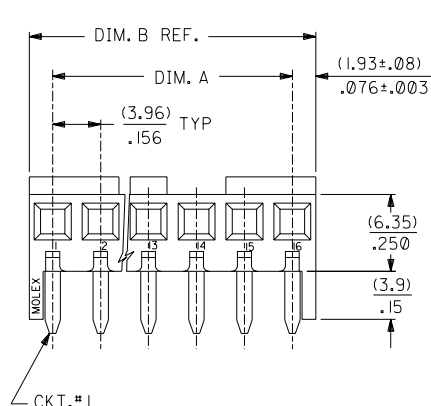
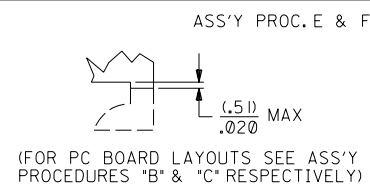
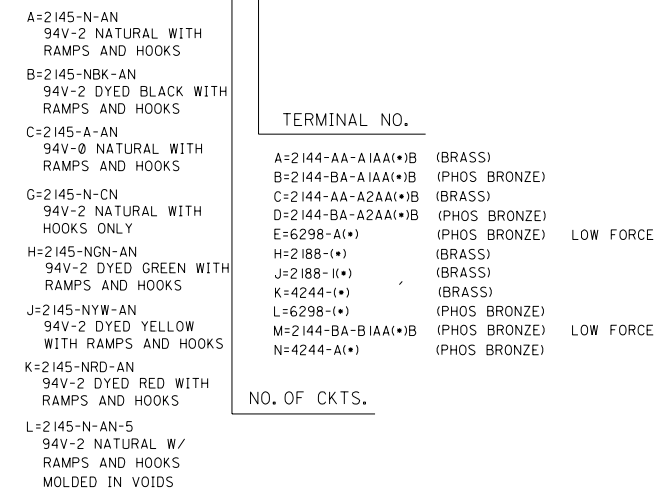
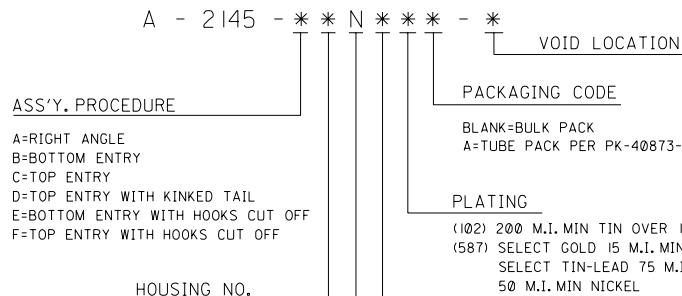




1. TERMINALS MUST CONFORM TO SOLDERABILITY SPEC. ES-152.
2. PARTS CONFORM TO PRODUCT SPEC 08-50.
3. HOUSING MATERIAL: NYLON, UL LISTED
4. "\*" PRECEDING ENG. NO. IN CHARTS DESIGNATES STANDARD PRODUCT.
5. TERMINAL TAIL CENTERLINES ARE TO BE WITHIN (.30)/.012 OF EACH OTHER.
6. FOR KINKED PIN INFORMATION SEE SMES-42329-\*\*\*.



| NO. OF<br>CKTS. | DIM. A                                | DIM. B               | KINK PIN<br>LOCATION |
|-----------------|---------------------------------------|----------------------|----------------------|
|                 |                                       |                      | (ASSY. PROC. D ONLY) |
| 2               | $(3.96 \pm .13)$<br>$.156 \pm .005$   | $(7.82)$<br>$.308$   | N/A                  |
| 3               | $(7.92 \pm .13)$<br>$.312 \pm .005$   | $(11.79)$<br>$.464$  | N/A                  |
| 4               | $(11.89 \pm .13)$<br>$.468 \pm .005$  | $(15.75)$<br>$.620$  | 1, 2<br>3, 4         |
| 5               | $(15.85 \pm .13)$<br>$.624 \pm .005$  | $(19.71)$<br>$.776$  | 2, 3<br>4, 5         |
| 6               | $(19.81 \pm .13)$<br>$.780 \pm .005$  | $(23.67)$<br>$.932$  | 2, 3<br>4, 5         |
| 7               | $(23.77 \pm .25)$<br>$.936 \pm .010$  | $(27.64)$<br>$1.088$ | 2, 3<br>5, 6         |
| 8               | $(27.74 \pm .25)$<br>$1.092 \pm .010$ | $(31.60)$<br>$1.244$ | 2, 3<br>6, 7         |
| 9               | $(31.70 \pm .25)$<br>$1.248 \pm .010$ | $(35.56)$<br>$1.400$ | 2, 3<br>7, 8         |
| 10              | $(35.66 \pm .25)$<br>$1.404 \pm .010$ | $(39.52)$<br>$1.556$ | 2, 3<br>8, 9         |
| 11              | $(39.62 \pm .25)$<br>$1.560 \pm .010$ | $(43.48)$<br>$1.712$ | 2, 3<br>9, 10        |
| 12              | $(43.59 \pm .25)$<br>$1.716 \pm .010$ | $(47.45)$<br>$1.868$ | 2, 3<br>10, 11       |
| 13              | $(47.55 \pm .25)$<br>$1.872 \pm .010$ | $(51.41)$<br>$2.024$ | 2, 3<br>11, 12       |
| 14              | $(51.51 \pm .36)$<br>$2.028 \pm .014$ | $(55.37)$<br>$2.180$ | 2, 3<br>12, 13       |
| 15              | $(55.47 \pm .36)$<br>$2.184 \pm .014$ | $(59.33)$<br>$2.336$ | 2, 3<br>13, 14       |
| 16              | $(59.44 \pm .36)$<br>$2.340 \pm .014$ | $(63.30)$<br>$2.492$ | 2, 3<br>14, 15       |

|      |     |      |   |
|------|-----|------|---|
| 20   | U   | 245  | D |
| 19   | T   |      |   |
| 18   | U7  |      |   |
| 17   | M   |      |   |
| 16   | T6  |      |   |
| 15   | T   | C    | B |
| 14   | T2  |      |   |
| 13   | U6  |      |   |
| 12   | U5  |      |   |
| 11   | R3  |      |   |
| 10   | U   | C    | B |
| 9    | T   |      |   |
| 8    | T   |      |   |
| 7    | U3  |      |   |
| 6    | U   |      |   |
| 5    | U   | B    | B |
| 4    | U   |      |   |
| 3    | U   |      |   |
| 2    | U   |      |   |
| 1    | U7  |      |   |
| MFG. | SH. | REV. |   |

FOR PC BOARD LAYOUT  
SEE ASS'Y PROCEDURE "C"

|                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                         |  |
|----------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------|--|
| DIMENSIONS SHOWN (SPECIFIED) INCH                        |  | ▽ = 0    ▼ = 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | REVISE ONLY ON CAD SYSTEM                                                                                               |  |
| UNLESS OTHERWISE SPECIFIED<br>TOLERANCES: ANGULAR = 1/2° |  | <div style="font-size: 2em; margin-bottom: 10px;">TITLE</div> <div style="font-size: 1.5em; margin-bottom: 10px;">HOUSING ASS'Y, P.C. TAIL</div> <div style="font-size: 1.2em; margin-bottom: 10px;">(3.96) .156 C</div> <div style="font-size: 1.5em; margin-bottom: 10px;">2145 SERIES DRAWING</div> <div style="font-size: 1.2em; margin-bottom: 10px;">MOLEX INCORPORATED</div> <div style="font-size: 1.2em; margin-bottom: 10px;">LYSLE, ILL.      69532      U.S.A.</div> <div style="font-size: 1.2em; margin-bottom: 10px;">SHEET NO.      DATE</div> <div style="font-size: 1.2em; margin-bottom: 10px;">1 OF 20      7 / 9 / 87</div> |  |                                                                                                                         |  |
| INCH      METRIC                                         |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                         |  |
| 3 PLACE ± .010 ---                                       |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                         |  |
| 2 PLACE ± .014 ± 0.25                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                         |  |
| 1 PLACE --- ± 0.36                                       |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                         |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                                                                         |  |
| DRWG. BY: PEREZ-ARGUETA                                  |  | CHKD. BY: PATEL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | PART NO.                                                                                                                |  |
| APP'D. BY: LENZ                                          |  | SCALE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | DRWG. NO.                                                                                                               |  |
|                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | SEE CHART      SDA-2145                                                                                                 |  |
|                                                          |  | FILE NAME: 52145X1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX, INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. |  |
|                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | DIV. C      SIZE C                                                                                                      |  |

|   |                     |    |             |    |                     |   |                |   |                |      |   |   |   |   |  |   |
|---|---------------------|----|-------------|----|---------------------|---|----------------|---|----------------|------|---|---|---|---|--|---|
|   | 13                  | 12 | 11          | 10 | 9                   | 8 | 7              | 6 |                | 2145 | 4 | 3 | 2 | 1 |  |   |
| J | ENG. NO.            |    | HOUSING NO. |    | TERMINAL NO.        |   | DIM. C         |   | EDP ON SHT/COL |      |   |   |   |   |  | J |
|   | A-2145-AANA(I02)-*  |    | 2145-N-AN   |    | 2144-AA-A IAA-I02B  |   | ( 3.68) / .145 |   | 7 / 1          |      |   |   |   |   |  |   |
|   | A-2145-AANA(I22)-*  |    | 2145-N-AN   |    | 2144-AA-A IAA-I22B  |   | ( 3.68) / .145 |   | 7 / 2          |      |   |   |   |   |  |   |
|   | A-2145-AANA(505)-*  |    | 2145-N-AN   |    | 2144-AA-A IAA-505B  |   | ( 3.68) / .145 |   | 7 / 3          |      |   |   |   |   |  |   |
|   | A-2145-AANA(507)-*  |    | 2145-N-AN   |    | 2144-AA-A IAA-507B  |   | ( 3.68) / .145 |   | 7 / 4          |      |   |   |   |   |  |   |
| I | A-2145-AANB(558)-*  |    | 2145-N-AN   |    | 2144-BA-A IAA-558B  |   | ( 3.68) / .145 |   | 8 / 1          |      |   |   |   |   |  | I |
|   | A-2145-AANA(P913)-* |    | 2145-N-AN   |    | 2144-AA-A IAA-P913B |   | ( 3.68) / .145 |   | 8 / 2          |      |   |   |   |   |  |   |
|   | A-2145-ABNA(I22)-*  |    | 2145-NBK-AN |    | 2144-AA-A IAA-I22B  |   | ( 3.68) / .145 |   | 8 / 3          |      |   |   |   |   |  |   |
|   | A-2145-ABNA(P913)-* |    | 2145-NBK-AN |    | 2144-AA-A IAA-P913B |   | ( 3.68) / .145 |   | 8 / 4          |      |   |   |   |   |  |   |
|   | A-2145-AANA(587)-*  |    | 2145-N-AN   |    | 2144-AA-A IAA-587B  |   | ( 3.68) / .145 |   | 9 / 1          |      |   |   |   |   |  |   |
|   | A-2145-AGNA(P913)-* |    | 2145-N-CN   |    | 2144-AA-A IAA-587B  |   | ( 3.68) / .145 |   | 9 / 2          |      |   |   |   |   |  |   |
| H | A-2145-BANH(I02)-*  |    | 2145-N-AN   |    | 2188-(I02)          |   | ( 4.06) / .160 |   | 9 / 3          |      |   |   |   |   |  | H |
|   | A-2145-BANH(I22)-*  |    | 2145-N-AN   |    | 2188-(I22)          |   | ( 4.06) / .160 |   | 9 / 4          |      |   |   |   |   |  |   |
|   | A-2145-BANL(P913)-* |    | 2145-N-AN   |    | 6298-(P913)         |   | ( 4.06) / .160 |   | 10 / 1         |      |   |   |   |   |  |   |
|   | A-2145-BANL(565)-*  |    | 2145-N-AN   |    | 6298-(565)          |   | ( 4.06) / .160 |   | 10 / 2         |      |   |   |   |   |  |   |
|   | A-2145-BBNH(I22)-*  |    | 2145-NBK-AN |    | 2188-(I22)          |   | ( 4.06) / .160 |   | 10 / 3         |      |   |   |   |   |  |   |
| G | A-2145-CANA(I02)-*  |    | 2145-N-AN   |    | 2144-AA-A IAA-I02B  |   | ( 3.05) / .120 |   | 10 / 4         |      |   |   |   |   |  | G |
|   | A-2145-CANA(I22)-*  |    | 2145-N-AN   |    | 2144-AA-A IAA-I22B  |   | ( 3.05) / .120 |   | 11 / 1         |      |   |   |   |   |  |   |
|   | A-2145-CANB(565)-*  |    | 2145-N-AN   |    | 2144-BA-A IAA-565B  |   | ( 3.05) / .120 |   | 11 / 2         |      |   |   |   |   |  |   |
|   | A-2145-CANC(P913)-* |    | 2145-N-AN   |    | 2144-AA-A2AA-P913B  |   | ( 4.80) / .189 |   | 11 / 3         |      |   |   |   |   |  |   |
|   | A-2145-FGNA(587)-*  |    | 2145-N-CN   |    | 2144-AA-A IAA-587B  |   | ( 3.05) / .120 |   | 11 / 4         |      |   |   |   |   |  |   |
|   | A-2145-FANA(P913)-* |    | 2145-N-AN   |    | 2144-AA-A IAA-P913B |   | ( 3.05) / .120 |   | 12 / 1         |      |   |   |   |   |  |   |
| F | A-2145-DANC(P913)-* |    | 2145-N-AN   |    | 2144-AA-A2AA-P913B  |   | ( 4.80) / .189 |   | 12 / 2         |      |   |   |   |   |  | F |
|   | A-2145-BBNH(P913)-* |    | 2145-NBK-AN |    | 2188-(P913)         |   | ( 4.06) / .160 |   | 12 / 3         |      |   |   |   |   |  |   |
|   | A-2145-CBNA(P913)-* |    | 2145-NBK-AN |    | 2144-AA-A IAA-P913B |   | ( 3.05) / .120 |   | 12 / 4         |      |   |   |   |   |  |   |
|   | A-2145-FGNA(550)-*  |    | 2145-N-CN   |    | 2144-AA-A IAA-550B  |   | ( 3.05) / .120 |   | 13 / 1         |      |   |   |   |   |  |   |
|   | A-2145-BANH(P913)-* |    | 2145-N-AN   |    | 2188-(P913)         |   | ( 4.06) / .160 |   | 13 / 2         |      |   |   |   |   |  |   |
| E | A-2145-BANH(587)-*  |    | 2145-N-AN   |    | 2188-(587)          |   | ( 4.06) / .160 |   | 13 / 3         |      |   |   |   |   |  | E |
|   | A-2145-FANA(503)-*  |    | 2145-N-AN   |    | 2144-AA-A IAA-503B  |   | ( 3.05) / .120 |   | 13 / 4         |      |   |   |   |   |  |   |
|   | A-2145-EANH(P913)-* |    | 2145-N-AN   |    | 2188-(P913)         |   | ( 4.06) / .160 |   | 14 / 1         |      |   |   |   |   |  |   |
|   | A-2145-AANK(P913)-* |    | 2145-N-AN   |    | 4244-(P913)         |   | ( 3.68) / .145 |   | 14 / 2         |      |   |   |   |   |  |   |
|   | A-2145-ABNK(P913)-* |    | 2145-NBK-AN |    | 4244-(P913)         |   | ( 3.68) / .145 |   | 14 / 3         |      |   |   |   |   |  |   |
| D | A-2145-ABNA(587)-*  |    | 2145-NBK-AN |    | 2144-AA-A IAA-587B  |   | ( 3.68) / .145 |   | 14 / 4         |      |   |   |   |   |  | D |
|   | A-2145-AANA-(I09)-* |    | 2145-N-AN   |    | 2144-AA-A IAA-I09B  |   | ( 3.68) / .145 |   | 15 / 1         |      |   |   |   |   |  |   |
|   | A-2145-CANA(P913)-* |    | 2145-N-AN   |    | 2144-AA-A IAA-P913B |   | ( 3.05) / .120 |   | 15 / 2         |      |   |   |   |   |  |   |
|   | A-2145-AANB(I22)-*  |    | 2145-N-AN   |    | 2144-BA-A IAA(I22)B |   | ( 3.68) / .145 |   | 15 / 3         |      |   |   |   |   |  |   |
|   | A-2145-BANL(I22)-*  |    | 2145-N-AN   |    | 6298-(I22)          |   | ( 4.06) / .160 |   | 15 / 4         |      |   |   |   |   |  |   |
|   | A-2145-CANB(I22)-*  |    | 2145-N-AN   |    | 2144-BA-A IAA(I22)B |   | ( 3.05) / .120 |   | 16 / 1         |      |   |   |   |   |  |   |
| C | A-2145-EGNH(P913)-* |    | 2145-N-CN   |    | 2188-(P913)         |   | ( 4.06) / .160 |   | 16 / 2         |      |   |   |   |   |  | C |
|   | A-2145-FGNA(P913)-* |    | 2145-N-CN   |    | 2144-AA-A IAA-P913B |   | ( 3.05) / .120 |   | 16 / 3         |      |   |   |   |   |  |   |
|   | A-2145-CANA(587)-*  |    | 2145-N-AN   |    | 2144-AA-A IAA-587B  |   | ( 3.05) / .120 |   | 16 / 4         |      |   |   |   |   |  |   |
|   | A-2145-BHNH(I22)-*  |    | 2145-NGN-AN |    | 2188-(I22)          |   | ( 4.06) / .160 |   | 17 / 1         |      |   |   |   |   |  |   |
|   | A-2145-BJNH(I22)-*  |    | 2145-NYW-AN |    | 2188-(I22)          |   | ( 4.06) / .160 |   | 17 / 2         |      |   |   |   |   |  |   |
| B | A-2145-BKNH(I22)-*  |    | 2145-NRD-AN |    | 2188-(I22)          |   | ( 4.06) / .160 |   | 17 / 3         |      |   |   |   |   |  | B |
|   |                     |    |             |    |                     |   | /              |   | /              |      |   |   |   |   |  |   |
|   |                     |    |             |    |                     |   |                |   |                |      |   |   |   |   |  |   |
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