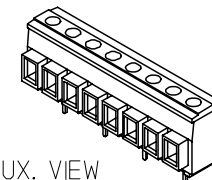


13 12 11 10 9 8 7 6 5 4 3 2 1

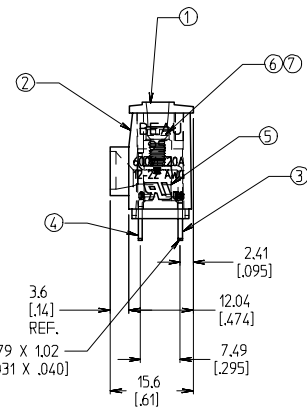
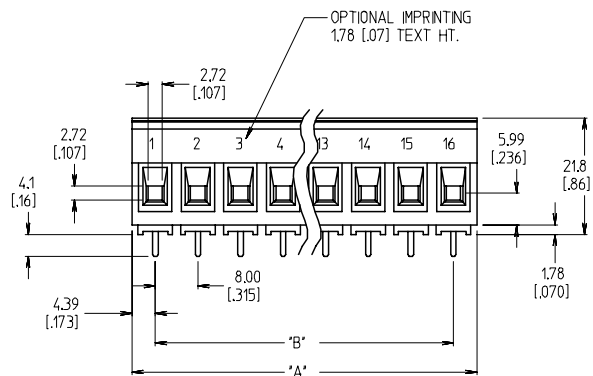
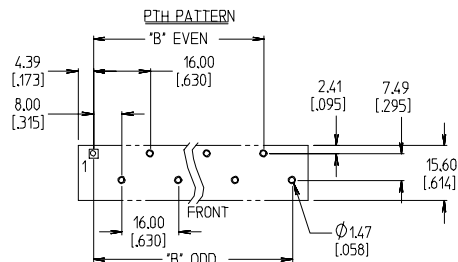
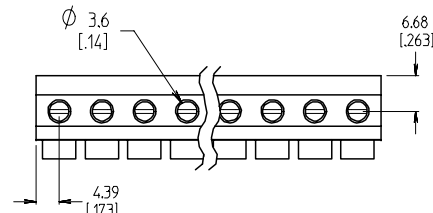
| NO. OF<br>CIRCUITS | DIM. "A" |      | DIM. "B" |       | ASSEMBLY<br>MATERIAL NO.<br>(STANDARD) | ASSEMBLY<br>MATERIAL NO.<br>(-49 OPT) | ASSEMBLY<br>MATERIAL NO.<br>(-10A OPT) | MATERIAL NO.<br>WITH CAGES<br>CLOSED<br>(SEE NOTE 10) | FRONT<br>TERMINAL<br>QTY. | REAR<br>TERMINAL<br>QTY. |
|--------------------|----------|------|----------|-------|----------------------------------------|---------------------------------------|----------------------------------------|-------------------------------------------------------|---------------------------|--------------------------|
|                    | mm       | in   | mm       | in    |                                        |                                       |                                        |                                                       |                           |                          |
| 03                 | 24.8     | 0.98 | 16.00    | 0.630 | 399500103                              | 399540103                             | 399520103                              | 399590007                                             | 1                         | 2                        |
| 04                 | 32.8     | 1.29 | 24.00    | 0.945 | 399500104                              | 399540104                             | 399520104                              |                                                       | 2                         | 2                        |
| 05                 | 40.8     | 1.61 | 32.00    | 1.260 | 399500105                              | 399540105                             | 399520105                              |                                                       | 2                         | 3                        |
| 06                 | 48.8     | 1.92 | 40.00    | 1.575 | 399500106                              | 399540106                             | 399520106                              |                                                       | 3                         | 3                        |
| 07                 | 56.8     | 2.24 | 48.00    | 1.890 | 399500107                              | 399540107                             | 399520107                              |                                                       | 3                         | 4                        |
| 08                 | 64.8     | 2.55 | 56.00    | 2.205 | 399500108                              | 399540108                             | 399520108                              |                                                       | 4                         | 4                        |
| 09                 | 72.8     | 2.87 | 64.00    | 2.520 | 399500109                              | 399540109                             | 399520109                              |                                                       | 4                         | 5                        |
| 10                 | 80.8     | 3.18 | 72.00    | 2.835 | 399500110                              | 399540110                             | 399520110                              |                                                       | 5                         | 5                        |
| 11                 | 88.8     | 3.50 | 80.00    | 3.150 | 399500111                              | 399540111                             | 399520111                              |                                                       | 5                         | 6                        |
| 12                 | 96.8     | 3.81 | 88.00    | 3.465 | 399500112                              | 399540112                             | 399520112                              |                                                       | 6                         | 6                        |
| 13                 | 104.8    | 4.13 | 96.00    | 3.780 | 399500113                              | 399540113                             | 399520113                              |                                                       | 6                         | 7                        |
| 14                 | 112.8    | 4.44 | 104.00   | 4.094 | 399500114                              | 399540114                             | 399520114                              |                                                       | 7                         | 7                        |
| 15                 | 120.8    | 4.76 | 112.00   | 4.409 | 399500115                              | 399540115                             | 399520115                              |                                                       | 7                         | 8                        |
| 16                 | 128.8    | 5.07 | 120.00   | 4.724 | 399500116                              | 399540116                             | 399520116                              |                                                       | 8                         | 8                        |

(H)

(H)



AUX. VIEW  
SCALE 1:1



NOTES:

1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. INCH DMS ARE SHOWN IN BRACKETS [XXX].
4. "XX" REFER TO THE NUMBER OF CIRCUITS.
5. ALL CREEP DISTANCES FOR UL 1059, CLASS C, 600V GENERAL INDUSTRIAL
6. FOR USE WITH #22-#12 AWG SLD AND STRANDED WIRES
7. TORQUE RATING IS 5 IN-LB, MAX.
8. PRODUCT PERFORMANCE SPECIFICATION PPS.95.001
9. ASSEMBLY IS ROHS COMPLIANT.
10. THIS ASSEMBLY USES ITEM 6 SCREW AND IS SHIPPED WITH SCREWS DRIVEN DOWN FULLY TO CLOSE THE CAGE CLAMPS.

| ITEM | QTY.      | DESCRIPTION                 | MATERIAL     | FINISH             |
|------|-----------|-----------------------------|--------------|--------------------|
| 7    | 'XX'      | SCREW, M3 X 0.5, -49 OPTION | PHOS. BRONZE | TIN PLATE          |
| 6    | 'XX'      | SCREW, M3 X 0.5, STD.       | STEEL        | ZN. CLEAR CHROMATE |
| 5    | 'XX'      | CAGE CLAMP                  | BRASS        | NICKEL PLATE       |
| 4    | SEE CHART | FRONT TERMINAL              | RED BRASS    | TIN PLATE          |
| 3    | SEE CHART | REAR TERMINAL               | RED BRASS    | TIN PLATE          |
| 2    | 1         | BODY                        | PBT          | BLACK              |
| 1    | 1         | CAP                         | PBT          | BLACK              |

|                                                                                                                                       |                                   |             |                                                            |        |                          |                                                                                                                                  |                    |                          |                        |                                                         |           |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------|------------------------------------------------------------|--------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------|------------------------|---------------------------------------------------------|-----------|--|--|
| ADD MATERIAL NO.<br>EC NO: ETC2007-0218<br>2006/12/01<br>DRW: NCLYORK<br>CHKD: IMACNEIL<br>2006/12/04<br>APPR: IMACNEIL<br>2006/12/06 | QUALITY SYMBOLS<br><br>▽=0<br>▽=0 | DESCRIPTION | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |        | DIMENSION STYLE<br>MM/IN |                                                                                                                                  | SCALE<br>3:2       | DESIGN UNITS<br>INCH     | THIRD ANGLE PROJECTION | TITLE<br>8.00MM SR BTS, PKCT, #12<br>AWG ASY, 600V, 20A |           |  |  |
|                                                                                                                                       |                                   |             |                                                            | mm     | INCH                     | DRAWN BY<br>GHR                                                                                                                  | DATE<br>1998/10/30 | MOLEX MOLEX INCORPORATED |                        |                                                         |           |  |  |
|                                                                                                                                       |                                   |             | 4 PLACES                                                   | ± ---  | ± ---                    | CHECKED BY                                                                                                                       | DATE               |                          |                        |                                                         |           |  |  |
|                                                                                                                                       |                                   |             | 3 PLACES                                                   | ± ---  | ± .005                   | K. ATKINS                                                                                                                        | 1998/11/02         |                          |                        |                                                         |           |  |  |
|                                                                                                                                       |                                   |             | 2 PLACES                                                   | ± 0.13 | ± .01                    | APPROVED BY                                                                                                                      | DATE               |                          |                        |                                                         |           |  |  |
|                                                                                                                                       |                                   |             | 1 PLACE                                                    | ± 0.3  | ± ---                    | L. ROTHBAUS                                                                                                                      | 1998/11/02         |                          |                        |                                                         |           |  |  |
|                                                                                                                                       |                                   |             | ANGULAR ± 2 °                                              |        |                          | MATERIAL NO.                                                                                                                     |                    | DOCUMENT NO.             |                        |                                                         | SHEET NO. |  |  |
|                                                                                                                                       |                                   |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        |                          | SEE CHART                                                                                                                        |                    | SD-39950-001             |                        |                                                         | 1 OF 1    |  |  |
|                                                                                                                                       |                                   |             | SIZE                                                       |        |                          | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                          |                        |                                                         |           |  |  |