



- NOTES:
1. MATERIAL: NYLON, UL94V-0, COLOR: WHITE
  2. FINISH: 102: 0.00508/.000200 MIN TIN OVER 0.00254/.000100 MIN COPPER  
501: 0.00051/.000020 MIN GOLD OVER 0.00076/.000030 MIN NICKEL
  3. PARTS CONFORM TO PRODUCT SPECIFICATION PS-10-07.
  4. BULK PACK PER PK-4030-001.
  5. PINS MUST CONFORM TO SOLDERABILITY SPECIFICATION SMES-152.
  6. PIN PUSH OUT FORCE: 2 LBS. MIN.
  7. PARTS ARE STACKABLE END TO END AND SIDE TO SIDE ON (2.54)/.100 CENTERS.
  8. SEE SDA-4030-002 FOR CUSTOMER DEFINED OPTIONS.
  9. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

| CKTS. NO. OF | DIM. B                          | DIM. A                          |
|--------------|---------------------------------|---------------------------------|
| 2            | .100 ± .002<br>( 2.54 ± .05 )   | .190 ± .008<br>( 4.83 ± .20 )   |
| 3            | .200 ± .005<br>( 5.08 ± .13 )   | .290 ± .008<br>( 7.37 ± .20 )   |
| 4            | .300 ± .005<br>( 7.62 ± .13 )   | .390 ± .008<br>( 9.91 ± .20 )   |
| 5            | .400 ± .005<br>( 10.16 ± .13 )  | .490 ± .008<br>( 12.45 ± .20 )  |
| 6            | .500 ± .006<br>( 12.70 ± .15 )  | .590 ± .009<br>( 14.99 ± .23 )  |
| 7            | .600 ± .006<br>( 15.24 ± .15 )  | .690 ± .009<br>( 17.53 ± .23 )  |
| 8            | .700 ± .006<br>( 17.78 ± .15 )  | .790 ± .009<br>( 20.07 ± .23 )  |
| 9            | .800 ± .007<br>( 20.32 ± .18 )  | .890 ± .010<br>( 22.61 ± .25 )  |
| 10           | .900 ± .007<br>( 22.86 ± .18 )  | .990 ± .010<br>( 25.15 ± .25 )  |
| 11           | 1.000 ± .007<br>( 25.40 ± .18 ) | 1.090 ± .010<br>( 27.69 ± .25 ) |
| 12           | 1.100 ± .008<br>( 27.94 ± .20 ) | 1.190 ± .011<br>( 30.23 ± .28 ) |
| 13           | 1.200 ± .008<br>( 30.48 ± .20 ) | 1.290 ± .011<br>( 32.77 ± .28 ) |
| 14           | 1.300 ± .008<br>( 33.02 ± .20 ) | 1.390 ± .011<br>( 35.31 ± .28 ) |
| 15           | 1.400 ± .008<br>( 35.56 ± .20 ) | 1.490 ± .011<br>( 37.85 ± .28 ) |
| 16           | 1.500 ± .008<br>( 38.10 ± .20 ) | 1.590 ± .011<br>( 40.39 ± .28 ) |
| 17           | 1.600 ± .009<br>( 40.64 ± .23 ) | 1.690 ± .012<br>( 42.93 ± .30 ) |
| 18           | 1.700 ± .009<br>( 43.18 ± .23 ) | 1.790 ± .012<br>( 45.47 ± .30 ) |
| 19           | 1.800 ± .009<br>( 45.72 ± .23 ) | 1.890 ± .012<br>( 48.01 ± .30 ) |
| 20           | 1.900 ± .009<br>( 48.26 ± .23 ) | 1.990 ± .012<br>( 50.55 ± .30 ) |
| 21           | 2.000 ± .010<br>( 50.80 ± .25 ) | 2.090 ± .013<br>( 53.09 ± .33 ) |
| 22           | 2.100 ± .010<br>( 53.34 ± .25 ) | 2.190 ± .013<br>( 55.63 ± .33 ) |
| 23           | 2.200 ± .010<br>( 55.88 ± .25 ) | 2.290 ± .013<br>( 58.17 ± .33 ) |
| 24           | 2.300 ± .010<br>( 58.42 ± .25 ) | 2.390 ± .013<br>( 60.71 ± .33 ) |
| 25           | 2.400 ± .011<br>( 60.96 ± .28 ) | 2.490 ± .014<br>( 63.25 ± .36 ) |
| 26           | 2.500 ± .011<br>( 63.50 ± .28 ) | 2.590 ± .014<br>( 65.79 ± .36 ) |
| 27           | 2.600 ± .011<br>( 66.04 ± .28 ) | 2.690 ± .014<br>( 68.33 ± .36 ) |
| 28           | 2.700 ± .011<br>( 68.58 ± .28 ) | 2.790 ± .014<br>( 70.87 ± .36 ) |

|   |                                      |  |                      |                                 |                     |                     |                  |   |  |                        |  |  |  |
|---|--------------------------------------|--|----------------------|---------------------------------|---------------------|---------------------|------------------|---|--|------------------------|--|--|--|
| <b>UPDATE NOTES</b><br>DEC NO. UEP2008-007<br>DRAWN BY: 2007/10/11<br>CHKD: CHKOLSCHMIDT<br>APPR: SMITH<br>2007/10/12 | <b>QUALITY SYMBOLS</b><br>▽=0<br>▽=0 | <b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>         |                      | <b>DIMENSION STYLE</b><br>MM/IN |                     | <b>SCALE</b><br>--- |                  | <b>DESIGN UNITS</b><br>INCH   |  | THIRD ANGLE PROJECTION |  |  |  |
|   |                                      | 4 PLACES ± --- ± ---                                 | 3 PLACES ± --- ± --- | 2 PLACES ± --- ± ---            | 1 PLACE ± --- ± --- | DRAWN BY: SAMIEC    | DATE: 1988/06/10 | TITLE: KK HEADER<br>(2.54)/.100 CENTERS<br>STD CATALOG PRODUCTS   |  |                        |  |  |  |
|   |                                      | ANGULAR ±1/2°  |                      |                                 |                     | CHECKED BY: PATEL   | DATE: 1988/06/10 | APPROVED BY: LENZ<br>DATE: 1988/06/10<br>MATERIAL NO. SDA-4030<br>DOCUMENT NO. MOLEX MOLEX INCORPORATED |  |                        |  |  |  |
|   |                                      | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                      |                                 |                     | SEE CHART           |                  | SDA-4030  |  | SHEET NO. 1 OF 2       |  |  |  |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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

| ENG. NO.         | PIN NO.       | DIM. L          | DIM. X          | DIM. Z          | PACKAGE PER         | EDP NO. IN COL NO |
|------------------|---------------|-----------------|-----------------|-----------------|---------------------|-------------------|
| A-4030 -NA(102)  | 2766 -K(102)  | .560<br>(14,22) | .295<br>(7,49 ) | .135<br>(3,43 ) | PK-4030-001<br>BULK | 1                 |
| A-4030 -NA(50 I) | 2766 -K(50 I) | .560<br>(14,22) | .295<br>(7,49 ) | .135<br>(3,43 ) | PK-4030-001<br>BULK | 2                 |
| A- -             | -             | ( )             | ( )             | ( )             |                     |                   |
| A- -             | -             | ( )             | ( )             | ( )             |                     |                   |
| A- -             | -             | ( )             | ( )             | ( )             |                     |                   |
| A- -             | -             | ( )             | ( )             | ( )             |                     |                   |

| COLUMN NO. 1 |                 |             | COLUMN NO. 2 |                  |             |
|--------------|-----------------|-------------|--------------|------------------|-------------|
| EDP NO.      | ENG. NO.        | NO OF SLOTS | EDP NO.      | ENG. NO.         | NO OF SLOTS |
| 22-03-202I   | A-4030-02A(102) | 2           | 22-10-202I   | A-4030-02A(50 I) | 2           |
| 22-03-203I   | A-4030-03A(102) | 3           | 22-10-203I   | A-4030-03A(50 I) | 3           |
| 22-03-204I   | A-4030-04A(102) | 4           | 22-10-204I   | A-4030-04A(50 I) | 4           |
| 22-03-205I   | A-4030-05A(102) | 5           | 22-10-205I   | A-4030-05A(50 I) | 5           |
| 22-03-206I   | A-4030-06A(102) | 6           | 22-10-206I   | A-4030-06A(50 I) | 6           |
| 22-03-207I   | A-4030-07A(102) | 7           | 22-10-207I   | A-4030-07A(50 I) | 7           |
| 22-03-208I   | A-4030-08A(102) | 8           | 22-10-208I   | A-4030-08A(50 I) | 8           |
| 22-03-209I   | A-4030-09A(102) | 9           | 22-10-209I   | A-4030-09A(50 I) | 9           |
| 22-03-210I   | A-4030-10A(102) | 10          | 22-10-210I   | A-4030-10A(50 I) | 10          |
| 22-03-211I   | A-4030-11A(102) | 11          | 22-10-211I   | A-4030-11A(50 I) | 11          |
| 22-03-212I   | A-4030-12A(102) | 12          | 22-10-212I   | A-4030-12A(50 I) | 12          |
| 22-03-213I   | A-4030-13A(102) | 13          | 22-10-213I   | A-4030-13A(50 I) | 13          |
| 22-03-214I   | A-4030-14A(102) | 14          | 22-10-214I   | A-4030-14A(50 I) | 14          |
| 22-03-215I   | A-4030-15A(102) | 15          | 22-10-215I   | A-4030-15A(50 I) | 15          |
| 22-03-216I   | A-4030-16A(102) | 16          | 22-10-216I   | A-4030-16A(50 I) | 16          |
| 22-03-217I   | A-4030-17A(102) | 17          | 22-10-217I   | A-4030-17A(50 I) | 17          |
| 22-03-218I   | A-4030-18A(102) | 18          | 22-10-218I   | A-4030-18A(50 I) | 18          |
| 22-03-219I   | A-4030-19A(102) | 19          | 22-10-219I   | A-4030-19A(50 I) | 19          |
| 22-03-220I   | A-4030-20A(102) | 20          | 22-10-220I   | A-4030-20A(50 I) | 20          |
| 22-03-221I   | A-4030-21A(102) | 21          | 22-10-221I   | A-4030-21A(50 I) | 21          |
| 22-03-222I   | A-4030-22A(102) | 22          | 22-10-222I   | A-4030-22A(50 I) | 22          |
| 22-03-223I   | A-4030-23A(102) | 23          | 22-10-223I   | A-4030-23A(50 I) | 23          |
| 22-03-224I   | A-4030-24A(102) | 24          | 22-10-224I   | A-4030-24A(50 I) | 24          |
| 22-03-225I   | A-4030-25A(102) | 25          | 22-10-225I   | A-4030-25A(50 I) | 25          |
| 22-03-226I   | A-4030-26A(102) | 26          | 22-10-226I   | A-4030-26A(50 I) | 26          |
| 22-03-227I   | A-4030-27A(102) | 27          | 22-10-227I   | A-4030-27A(50 I) | 27          |
| 22-03-228I   | A-4030-28A(102) | 28          | 22-10-228I   | A-4030-28A(50 I) | 28          |

| COLUMN NO. 1 |                 |             | COLUMN NO. 2 |                  |             |
|--------------|-----------------|-------------|--------------|------------------|-------------|
| EDP NO.      | ENG. NO.        | NO OF SLOTS | EDP NO.      | ENG. NO.         | NO OF SLOTS |
| 22-03-202I   | A-4030-02A(102) | 2           | 22-10-202I   | A-4030-02A(50 I) | 2           |
| 22-03-203I   | A-4030-03A(102) | 3           | 22-10-203I   | A-4030-03A(50 I) | 3           |
| 22-03-204I   | A-4030-04A(102) | 4           | 22-10-204I   | A-4030-04A(50 I) | 4           |
| 22-03-205I   | A-4030-05A(102) | 5           | 22-10-205I   | A-4030-05A(50 I) | 5           |
| 22-03-206I   | A-4030-06A(102) | 6           | 22-10-206I   | A-4030-06A(50 I) | 6           |
| 22-03-207I   | A-4030-07A(102) | 7           | 22-10-207I   | A-4030-07A(50 I) | 7           |
| 22-03-208I   | A-4030-08A(102) | 8           | 22-10-208I   | A-4030-08A(50 I) | 8           |
| 22-03-209I   | A-4030-09A(102) | 9           | 22-10-209I   | A-4030-09A(50 I) | 9           |
| 22-03-210I   | A-4030-10A(102) | 10          | 22-10-210I   | A-4030-10A(50 I) | 10          |
| 22-03-211I   | A-4030-11A(102) | 11          | 22-10-211I   | A-4030-11A(50 I) | 11          |
| 22-03-212I   | A-4030-12A(102) | 12          | 22-10-212I   | A-4030-12A(50 I) | 12          |
| 22-03-213I   | A-4030-13A(102) | 13          | 22-10-213I   | A-4030-13A(50 I) | 13          |
| 22-03-214I   | A-4030-14A(102) | 14          | 22-10-214I   | A-4030-14A(50 I) | 14          |
| 22-03-215I   | A-4030-15A(102) | 15          | 22-10-215I   | A-4030-15A(50 I) | 15          |
| 22-03-216I   | A-4030-16A(102) | 16          | 22-10-216I   | A-4030-16A(50 I) | 16          |
| 22-03-217I   | A-4030-17A(102) | 17          | 22-10-217I   | A-4030-17A(50 I) | 17          |
| 22-03-218I   | A-4030-18A(102) | 18          | 22-10-218I   | A-4030-18A(50 I) | 18          |
| 22-03-219I   | A-4030-19A(102) | 19          | 22-10-219I   | A-4030-19A(50 I) | 19          |
| 22-03-220I   | A-4030-20A(102) | 20          | 22-10-220I   | A-4030-20A(50 I) | 20          |
| 22-03-221I   | A-4030-21A(102) | 21          | 22-10-221I   | A-4030-21A(50 I) | 21          |
| 22-03-222I   | A-4030-22A(102) | 22          | 22-10-222I   | A-4030-22A(50 I) | 22          |
| 22-03-223I   | A-4030-23A(102) | 23          | 22-10-223I   | A-4030-23A(50 I) | 23          |
| 22-03-224I   | A-4030-24A(102) | 24          | 22-10-224I   | A-4030-24A(50 I) | 24          |
| 22-03-225I   | A-4030-25A(102) | 25          | 22-10-225I   | A-4030-25A(50 I) | 25          |
| 22-03-226I   | A-4030-26A(102) | 26          | 22-10-226I   | A-4030-26A(50 I) | 26          |
| 22-03-227I   | A-4030-27A(102) | 27          | 22-10-227I   | A-4030-27A(50 I) | 27          |
| 22-03-228I   | A-4030-28A(102) | 28          | 22-10-228I   | A-4030-28A(50 I) | 28          |

|  |                               |  |  |   |   |   |
|--|-------------------------------|--|--|---|---|---|
| <b>UPDATE TITLE BLOCK</b><br>DEC NO. UCP2008-0077<br>2007/10/11<br>DRAWN BY: CHKOLSCHMIDT<br>2007/10/11<br>APPR: SMITH<br>2007/10/12 | 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 ±1/2° |  | DIMENSION STYLE<br>IN/MM<br>DRAWN BY: SAMIEC DATE: 1993/07/15<br>CHECKED BY: PATEL DATE: 1993/07/15<br>APPROVED BY: LENZ DATE: 1993/07/15 | SCALE --- INCH<br>DESIGN UNITS INCH<br>THIRD ANGLE PROJECTION | TITLE<br>KK HEADER<br>(2.54)/.100 CENTERS<br>STD CATALOG PRODUCTS |
|  |                               | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS   |  | MATERIAL NO. SEE CHART<br>DOCUMENT NO. SDA-4030   | MOLEX INCORPORATED  | SHEET NO. 2 OF 2  |
|  |                               | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION                            |  |   |   |   |
|  |                               | SIZE C   |  |   |   |   |

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