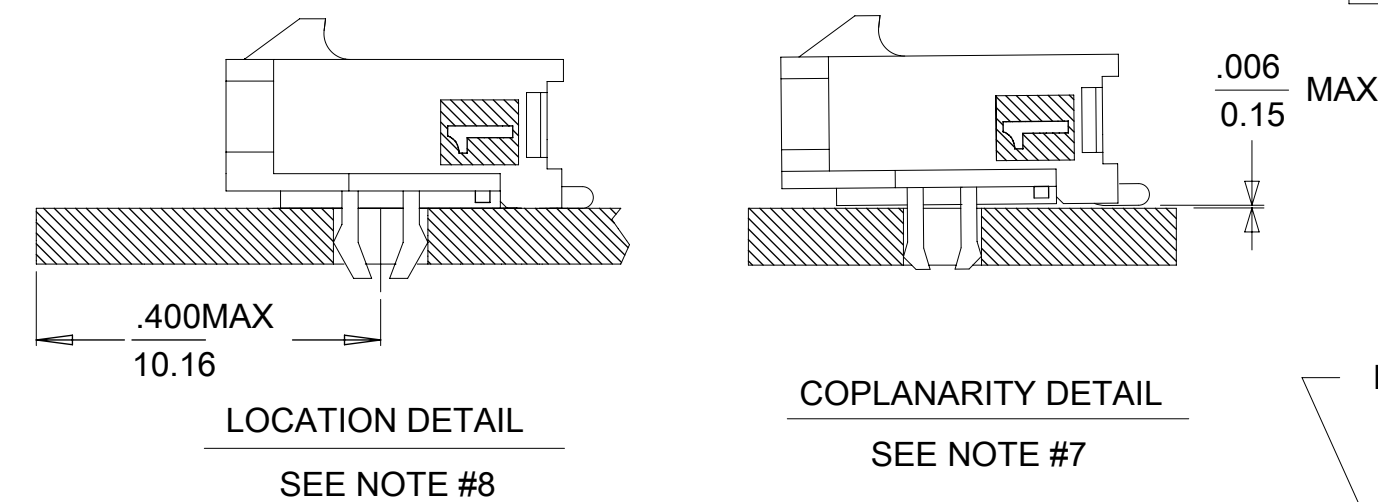
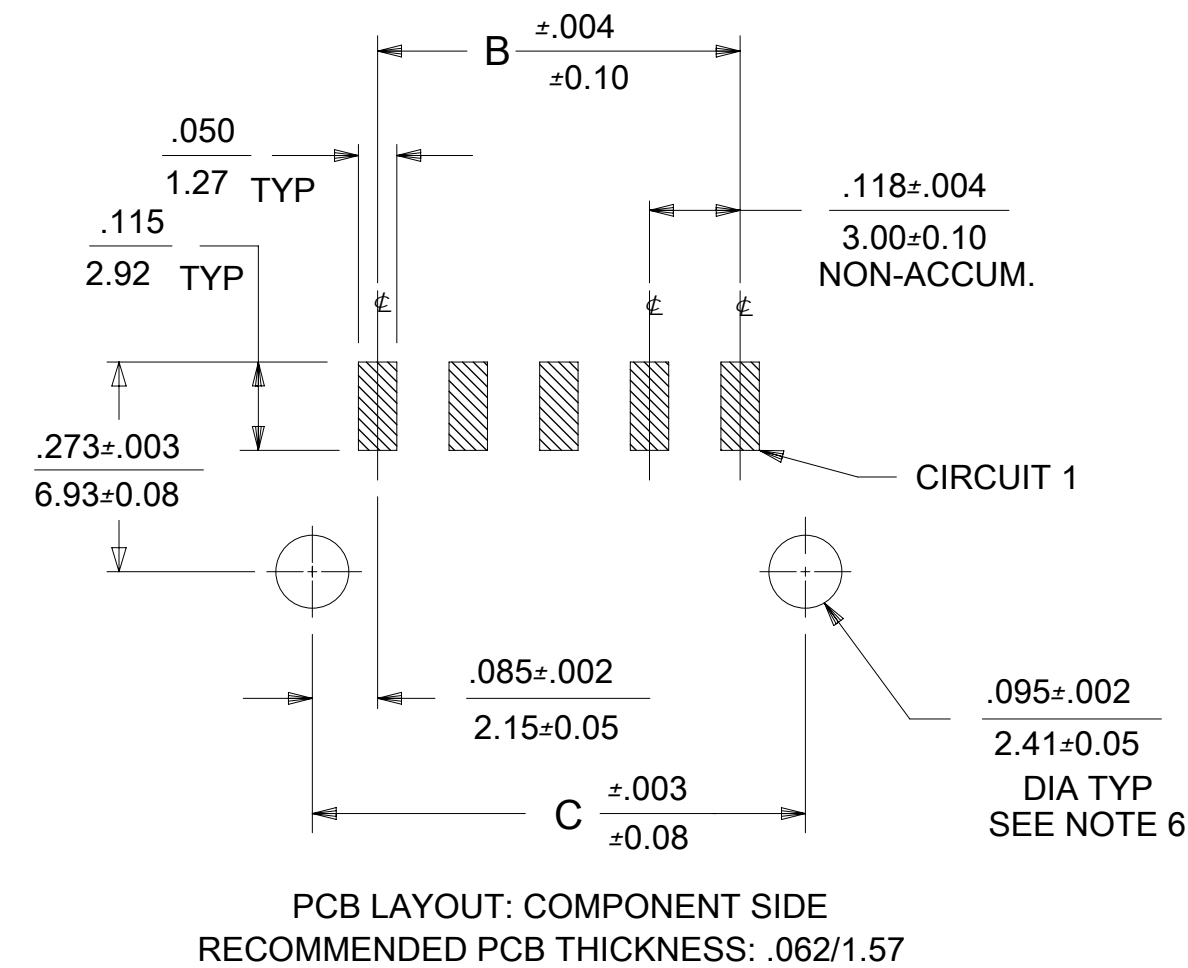
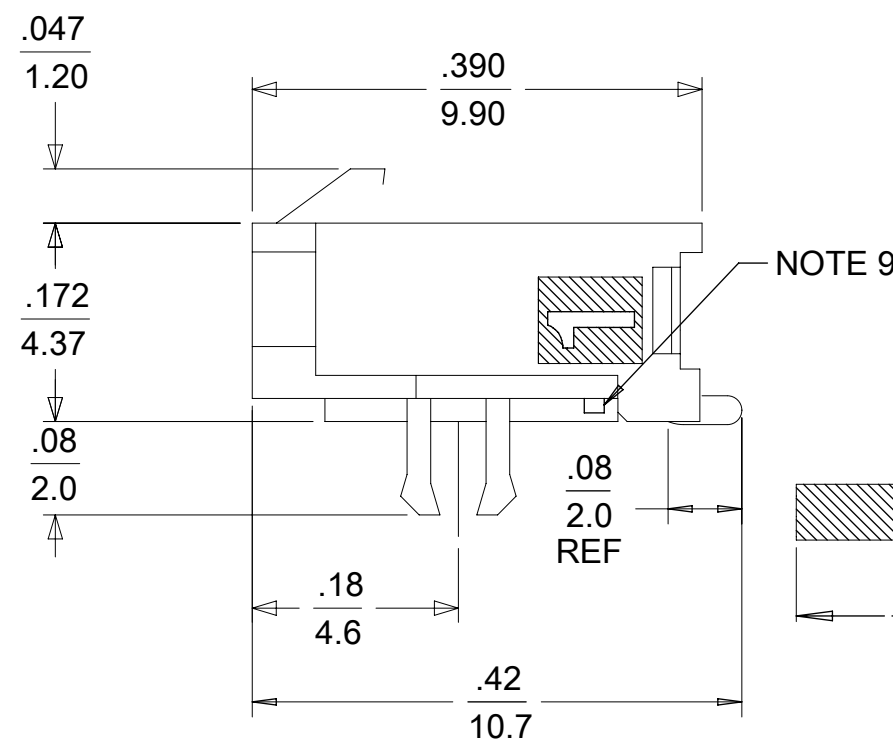
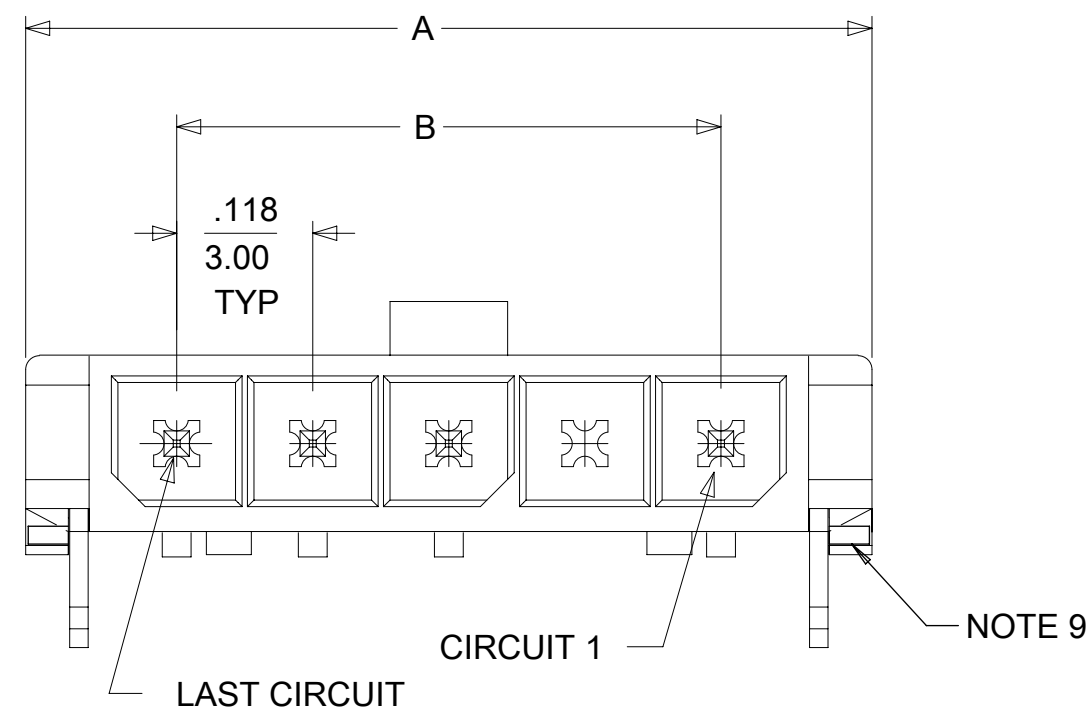
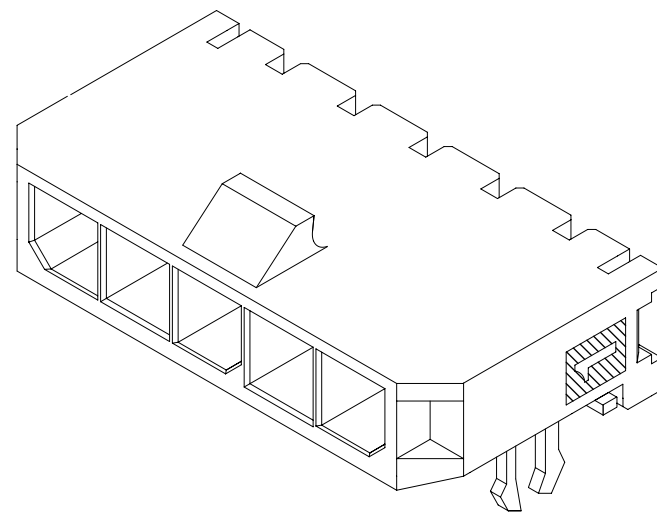
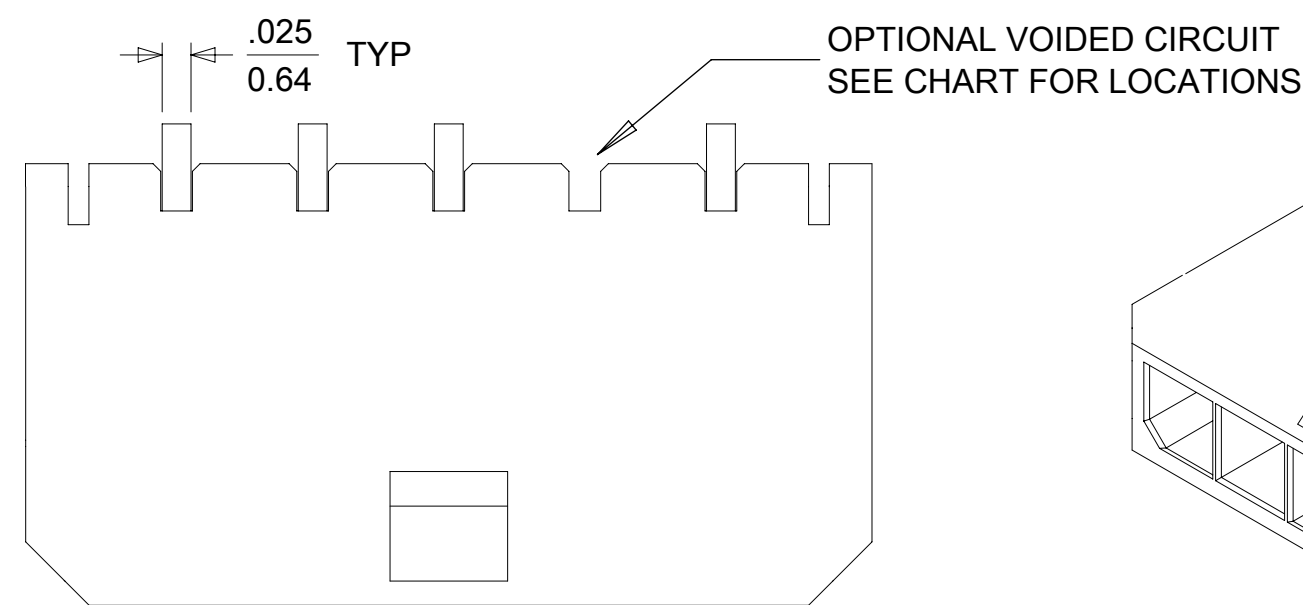




| 2    |                       | 1                     |                       |
|------|-----------------------|-----------------------|-----------------------|
| CKTS | DIM A                 | DIM B                 | DIM C                 |
| 2    | $\frac{.380}{9.65}$   | $\frac{.118}{3.00}$   | $\frac{.287}{7.30}$   |
| 3    | $\frac{.498}{12.65}$  | $\frac{.236}{6.00}$   | $\frac{.405}{10.30}$  |
| 4    | $\frac{.616}{15.65}$  | $\frac{.354}{9.00}$   | $\frac{.524}{13.30}$  |
| 5    | $\frac{.734}{18.64}$  | $\frac{.472}{12.00}$  | $\frac{.642}{16.30}$  |
| 6    | $\frac{.852}{21.64}$  | $\frac{.591}{15.00}$  | $\frac{.760}{19.30}$  |
| 7    | $\frac{.970}{24.64}$  | $\frac{.709}{18.00}$  | $\frac{.878}{22.30}$  |
| 8    | $\frac{1.088}{27.64}$ | $\frac{.827}{21.00}$  | $\frac{.996}{25.30}$  |
| 9    | $\frac{1.206}{30.63}$ | $\frac{.945}{24.00}$  | $\frac{1.114}{28.30}$ |
| 10   | $\frac{1.325}{33.66}$ | $\frac{1.063}{27.00}$ | $\frac{1.232}{31.30}$ |
| 11   | $\frac{1.443}{36.65}$ | $\frac{1.181}{30.00}$ | $\frac{1.350}{34.30}$ |
| 12   | $\frac{1.561}{39.65}$ | $\frac{1.299}{33.00}$ | $\frac{1.469}{37.30}$ |

NOTES:

1. HOUSING MATERIAL: LIQUID CRYSTAL POLYMER, GLASS FILLED,  
UL94V-0, COLOR: BLACK  
TERMINAL MATERIAL: BRASS ALLOY

## 2. FINISH:

A = .000060/(0.00152) MIN. REFLOWED MATTE TIN OVER  
.000050/(0.00127) MIN. NICKEL  
(FINISH IS BRIGHT IN APPEARANCE, THICKNESS AS APPLIED PRIOR TO REFLOW)

B = .000015/(0.00038) MIN. SELECT GOLD IN CONTACT AREA  
.000100/(0.00254) MIN. SELECT MATTE TIN ON SOLDER TAILS  
BOTH OVER .000050/(0.00127) NICKEL OVERALL

C = .000030/(0.00076) MIN. SELECT GOLD IN CONTACT AREA  
.000100/(0.00254) MIN. SELECT MATTE TIN ON SOLDER TAILS  
BOTH OVER .000050/(0.00127) NICKEL OVERALL

### 3. PRODUCT SPECIFICATION: PS-43650

4. TAPE AND REEL PACKAGED : SEE MOLEX DRAWING PK-70873-07\*\*

5. MATES WITH: RECEPTACLE NUMBER 43645

6. TO MINIMIZE INSERTION FORCE ON MOUNTING CLIPS DURING ROBOTIC PLACEMENT, HOLE DIAMETER SPECIFICATIONS MUST BE INCREASED MAKING THEM MORE COMPATIBLE WITH PICK AND PLACE EQUIPMENT. HOLE DIAMETERS SHOULD BE INCREASED TO APPROXIMATELY  $.100 \pm .002$  ( $2.54 \pm 0.05$ ) AND EVALUATED PER PLACEMENT EQUIPMENT.

7. THE COPLANARITY DIMENSION IS ESTABLISHED BY PLACING THE ASSEMBLY ON A FLAT SURFACE. THE DISTANCE FROM THAT SURFACE TO THE BOTTOM OF ANY ANY TERMINAL MUST NOT EXCEED .006/0.15

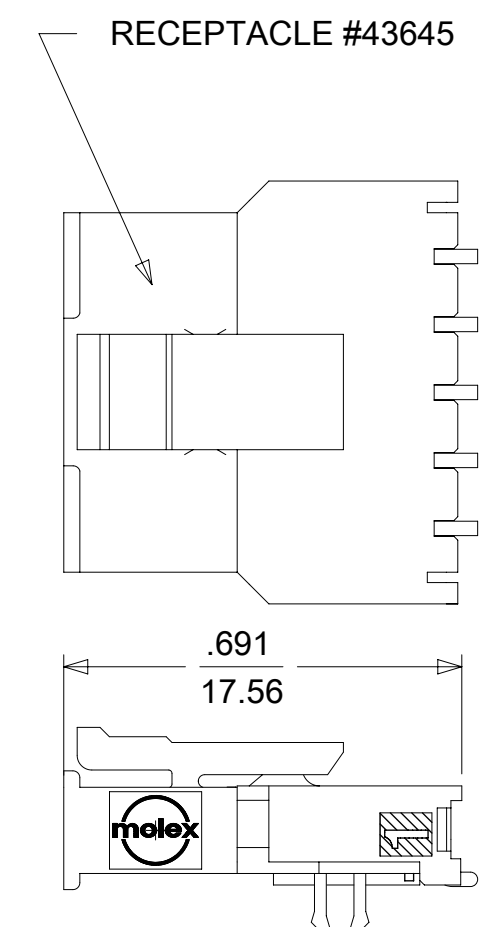
8. TO AVOID INTERFERENCE BETWEEN RECEPTACLE AND PCB, HEADER MUST BE PLACED WITHIN .400/(10.16) MAX. FROM EDGE OF PCB, AS SHOWN IN LOCATION DETAIL.

9. METAL TAB MAY BE FLUSH WITH PCB.

10. PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

11. TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

|      | FINISH A     | FINISH B     |          | FINISH C     |          |
|------|--------------|--------------|----------|--------------|----------|
| CKTS | MATERIAL NO: | MATERIAL NO: | VOID CKT | MATERIAL NO: | VOID CKT |
| 02   | 43650-0209   | 43650-0210   |          | 43650-0211   |          |
| 03   | 43650-0309   | 43650-0310   |          | 43650-0311   |          |
| 04   | 43650-0409   | 43650-0410   |          | 43650-0411   |          |
| 05   | 43650-0509   | 43650-0510   |          | 43650-0511   |          |
| 06   | 43650-0609   | 43650-0610   |          | 43650-0611   |          |
| 07   | 43650-0709   | 43650-0710   |          | 43650-0711   |          |
| 08   | 43650-0809   | 43650-0810   |          | 43650-0811   |          |
| 09   | 43650-0909   | 43650-0910   |          | 43650-0911   |          |
| 10   | 43650-1009   | 43650-1010   |          | 43650-1011   |          |
| 11   | 43650-1109   | 43650-1110   |          | 43650-1111   |          |
| 12   | 43650-1209   | 43650-1210   |          | 43650-1211   |          |
| 03   |              |              |          | 43650-1311   | 02       |
| 04   |              | 43650-1410   | 02       |              |          |



MATED MICRO FIT CONNECTORS

| QUALITY SYMBOLS                                                                       |     | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                        |                                                            |                  |         |                 |  |                                                                                       |  |                                                                                                                                                        |  |                 |                          |  |                |              |
|---------------------------------------------------------------------------------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------------------------------------|------------------|---------|-----------------|--|---------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|--------------------------|--|----------------|--------------|
|  | = 0 | CORRECT DIM/ADD NOTE                                                                                                                          | 2017/03/15<br>2017/08/23<br>2017/08/23 | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |                  |         | DIMENSION UNITS |  | SCALE                                                                                 |  | <br><br>MICRO FIT (3.0) RIGHT ANGLE SMT CLIPS<br>SINGLE ROW, REEL |  |                 |                          |  |                |              |
|  | = 0 |                                                                                                                                               |                                        |                                                            |                  |         | IN/MM           |  | N/A                                                                                   |  |                                                                                                                                                        |  |                 |                          |  |                |              |
|  | = 0 |                                                                                                                                               |                                        |                                                            | MM               | INCH    | DRWN BY         |  | DATE                                                                                  |  |                                                                                                                                                        |  |                 |                          |  |                |              |
|  | = 0 |                                                                                                                                               |                                        | 4 PLACES                                                   | ±                | ±       | SAMIEC          |  | 2000/07/07                                                                            |  |                                                                                                                                                        |  |                 |                          |  |                |              |
|  | = 0 |                                                                                                                                               |                                        | 3 PLACES                                                   | ±                | ± 0.01  | CHK'D BY        |  | DATE                                                                                  |  |                                                                                                                                                        |  |                 |                          |  |                |              |
|  | = 0 |                                                                                                                                               |                                        | 2 PLACES                                                   | ± 0.25           | ± 0.014 | MUELLER         |  | 2000/07/07                                                                            |  |                                                                                                                                                        |  |                 |                          |  |                |              |
|  | = 0 |                                                                                                                                               |                                        | 1 PLACES                                                   | ± 0.36           | ±       | APPR BY         |  | DATE                                                                                  |  |                                                                                                                                                        |  |                 |                          |  |                |              |
|  | = 0 |                                                                                                                                               |                                        | 0 PLACES                                                   | ±                | ±       | FSMITH          |  | 2016/03/18                                                                            |  |                                                                                                                                                        |  |                 |                          |  |                |              |
|  | = 0 |                                                                                                                                               |                                        | ANGULAR TOL ± 0.5                                          |                  |         | DRAWING SIZE    |  | THIRD ANGLE PROJECTION                                                                |  |                                                                                                                                                        |  |                 | PRODUCT CUSTOMER DRAWING |  |                |              |
|  | = 0 |                                                                                                                                               |                                        | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                  |         | C               |  |  |  |                                                                                                                                                        |  |                 |                          |  |                |              |
|                                                                                       |     | EC NO: 114303                                                                                                                                 | DRWN: JQUILS                           | CHKD: SSOUSEK                                              | REV APPR: FSMITH |         |                 |  |                                                                                       |  |                                                                                                                                                        |  | SERIES          | MATERIAL NUMBER          |  | CUSTOMER       |              |
|                                                                                       |     |                                                                                                                                               |                                        |                                                            |                  |         |                 |  |                                                                                       |  |                                                                                                                                                        |  | 43650           | SEE CHART                |  | GENERAL MARKET |              |
|                                                                                       |     |                                                                                                                                               |                                        |                                                            |                  |         |                 |  |                                                                                       |  |                                                                                                                                                        |  | DOCUMENT NUMBER | DOC TYPE                 |  | DOC PART       | SHEET NUMBER |
|                                                                                       |     |                                                                                                                                               |                                        |                                                            |                  |         |                 |  |                                                                                       |  |                                                                                                                                                        |  | SD-43650-004    | PSD                      |  | 000            | 1 OF 1       |