177512 | 395177812 | 395177912 | 46.51 | 1.831 | 41.91 | 1.650 | 50.91 | 2.004 | 56.11 | 2.209 | | | | | | | | |
| 13 | 395172013 | 395172313 | 395172413 | 395172513 | 395172813 | 395172913 | 395177013 | 395177313 | 395177413 | 395177513 | 395177813 | 395177913 | 50.32 | 1.981 | 45.72 | 1.800 | 54.72 | 2.154 | 59.92 | 2.359 | | | | | | | | |
| 14 | 395172014 | 395172314 | 395172414 | 395172514 | 395172814 | 395172914 | 395177014 | 395177314 | 395177414 | 395177514 | 395177814 | 395177914 | 54.13 | 2.131 | 49.53 | 1.950 | 58.53 | 2.304 | 63.73 | 2.509 | | | | | | | | |
| 15 | 395172015 | 395172315 | 395172415 | 395172515 | 395172815 | 395172915 | 395177015 | 395177315 | 395177415 | 395177515 | 395177815 | 395177915 | 57.94 | 2.281 | 53.34 | 2.100 | 62.34 | 2.454 | 67.54 | 2.659 | | | | | | | | |
| 16 | 395172016 | 395172316 | 395172416 | 395172516 | 395172816 | 395172916 | 395177016 | 395177316 | 395177416 | 395177516 | 395177816 | 395177916 | 61.75 | 2.431 | 57.15 | 2.250 | 66.15 | 2.604 | 71.35 | 2.809 | | | | | | | | |
| 17 | 395172017 | 395172317 | 395172417 | 395172517 | 395172817 | 395172917 | 395177017 | 395177317 | 395177417 | 395177517 | 395177817 | 395177917 | 65.56 | 2.581 | 60.96 | 2.400 | 69.96 | 2.754 | 75.16 | 2.959 | | | | | | | | |
| 18 | 395172018 | 395172318 | 395172418 | 395172518 | 395172818 | 395172918 | 395177018 | 395177318 | 395177418 | 395177518 | 395177818 | 395177918 | 69.37 | 2.731 | 64.77 | 2.550 | 73.77 | 2.904 | 78.97 | 3.109 | | | | | | | | |
| 19 | 395172019 | 395172319 | 395172419 | 395172519 | 395172819 | 395172919 | 395177019 | 395177319 | 395177419 | 395177519 | 395177819 | 395177919 | 73.18 | 2.881 | 68.58 | 2.700 | 77.58 | 3.054 | 82.78 | 3.259 | | | | | | | | |
| 20 | 395172020 | 395172320 | 395172420 | 395172520 | 395172820 | 395172920 | 395177020 | 395177320 | 395177420 | 395177520 | 395177820 | 395177920 | 76.99 | 3.031 | 72.39 | 2.850 | 81.39 | 3.204 | 86.59 | 3.409 | | | | | | | | |

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|---|------------------------------|---|---------------------------|--|--------------------|------------------------|
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| | $\nabla = 0$ $\nabla = 0$ | mm INCH 4 PLACES ± --- ±.0015 3 PLACES ± 0.038 ±.005 2 PLACES ± 0.13 ±.01 1 PLACE ± 0.3 ± --- | MM/IN | 4:1 | INCH | |
| | DESCRIPTION | DRAWN BY DATE LROTHAUS 2005/12/06 CHECKED BY DATE C. YORK 2006/01/06 APPROVED BY DATE J. PAWLICKI 2006/01/10 | TITLE | 3.81MM, EURO TERM BLOCK VERT. PLUG, REAR WIRE ENTRY, MOUNTING ENDS | | |
| | REV | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | MATERIAL NO. SEE CHART | DOCUMENT NO. SD-39517-002 | MOLEX INCORPORATED | |