



[illegible]

| 13                                                                                                                            |            | 12                         |   | 11                                                                       |    | 10 |    | 9  |    | 8  |    | 7  |    | 6  |    | 5  |    | 4  |    | 3  |    | 2  |    | 1  |    |    |              |                               |           |          |  |
|-------------------------------------------------------------------------------------------------------------------------------|------------|----------------------------|---|--------------------------------------------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------------|-------------------------------|-----------|----------|--|
| ITEM NO.                                                                                                                      |            | CHARACTERISTIC DESCRIPTION |   | TERMINAL VERSION REQUIRED AT EACH CIRCUIT LOCATION: (SEE CODES AT RIGHT) |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              | TERM. CODES FOR CHART AT LEFT |           |          |  |
|                                                                                                                               |            |                            |   | 1                                                                        | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24           | TERMINAL NO.                  | PLATING / | MATERIAL |  |
| J                                                                                                                             | 43459-0035 | 10BAD                      |   | 5                                                                        | 9  | 9  | 9  | 9  | 5  | 9  | 9  | 9  | 9  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -            | I=MAKE-FIRST                  | A         | BRASS    |  |
|                                                                                                                               | 43459-0036 | 10BAE                      |   | 10                                                                       | 3  | 10 | 10 | 10 | 10 | 3  | 10 | 10 | 10 | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | ----         | ---                           | ----      |          |  |
|                                                                                                                               | 43459-0037 | 10BAE                      |   | 3                                                                        | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | 3=MAKE-FIRST | E                             | BRASS     |          |  |
|                                                                                                                               | 43459-0038 | 24AAD                      |   | 9                                                                        | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 5  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9            | ----                          | ---       | ----     |  |
| I                                                                                                                             | 43459-0039 | 14BAE                      |   | 3                                                                        | 10 | 10 | 10 | 10 | 10 | 10 | 3  | 10 | 10 | 10 | 10 | 10 | 10 | -  | -  | -  | -  | -  | -  | -  | -  | -  | 5=MAKE-FIRST | D                             | BRASS     |          |  |
|                                                                                                                               | 43459-0040 | 10AAD                      |   | 9                                                                        | 9  | 9  | 9  | 9  | 5  | 5  | 5  | 5  | 5  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | ----         | ---                           | ----      |          |  |
|                                                                                                                               | 43459-0041 | 6AAA                       | O | -                                                                        | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | ----         | ---                           | ----      |          |  |
|                                                                                                                               | 43459-0042 | 18BAE                      |   | 3                                                                        | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 10 | 10 | -  | -  | -  | -  | -  | 8=STANDARD   | A                             | BRASS     |          |  |
| H                                                                                                                             | 43459-0043 | 24AAA                      |   | 8                                                                        | 8  | 8  | 8  | 8  | 8  | 8  | -  | 1  | 1  | -  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | -  | 1  | 1  | -  | 8            | 9=STANDARD                    | D         | BRASS    |  |
|                                                                                                                               | 43459-0044 | 10BAE                      |   | 10                                                                       | 10 | 10 | 3  | 10 | 10 | 10 | 10 | 10 | 10 | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | 10=STANDARD  | E                             | BRASS     |          |  |
|                                                                                                                               | 43459-0045 | 10BAE                      |   | 10                                                                       | 3  | 3  | 10 | 10 | 3  | 10 | 10 | 10 | 10 | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  |              |                               |           |          |  |
|                                                                                                                               | 43459-0046 | 10BAE                      |   | 10                                                                       | 10 | 10 | 10 | 10 | 10 | 3  | 3  | 3  | 3  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  |              |                               |           |          |  |
| G                                                                                                                             | 43459-0047 | 24BAE                      |   | 3                                                                        | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  |              |                               |           |          |  |
|                                                                                                                               | 43459-0048 | 04BAD                      |   | 9                                                                        | 5  | 5  | 9  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  |              |                               |           |          |  |
|                                                                                                                               | 43459-0049 | 04BAE                      |   | 10                                                                       | 3  | 3  | 10 | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  |              |                               |           |          |  |
|                                                                                                                               | 43459-0050 | 18BAE                      |   | 3                                                                        | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 10 | 3  | 3  | 3  | 3  | 3  | 3  | 3  | -  | -  | -  | -  | -  | -  |              |                               |           |          |  |
| F                                                                                                                             | 43459-0052 | 24BAD                      |   | 9                                                                        | -  | 9  | -  | 9  | -  | 9  | -  | 9  | -  | 9  | -  | 9  | -  | 9  | -  | 9  | -  | 9  | -  | 9  | -  | 9  |              |                               |           |          |  |
|                                                                                                                               | 43459-0053 | 24BAE                      |   | 10                                                                       | 10 | 10 | 10 | 3  | 3  | 3  | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 3  | 3  | 3  | 10 | 10 | 10 | 10 | 10 | 10           |                               |           |          |  |
|                                                                                                                               | 43459-0054 | 24BAA                      |   | 1                                                                        | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  |              |                               |           |          |  |
| CHARACTERISTICS LEGEND:                                                                                                       |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| CIRCUIT SIZE: _____                                                                                                           |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| (02-24)                                                                                                                       |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| HOUSING MATERIAL AND OPTIONS: _____                                                                                           |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| *A*=NYLON 6/6, U.L. 94V-2, COLOR: NATURAL.                                                                                    |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| *B*=NYLON 6/6, U.L. 94V-0, COLOR: NATURAL.                                                                                    |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| TERMINAL MATERIAL: _____                                                                                                      |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| *A*=BRASS                                                                                                                     |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| TERMINAL PLATING (SEE NOTE 2): _____                                                                                          |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| *A*=.000100/(0.00254) MIN. MATTE TIN OVER .000050/(0.00127) MIN. NICKEL                                                       |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| *D*=.000100/(0.00254) MIN. BRIGHT TIN OVER .000050/(0.00127) MIN. NICKEL                                                      |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| *E*=.000030/(0.00076) MIN. SELECT GOLD AND .000100/(0.00254) MIN. SELECT                                                      |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| MATTE TIN OVER .000050/(0.00127) MIN. NICKEL OVERALL                                                                          |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| SEE SHEET 1                                                                                                                   |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| EC NO: UCP2013-0706                                                                                                           |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| DRAWN: NGUYEN                                                                                                                 |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| CHKD: J.BELL                                                                                                                  |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| APPR: F.S.MITH                                                                                                                |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| REV                                                                                                                           |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| F12                                                                                                                           |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| QUALITY SYMBOLS                                                                                                               |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                         |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| mm INCH                                                                                                                       |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| 4 PLACES ±.0005 ±.0005                                                                                                        |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| 3 PLACES ±.0005 ±.010                                                                                                         |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| 2 PLACES ±0.25 ±.014                                                                                                          |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| 1 PLACE ±0.36 ±.0005                                                                                                          |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| 0 PLACE ±.0005 ±.0005                                                                                                         |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| ANGULAR ±1/2°                                                                                                                 |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                          |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| MATERIAL NO.                                                                                                                  |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| SEE CHART                                                                                                                     |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| DOCUMENT NO.                                                                                                                  |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| SDA-43459-****                                                                                                                |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| SHEET NO.                                                                                                                     |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| 3 OF 3                                                                                                                        |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| 1b_frame_C_P_AM_T                                                                                                             |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| Rev. G 2012/01/11                                                                                                             |            |                            |   |                                                                          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |              |                               |           |          |  |
| 12                                                                                                                            |            | 11                         |   | 10                                                                       |    | 9  |    | 8  |    | 7  |    | 6  |    | 5  |    | 4  |    | 3  |    | 2  |    | 1  |    |    |    |    |              |                               |           |          |  |

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