



SPECIFICATIONS:

1. MATERIAL:

- (A). SCREW: M3, STEEL, ZINC PLATED
- (B). COVER: NYLON
- (C). TERMINAL MATERIAL: Cu ALLOY
TERMINAL FINISH:
a. TIN/NICKEL
b. GOLD/NICKEL
- (D). CAGE: BRASS, NICKEL PLATED
- (E). BODY: NYLON

2. WIRE RANGE: 12 - 30 AWG

3. ELECTRICAL RATING: 300V, 15A

4. WIRE STRIP LENGTH: 5.0mm

5. OPERATING TEMPERATURE: -40°C TO +115°C

6. MAX TORQUE: 5 In-Lbs.

7. NUMBER OF POSITIONS AVAILABLE = 2 THROUGH 24

8. PRODUCT SPEC: PS-39500-001

9. ASSEMBLY IS 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 EC NO: IPG2017-0861 DRAWN: CRADDOREMS 2017/03/23 CHKD: APPR: | DESCRIPTION REV | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM/IN | | SCALE | DESIGN UNITS INCH | THIRD ANGLE PROJECTION | | |
| | | 4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±--- ±--- 1 PLACE ±--- ±--- | | DRAWN BY LROTHAUS DATE 12/6/05 CHECKED BY C. YORK DATE 01/04/06 APPROVED BY J. PAWLICKI DATE 01/10/06 | | TITLE 5.08MM, EURO PLUG, RIGHT ANGLE | | Molex MOLEX INCORPORATED | | SHEET NO. 1 OF 2 | |
| | | ANGULAR ±---° | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SEE SHT. 2 | | DOCUMENT NO. SD-39530-001 | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | |
| | | C2 | | | | SIZE B | | | | | |

| Description | Circuit Size | Material Numbers | | | | | | | | | | | Dimensional Information | | | | |
|--------------------------------|--------------|------------------|-----------|-----------|-----------------|-----------|-----------|-----------------|-----------|-----------|-----------------|-----------|-------------------------|--------|-------|--------|-------|
| | | Black | | | | | | Green | | | | | Dim. A | | Dim B | | |
| | | 100% Tin | | | 30 u" Gold | | | 100% Tin | | | 30 u" Gold | | mm | inch | mm | inch | |
| | | Pinking Options | | | Pinking Options | | | Pinking Options | | | Pinking Options | | | | | | |
| | None | 10A | 11A | None | 10A | 11A | None | 10A | 11A | None | 10A | 11A | | | | | |
| 5.08mm, Euro Plug, Right Angle | 2 | 395300002 | 395300102 | 395300202 | 395300302 | 395300402 | 395300502 | 395300602 | 395300702 | 395300802 | 395300902 | 395301002 | 395301102 | 10.16 | 0.400 | 5.08 | 0.200 |
| 5.08mm, Euro Plug, Right Angle | 3 | 395300003 | 395300103 | 395300203 | 395300303 | 395300403 | 395300503 | 395300603 | 395300703 | 395300803 | 395300903 | 395301003 | 395301103 | 15.24 | 0.600 | 10.16 | 0.400 |
| 5.08mm, Euro Plug, Right Angle | 4 | 395300004 | 395300104 | 395300204 | 395300304 | 395300404 | 395300504 | 395300604 | 395300704 | 395300804 | 395300904 | 395301004 | 395301104 | 20.32 | 0.800 | 15.24 | 0.600 |
| 5.08mm, Euro Plug, Right Angle | 5 | 395300005 | 395300105 | 395300205 | 395300305 | 395300405 | 395300505 | 395300605 | 395300705 | 395300805 | 395300905 | 395301005 | 395301105 | 25.40 | 1.000 | 20.32 | 0.800 |
| 5.08mm, Euro Plug, Right Angle | 6 | 395300006 | 395300106 | 395300206 | 395300306 | 395300406 | 395300506 | 395300606 | 395300706 | 395300806 | 395300906 | 395301006 | 395301106 | 30.48 | 1.200 | 25.40 | 1.000 |
| 5.08mm, Euro Plug, Right Angle | 7 | 395300007 | 395300107 | 395300207 | 395300307 | 395300407 | 395300507 | 395300607 | 395300707 | 395300807 | 395300907 | 395301007 | 395301107 | 35.56 | 1.400 | 30.48 | 1.200 |
| 5.08mm, Euro Plug, Right Angle | 8 | 395300008 | 395300108 | 395300208 | 395300308 | 395300408 | 395300508 | 395300608 | 395300708 | 395300808 | 395300908 | 395301008 | 395301108 | 40.64 | 1.600 | 35.56 | 1.400 |
| 5.08mm, Euro Plug, Right Angle | 9 | 395300009 | 395300109 | 395300209 | 395300309 | 395300409 | 395300509 | 395300609 | 395300709 | 395300809 | 395300909 | 395301009 | 395301109 | 45.72 | 1.800 | 40.64 | 1.600 |
| 5.08mm, Euro Plug, Right Angle | 10 | 395300010 | 395300110 | 395300210 | 395300310 | 395300410 | 395300510 | 395300610 | 395300710 | 395300810 | 395300910 | 395301010 | 395301110 | 50.80 | 2.000 | 45.72 | 1.800 |
| 5.08mm, Euro Plug, Right Angle | 11 | 395300011 | 395300111 | 395300211 | 395300311 | 395300411 | 395300511 | 395300611 | 395300711 | 395300811 | 395300911 | 395301011 | 395301111 | 55.88 | 2.200 | 50.80 | 2.000 |
| 5.08mm, Euro Plug, Right Angle | 12 | 395300012 | 395300112 | 395300212 | 395300312 | 395300412 | 395300512 | 395300612 | 395300712 | 395300812 | 395300912 | 395301012 | 395301112 | 60.96 | 2.400 | 55.88 | 2.200 |
| 5.08mm, Euro Plug, Right Angle | 13 | 395300013 | 395300113 | 395300213 | 395300313 | 395300413 | 395300513 | 395300613 | 395300713 | 395300813 | 395300913 | 395301013 | 395301113 | 66.04 | 2.600 | 60.96 | 2.400 |
| 5.08mm, Euro Plug, Right Angle | 14 | 395300014 | 395300114 | 395300214 | 395300314 | 395300414 | 395300514 | 395300614 | 395300714 | 395300814 | 395300914 | 395301014 | 395301114 | 71.12 | 2.800 | 66.04 | 2.600 |
| 5.08mm, Euro Plug, Right Angle | 15 | 395300015 | 395300115 | 395300215 | 395300315 | 395300415 | 395300515 | 395300615 | 395300715 | 395300815 | 395300915 | 395301015 | 395301115 | 76.20 | 3.000 | 71.12 | 2.800 |
| 5.08mm, Euro Plug, Right Angle | 16 | 395300016 | 395300116 | 395300216 | 395300316 | 395300416 | 395300516 | 395300616 | 395300716 | 395300816 | 395300916 | 395301016 | 395301116 | 81.28 | 3.200 | 76.20 | 3.000 |
| 5.08mm, Euro Plug, Right Angle | 17 | 395300017 | 395300117 | 395300217 | 395300317 | 395300417 | 395300517 | 395300617 | 395300717 | 395300817 | 395300917 | 395301017 | 395301117 | 86.36 | 3.400 | 81.28 | 3.200 |
| 5.08mm, Euro Plug, Right Angle | 18 | 395300018 | 395300118 | 395300218 | 395300318 | 395300418 | 395300518 | 395300618 | 395300718 | 395300818 | 395300918 | 395301018 | 395301118 | 91.44 | 3.600 | 86.36 | 3.400 |
| 5.08mm, Euro Plug, Right Angle | 19 | 395300019 | 395300119 | 395300219 | 395300319 | 395300419 | 395300519 | 395300619 | 395300719 | 395300819 | 395300919 | 395301019 | 395301119 | 96.52 | 3.800 | 91.44 | 3.600 |
| 5.08mm, Euro Plug, Right Angle | 20 | 395300020 | 395300120 | 395300220 | 395300320 | 395300420 | 395300520 | 395300620 | 395300720 | 395300820 | 395300920 | 395301020 | 395301120 | 101.60 | 4.000 | 96.52 | 3.800 |
| 5.08mm, Euro Plug, Right Angle | 21 | 395300021 | 395300121 | 395300221 | 395300321 | 395300421 | 395300521 | 395300621 | 395300721 | 395300821 | 395300921 | 395301021 | 395301121 | 106.68 | 4.200 | 101.60 | 4.000 |
| 5.08mm, Euro Plug, Right Angle | 22 | 395300022 | 395300122 | 395300222 | 395300322 | 395300422 | 395300522 | 395300622 | 395300722 | 395300822 | 395300922 | 395301022 | 395301122 | 111.76 | 4.400 | 106.68 | 4.200 |
| 5.08mm, Euro Plug, Right Angle | 23 | 395300023 | 395300123 | 395300223 | 395300323 | 395300423 | 395300523 | 395300623 | 395300723 | 395300823 | 395300923 | 395301023 | 395301123 | 116.84 | 4.600 | 111.76 | 4.400 |
| 5.08mm, Euro Plug, Right Angle | 24 | 395300024 | 395300124 | 395300224 | 395300324 | 395300424 | 395300524 | 395300624 | 395300724 | 395300824 | 395300924 | 395301024 | 395301124 | 121.92 | 4.800 | 116.84 | 4.600 |

| 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
 EC NO: IFC2017-0861
 DRAWN: CRADDOREWS 2017/03/23
 CHKD:
 APPR: BRUPERT 2017/04/18

QUALITY SYMBOLS
 = 0
 = 0.07

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 DATE
 LROTHAUS 12/6/05

CHECKED BY DATE
 C. YORK 01/04/06

APPROVED BY DATE
 J. PAWLICKI 01/10/06

MATERIAL NO.
 SEE CHART

SIZE
 B

SCALE
 INCH

DESIGN UNITS
 INCH

THIRD ANGLE PROJECTION

TITLE
 5.08MM, EURO PLUG, RIGHT ANGLE

molex MOLEX INCORPORATED

DOCUMENT NO.
 SD-39530-001

SHEET NO.
 2 OF 2

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