



NOTES:

1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. MATES WITH: 87 SERIES PLUGGABLE PCB TERMINAL BLOCK
4. INCH DIMS ARE SHOWN IN BRACKETS [XXX]
5. "XX" REFERS TO NUMBER OF CIRCUITS
6. REFER TO SD-38120-003 FOR IMPRINTING OPTIONS (10A AND 11A).
7. ALL COMPONENTS ARE ROHS COMPLIANT.

| | | | | |
|------|------|--------------------------|----------|----------------------|
| 3 | XX | HEADER PIN (-G30 OPTION) | BRASS | GOLD PLATE |
| 2 | XX | HEADER PIN (STANDARD) | BRASS | TIN PLATE |
| 1 | 1 | HEADER INSULATOR | NYLON | SEE CHART ON SHEET 2 |
| ITEM | QTY. | DESCRIPTION | MATERIAL | FINISH |

| | | |
|--|-----------------|-------------|
| ADD MATERIAL NO. EC NO: ETC2006-0436 DRAWN: CYORK 2006/05/16 CHKD: RDEROSS 2006/05/17 APPR: RDEROSS 2006/05/19 | QUALITY SYMBOLS | DESCRIPTION |
| | ▽=0 | |
| | ∇=0 | |
| | REV | |

| | |
|--|--------------|
| GENERAL TOLERANCES (UNLESS SPECIFIED) | |
| | mm INCH |
| 4 PLACES | ± --- ± --- |
| 3 PLACES | ± --- ± .005 |
| 2 PLACES | ± 0.13 ± .01 |
| 1 PLACE | ± 0.3 ± --- |
| ANGULAR ± 2 ° | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | |

| | |
|-----------------|------------|
| DIMENSION STYLE | |
| MM/IN | |
| DRAWN BY | DATE |
| C. YORK | 2003/08/07 |
| CHECKED BY | DATE |
| R. KEMP | 2003/08/07 |
| APPROVED BY | DATE |
| P. WALTZ | 2003/08/07 |
| MATERIAL NO. | |
| SEE SHT. 2 | |
| SIZE | B |

| | | |
|---|--------------|------------------------|
| SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| 3:1 | INCH | |
| TITLE | | |
| HEADER, RA, CLOSED ENDS ASSY, 5.00 [.197"] CNTRS | | |
| MOLEX INCORPORATED | | |
| DOCUMENT NO. | SHEET NO. | |
| SD-39870-002 | 1 OF 2 | |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | |

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| MATERIAL NO. (STANDARD) BLACK INSULATOR | MATERIAL NO. (-G30 OPTION) BLACK INSULATOR | MATERIAL NO. (-GRN OPTION) GREEN INSULATOR | MATERIAL NO. (-10A OPTION) BLACK INSULATOR | MATERIAL NO. (-11A OPTION) BLACK INSULATOR | NUMBER OF CIRCUITS "XX" | DIM. "A" ±.015 | DIM. "B" | DIM. "C" ±.005 -.012 |
|---|--|--|--|--|----------------------------|-------------------|----------------|----------------------------|
| 398700702 | 398710702 | 398702702 | 398720702 | 398730702 | 02 | 11.30 [.445] | 5.00 [.197] | 10.34 [.407] |
| 398700703 | 398710703 | 398702703 | 398720703 | 398730703 | 03 | 16.31 [.642] | 10.01 [.394] | 15.34 [.604] |
| 398700704 | 398710704 | 398702704 | 398720704 | 398730704 | 04 | 21.31 [.839] | 15.01 [.591] | 20.35 [.801] |
| 398700705 | 398710705 | 398702705 | 398720705 | 398730705 | 05 | 26.31 [1.036] | 20.02 [.788] | 25.35 [.998] |
| 398700706 | 398710706 | 398702706 | 398720706 | 398730706 | 06 | 31.32 [1.233] | 25.02 [.985] | 30.35 [1.195] |
| 398700707 | 398710707 | 398702707 | 398720707 | 398730707 | 07 | 36.93 [1.454] | 30.02 [1.182] | 35.36 [1.392] |
| 398700708 | 398710708 | 398702708 | 398720708 | 398730708 | 08 | 41.94 [1.651] | 35.03 [1.379] | 40.36 [1.589] |
| 398700709 | 398710709 | 398702709 | 398720709 | 398730709 | 09 | 46.94 [1.848] | 40.03 [1.576] | 45.36 [1.786] |
| 398700710 | 398710710 | 398702710 | 398720710 | 398730710 | 10 | 51.94 [2.045] | 45.03 [1.773] | 50.37 [1.983] |
| 398700711 | 398710711 | 398702711 | 398720711 | 398730711 | 11 | 56.95 [2.242] | 50.04 [1.970] | 55.37 [2.180] |
| 398700712 | 398710712 | 398702712 | 398720712 | 398730712 | 12 | 61.95 [2.439] | 55.04 [2.167] | 60.38 [2.377] |
| 398700713 | 398710713 | 398702713 | 398720713 | 398730713 | 13 | 66.95 [2.636] | 60.05 [2.364] | 65.38 [2.574] |
| 398700714 | 398710714 | 398702714 | 398720714 | 398730714 | 14 | 71.96 [2.833] | 65.05 [2.561] | 70.38 [2.771] |
| 398700715 | 398710715 | 398702715 | 398720715 | 398730715 | 15 | 76.96 [3.030] | 70.05 [2.758] | 75.39 [2.968] |
| 398700716 | 398710716 | 398702716 | 398720716 | 398730716 | 16 | 81.97 [3.227] | 80.06 [2.955] | 80.39 [3.165] |
| 398700717 | 398710717 | 398702717 | 398720717 | 398730717 | 17 | 86.97 [3.424] | 85.06 [3.152] | 85.39 [3.362] |
| 398700718 | 398710718 | 398702718 | 398720718 | 398730718 | 18 | 91.97 [3.621] | 90.07 [3.349] | 90.40 [3.559] |
| 389700719 | 389710719 | 398702719 | 398720719 | 398730719 | 19 | 96.98 [3.818] | 95.07 [3.546] | 95.40 [3.756] |
| 389700720 | 389710720 | 398702720 | 398720720 | 398730720 | 20 | 101.98 [4.015] | 100.08 [3.743] | 100.41 [3.953] |
| 398700721 | 398710721 | 398702721 | 398720721 | 398730721 | 21 | 106.98 [4.212] | 105.08 [3.940] | 105.41 [4.150] |
| 398700722 | 398710722 | 398702722 | 398720722 | 398730722 | 22 | 111.99 [4.409] | 110.08 [4.137] | 110.41 [4.347] |
| 398700723 | 398710723 | 398702723 | 398720723 | 398730723 | 23 | 116.99 [4.606] | 110.08 [4.334] | 115.42 [4.544] |
| 398700724 | 398710724 | 398702724 | 398720724 | 398730724 | 24 | 122.00 [4.803] | 115.09 [4.531] | 120.42 [4.741] |

| | | | | | | |
|--|--------------------|--|--|--|--|---|
| SEE SHEET 1 EEC NO: ETC2006-0436 2006/05/16 DRAWN: C.YORK 2006/05/17 CHKD: RDEROSS 2006/05/19 APPR: RDEROSS | DESCRIPTION REV | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .01 1 PLACE ± 0.3 ± --- ANGULAR ± 2 ° | DIMENSION STYLE MM/IN DRAWN BY C. YORK DATE 2003/08/07 CHECKED BY R. KEMP DATE 2003/08/07 APPROVED BY P. WALTZ DATE 2003/08/07 | DIMENSION STYLE MM/IN SCALE 3:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION | TITLE HEADER, RA, CLOSED ENDS ASSY, 5.00 [.197"] CNTRS |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | MATERIAL NO. SEE CHART SIZE B THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | MOLEX MOLEX INCORPORATED DOCUMENT NO. SD-39870-002 SHEET NO. 2 OF 2 | | |