

# NOTES:

## 1) MATERIAL:

"BLANK" = NYLON 6/6, UNFILLED UL94V-2, COLOR: NATURAL.

"BL" = NYLON 6/6, UNFILLED UL94V-2, COLOR: BLACK.

"RE" = NYLON 6/6, UNFILLED UL94V-2, COLOR: RED.

"YE" = NYLON 6/6, UNFILLED UL94V-2, COLOR: YELLOW

"GRE" = NYLON 6/6, UNFILLED UL94V-2, COLOR: GREEN.

"210" = NYLON 6/6, UNFILLED UL94V-0, COLOR: NATURAL.

"225" = NYLON 6, UNFILLED UL94V-0, COLOR: BLACK, IEC 60335-1, 4th EDITION  
GLOW WIRE CAPABLE.

"400" = NYLON 6/6, UNFILLED UL94V-0, COLOR: BLACK.

## 2) FINISH: NOT APPLICABLE

## 3) PRODUCT SPECIFICATION: PS-5556-001

## 4) PACKAGING: BULK

## 5) PART MATES WITH MOLEX PLUG #5559 AND HEADERS #5566, #5569.

## 6) PART TO BE USED WITH MOLEX FEMALE TERMINAL #5556.

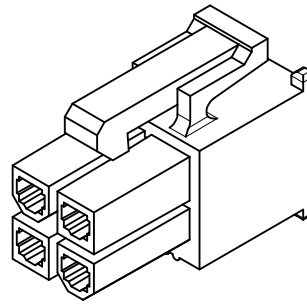
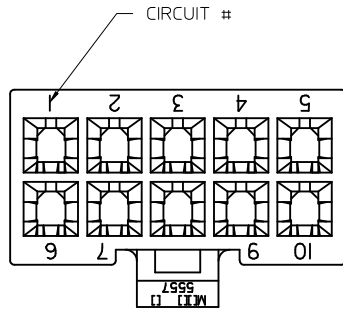
## 7) PART IS NOT DESIGNED FOR CURRENT SHARING.

## 8) CONNECTORS ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.

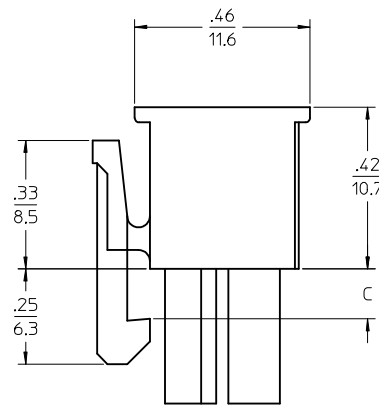
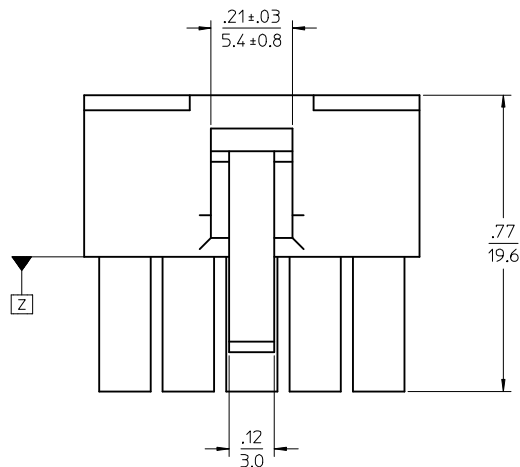
## 9) WIRES ARE TO BE DRESSED IN SUCH A MANNER TO ALLOW THE TERMINALS TO FLOAT FREELY IN THE POCKET.

## 10) PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002 WITH THE EXCEPTION OF DISCOLORATION, FLASH AND SINK MEET CLASS "C" REQUIREMENTS.

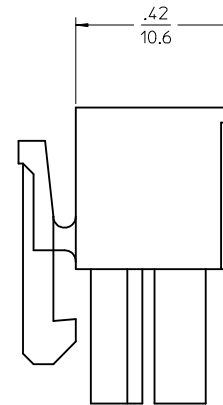
△ TO BE MEASURED AT SURFACE □



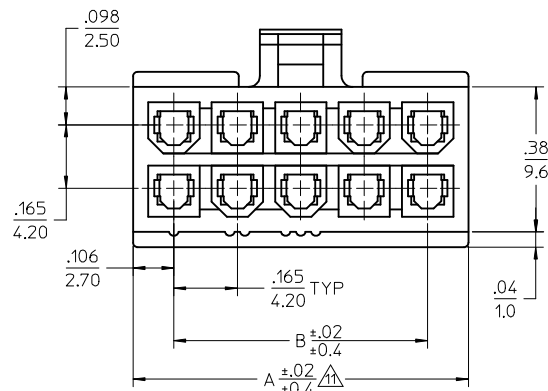
4 CKT SHOWN



4-24 CKT

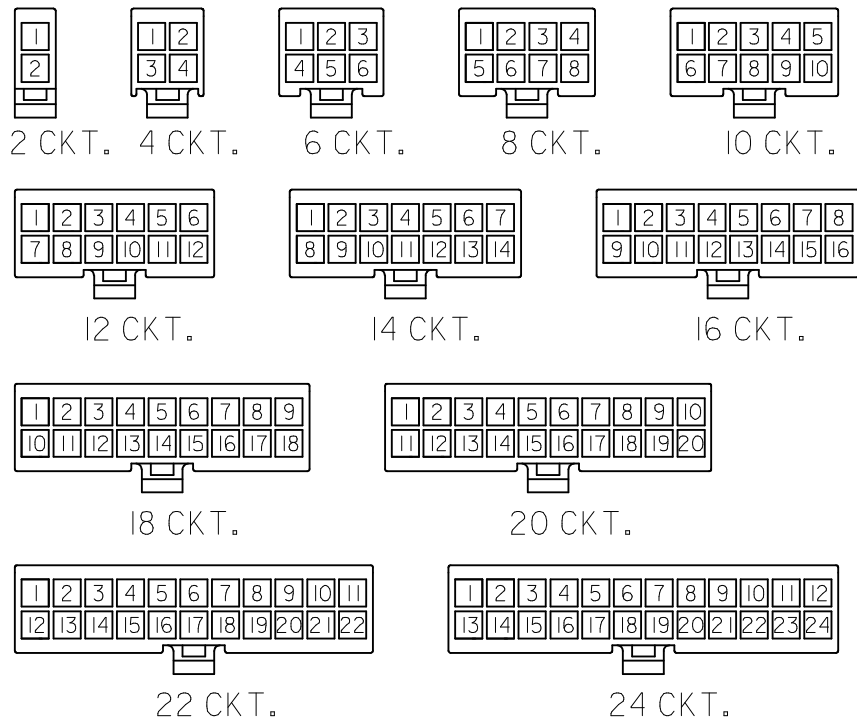


2 CKT ONLY



|               |               |        |                 |
|---------------|---------------|--------|-----------------|
| 2.031/(51.60) | 1.819/(46.20) |        | 24              |
| 1.866/(47.40) | 1.654/(42.00) |        | 22              |
| 1.701/(43.20) | 1.488/(37.80) | .142/  | 20              |
| 1.535/(39.00) | 1.323/(33.60) | (3.60) | 18              |
| 1.370/(34.80) | 1.157/(29.40) |        | 16              |
| 1.205/(30.60) | 0.992/(25.20) |        | 14              |
| 1.039/(26.40) | 0.827/(21.00) |        | 12              |
| 0.874/(22.20) | 0.661/(16.80) |        | 10              |
| 0.709/(18.00) | 0.496/(12.60) | .129/  | 8               |
| 0.543/(13.80) | 0.331/(8.40)  | (3.30) | 6               |
| 0.378/(9.60)  | 0.165/(4.20)  |        | 4               |
| 0.213/(5.40)  |               |        | 2               |
| A             | B             | C      | NO. OF<br>CKTS. |

|                                                                                                                            |             |                                      |                                                            |        |        |                          |            |              |                        |                        |                                                                                                                                                                                                                 |  |
|----------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------|------------------------------------------------------------|--------|--------|--------------------------|------------|--------------|------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| UPDATE NOTE 1<br>EC NO: UCP2012-3041<br>DRW: NGUYEN 2012/06/28<br>CHKD: JBELL 2012/06/28<br>APPR: FSMITH 2012/07/03<br>J11 | DESCRIPTION | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |        |        | DIMENSION STYLE<br>IN/MM |            | SCALE<br>4:1 | DESIGN UNITS<br>METRIC | THIRD ANGLE PROJECTION | NEW MINI FIT CONN<br>REC. HOUSING<br><br>MOLEX INCORPORATED<br>SD-5557-003<br><br>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |
|                                                                                                                            |             |                                      | mm                                                         |        | INCH   |                          | DRAWN BY   | DATE         | TITLE                  |                        |                                                                                                                                                                                                                 |  |
|                                                                                                                            |             |                                      | 4 PLACES                                                   | ± --   | ± ---  | S. MOCHIZUKI             | '90/02/22  |              |                        |                        |                                                                                                                                                                                                                 |  |
|                                                                                                                            |             |                                      | 3 PLACES                                                   | ± --   | ± .010 | CHECKED BY               | DATE       |              |                        |                        |                                                                                                                                                                                                                 |  |
|                                                                                                                            |             |                                      | 2 PLACES                                                   | ± 0.25 | ± .015 | M. FUKUSHIMA             | '97/01/08  |              |                        |                        |                                                                                                                                                                                                                 |  |
|                                                                                                                            |             |                                      | 1 PLACE                                                    | ± 0.38 | ± ---  | APPROVED BY              | DATE       |              |                        |                        |                                                                                                                                                                                                                 |  |
|                                                                                                                            |             |                                      | ANGULAR ± 3 °                                              |        |        | FSMITH                   | 2011/02/21 |              |                        |                        |                                                                                                                                                                                                                 |  |
|                                                                                                                            |             |                                      | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        |        | MATERIAL NO.             |            | DOCUMENT NO. |                        | SHEET NO.              |                                                                                                                                                                                                                 |  |
|                                                                                                                            |             |                                      |                                                            |        |        | SEE CHART                |            | SD-5557-003  |                        | 1 OF 2                 |                                                                                                                                                                                                                 |  |
|                                                                                                                            |             |                                      |                                                            |        |        |                          |            |              |                        |                        |                                                                                                                                                                                                                 |  |



CIRCUIT SIZE LAYOUT  
(NOT TO SCALE)

| V-0 GLOW WIRE<br>(BLACK) |              |                 |
|--------------------------|--------------|-----------------|
| 50-36-1667               | 5557-24R-225 | 24              |
| 26-01-3167               | 5557-22R-225 | 22              |
| * 26-01-3166             | 5557-20R-225 | 20              |
| 50-36-1668               | 5557-18R-225 | 18              |
| 50-36-1669               | 5557-16R-225 | 16              |
| 50-36-2293               | 5557-14R-225 | 14              |
| 50-36-1674               | 5557-12R-225 | 12              |
| 50-36-1671               | 5557-10R-225 | 10              |
| 50-36-1713               | 5557-08R-225 | 8               |
| 50-36-1672               | 5557-06R-225 | 6               |
| 50-30-4461               | 5557-04R-225 | 4               |
| 50-36-1673               | 5557-02R-225 | 2               |
| EDP. NO.                 | ENG. NO.     | NO. OF<br>CKTS. |

| V-0<br>(BLACK) |              |                 | V-0<br>(NATURAL) |              |                 |
|----------------|--------------|-----------------|------------------|--------------|-----------------|
| 39-03-9242     | 5557-24R-400 | 24              | 39-01-2245       | 5557-24R-210 | 24              |
| 39-03-9222     | 5557-22R-400 | 22              | 39-01-2225       | 5557-22R-210 | 22              |
| 39-03-9202     | 5557-20R-400 | 20              | 39-01-2205       | 5557-20R-210 | 20              |
| 39-03-9182     | 5557-18R-400 | 18              | 39-01-2185       | 5557-18R-210 | 18              |
| 39-03-9162     | 5557-16R-400 | 16              | 39-01-2165       | 5557-16R-210 | 16              |
| 39-03-9142     | 5557-14R-400 | 14              | 39-01-2145       | 5557-14R-210 | 14              |
| 39-03-9122     | 5557-12R-400 | 12              | 39-01-2125       | 5557-12R-210 | 12              |
| 39-03-9102     | 5557-10R-400 | 10              | 39-01-2105       | 5557-10R-210 | 10              |
| 39-03-9082     | 5557-08R-400 | 8               | 39-01-2085       | 5557-08R-210 | 8               |
| 39-03-9062     | 5557-06R-400 | 6               | 39-01-2065       | 5557-06R-210 | 6               |
| 39-03-9042     | 5557-04R-400 | 4               | 39-01-2045       | 5557-04R-210 | 4               |
| 39-03-9022     | 5557-02R-400 | 2               | 39-01-2025       | 5557-02R-210 | 2               |
| EDP. NO.       | ENG. NO.     | NO. OF<br>CKTS. | EDP. NO.         | ENG. NO.     | NO. OF<br>CKTS. |

\* = CONSULT FACTORY FOR AVAILABILITY.

| V-2<br>(GREEN) |            |              |                 |   | V-2<br>(YELLOW) |             |                 |   |            | V-2<br>(RED) |                 |            |             |          | V-2<br>(BLACK)  |            |          |          |                 | V-2<br>(NATURAL) |  |  |  |
|----------------|------------|--------------|-----------------|---|-----------------|-------------|-----------------|---|------------|--------------|-----------------|------------|-------------|----------|-----------------|------------|----------|----------|-----------------|------------------|--|--|--|
|                |            |              | 24              |   |                 |             | 24              | - | -          | 24           | *               | 39-01-3245 | 5557-24R-BL | 24       |                 | 39-01-2240 | 5557-24R | 24       |                 |                  |  |  |  |
|                |            |              | 22              |   |                 |             | 22              | - | -          | 22           |                 | 39-01-3225 | 5557-22R-BL | 22       |                 | 39-01-2220 | 5557-22R | 22       |                 |                  |  |  |  |
|                |            |              | 20              |   |                 |             | 20              | - | -          | 20           | *               | 39-01-3205 | 5557-20R-BL | 20       |                 | 39-01-2200 | 5557-20R | 20       |                 |                  |  |  |  |
|                |            |              | 18              |   |                 |             | 18              | - | -          | 18           | *               | 39-01-3185 | 5557-18R-BL | 18       |                 | 39-01-2180 | 5557-18R | 18       |                 |                  |  |  |  |
|                |            |              | 16              |   |                 |             | 16              | - | -          | 16           | *               | 39-01-3165 | 5557-16R-BL | 16       |                 | 39-01-2160 | 5557-16R | 16       |                 |                  |  |  |  |
|                |            |              | 14              |   |                 |             | 14              | - | -          | 14           |                 | 39-01-3145 | 5557-14R-BL | 14       |                 | 39-01-2140 | 5557-14R | 14       |                 |                  |  |  |  |
|                |            |              | 12              |   |                 |             | 12              | - | -          | 12           |                 | 39-01-3125 | 5557-12R-BL | 12       |                 | 39-01-2120 | 5557-12R | 12       |                 |                  |  |  |  |
|                |            |              | 10              |   |                 |             | 10              | - | -          | 10           |                 | 39-01-3105 | 5557-10R-BL | 10       |                 | 39-01-2100 | 5557-10R | 10       |                 |                  |  |  |  |
|                |            |              | 8               |   |                 |             | 8               | - | -          | 8            |                 | 39-01-3085 | 5557-08R-BL | 8        |                 | 39-01-2080 | 5557-08R | 8        |                 |                  |  |  |  |
| *              | 39-02-7069 | 5557-06R-GRE | 6               | * | 39-02-8061      | 5557-06R-YE | 6               | - | -          | 6            |                 | 39-01-3065 | 5557-06R-BL | 6        |                 | 39-01-2060 | 5557-06R | 6        |                 |                  |  |  |  |
|                |            |              | 4               | * | 39-02-8041      | 5557-04R-YE | 4               | * | 39-02-8040 | 5557-04R-RE  | 4               | 39-01-3045 | 5557-04R-BL | 4        |                 | 39-01-2040 | 5557-04R | 4        |                 |                  |  |  |  |
| *              | 39-02-7029 | 5557-02R-GRE | 2               | * | 39-02-8021      | 5557-02R-YE | 2               | - | -          | 2            |                 | 39-01-3025 | 5557-02R-BL | 2        |                 | 39-01-2020 | 5557-02R | 2        |                 |                  |  |  |  |
|                | EDP. NO.   | ENG. NO.     | NO. OF<br>CKTS. |   | EDP. NO.        | ENG. NO.    | NO. OF<br>CKTS. |   | EDP. NO.   | ENG. NO.     | NO. OF<br>CKTS. |            | EDP. NO.    | ENG. NO. | NO. OF<br>CKTS. |            | EDP. NO. | ENG. NO. | NO. OF<br>CKTS. |                  |  |  |  |

LEGEND

5557-\*\*R - \*

CIRCUIT SIZE

RECEPTACLE

MATERIAL  
(SEE NOTE 1)

SEE SHEET 1  
EC NO: UCP2012-3041  
DRAWN BY: 2012/06/28  
CHKD: JIBELL  
APPR: FSMITH  
2012/07/03

REV  
J11

QUALITY  
SYMBOLS  
▽=0  
▽=0  
▽=0

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

|          | mm     | INCH   |
|----------|--------|--------|
| 4 PLACES | ± .--  | ± .--- |
| 3 PLACES | ± .--  | ± .010 |
| 2 PLACES | ± 0.25 | ± .015 |
| 1 PLACE  | ± 0.38 | ± .--- |

ANGULAR ± 3 °

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE  
IN/MM

DRAWN BY  
S. MOCHIZUKI

DATE  
'90/02/22

CHECKED BY  
M. FUKUSHIMA

DATE  
'97/01/08

APPROVED BY  
FSMITH

DATE  
2011/02/21

MATERIAL NO.  
SEE CHART

SIZE  
C

SCALE  
DESIGN UNITS  
METRIC

THIRD ANGLE  
PROJECTION

NEW MINI FIT CONN  
REC. HOUSING

MOLEX INCORPORATED

DOCUMENT NO.  
SD-5557-003

SHEET NO.  
2 OF 2

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