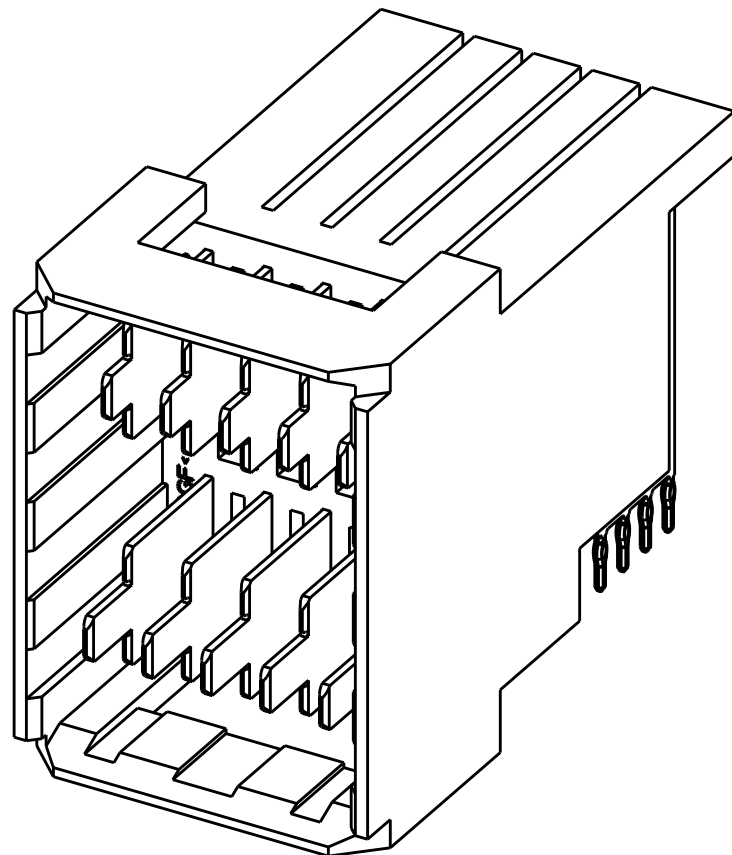
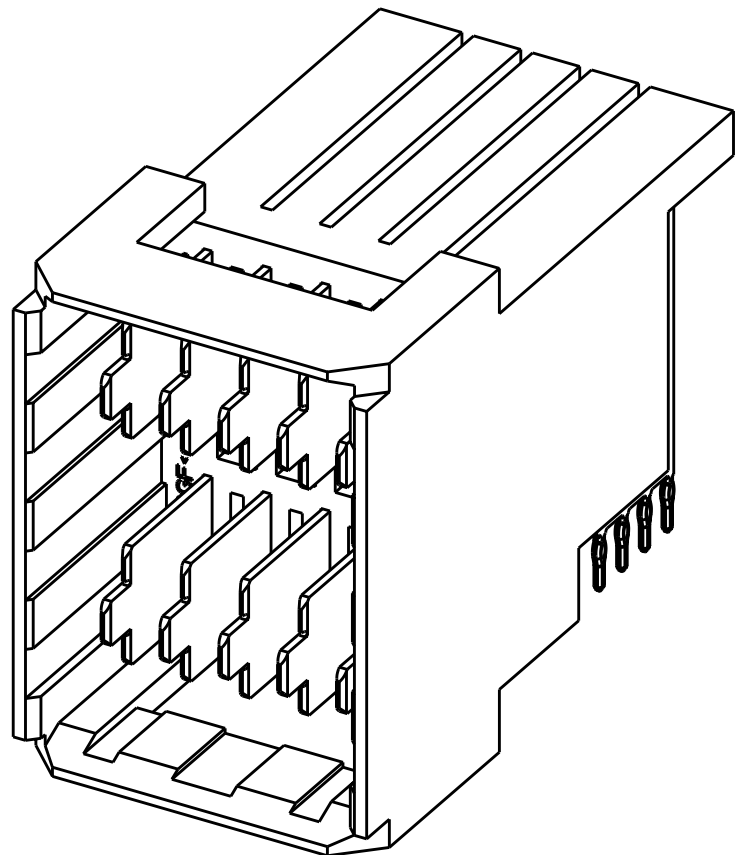


| LOC | DIST | REVISIONS |     |                       |            |     |      |
|-----|------|-----------|-----|-----------------------|------------|-----|------|
| ES  | 00   | P         | LTR | DESCRIPTION           | DATE       | DWN | APVD |
|     |      |           | 1   | PROPOSAL DRAWING      | 23JUN2009  | OL  | SY   |
|     |      |           | 2   | REVISED BASE NUMBER   | 03JULY2009 | OL  | SY   |
|     |      |           | A   | REV PER ECR-09-015886 | 15JULY2009 | OL  | SY   |

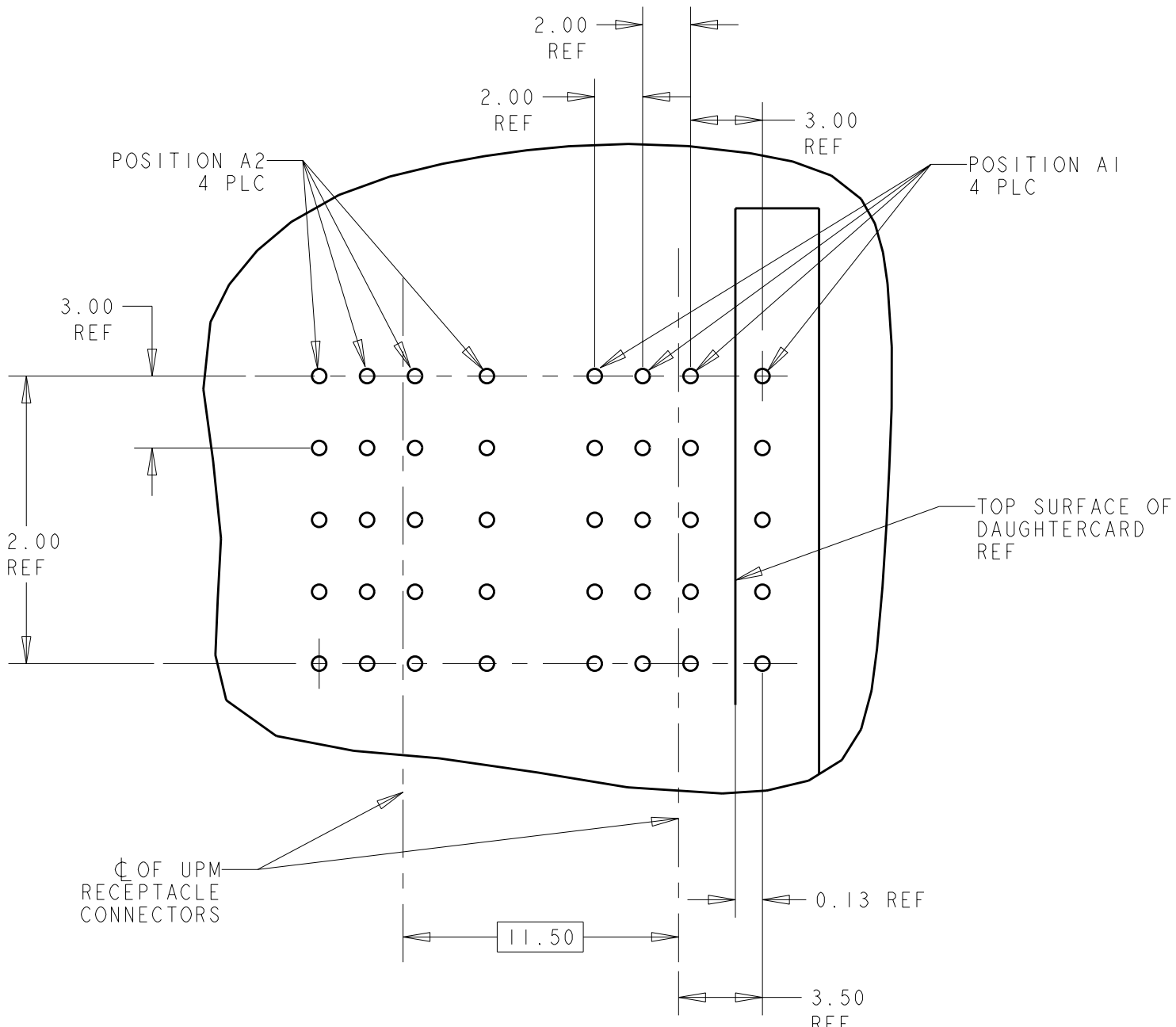
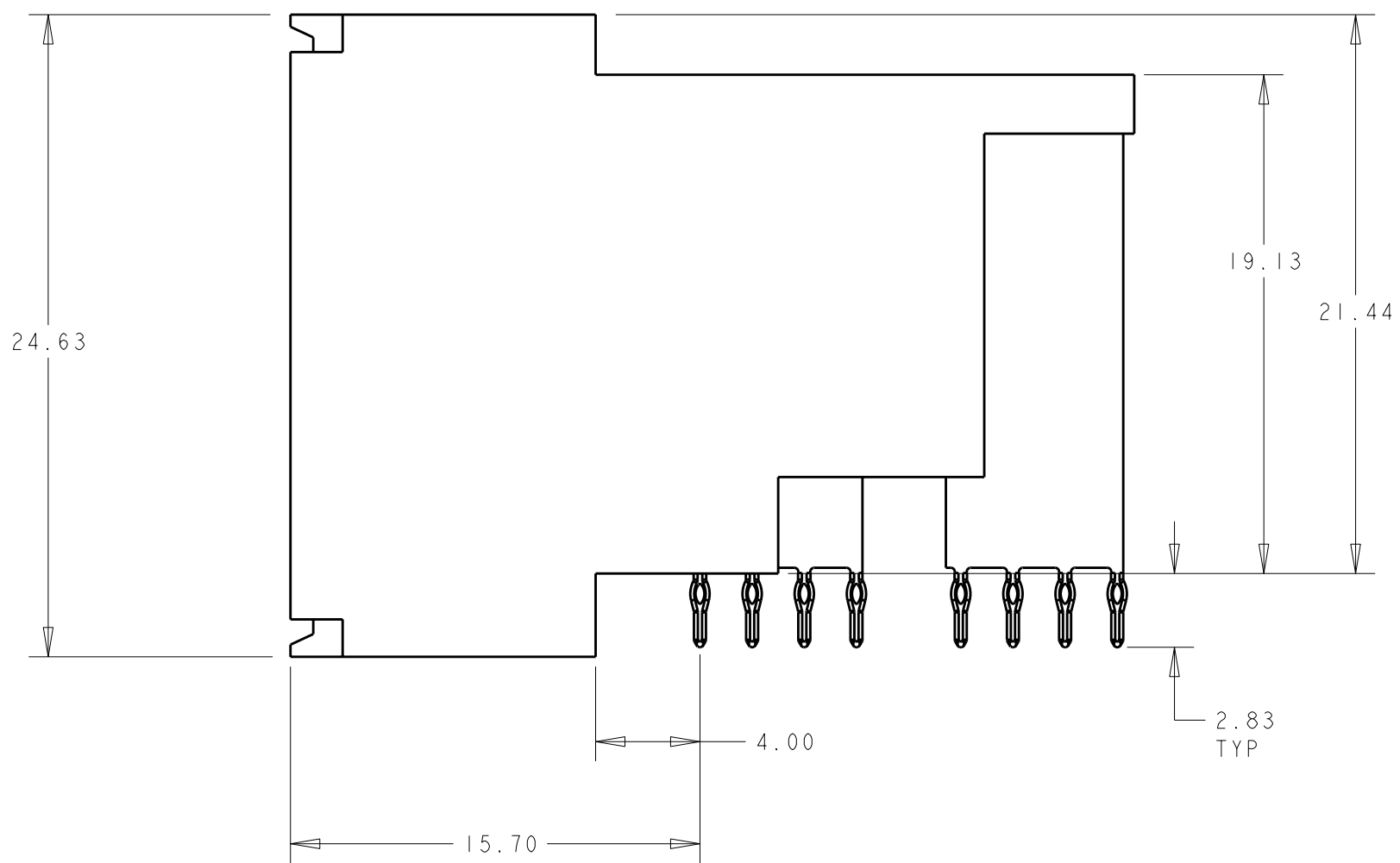
- 1 MATERIAL: HOUSING: POLYESTER. COLOR: BLACK, UL 94 V-0  
CONTACT: COPPER ALLOY.
- 2 FINISH: CONTACT MATING AREA: 0.00076 mm MIN GOLD PLATE  
OVER 0.00127 mm MIN NICKEL, OR 0.0005 mm MIN GOLD OVER 0.00064 mm PALLADIUM-NICKEL  
OVER 0.00127 mm MIN NICKEL.  
COMPLIANT TAIL AREA: 0.0005 mm MIN MATTE TIN PLATE OVER 0.00127 mm  
NICKEL UNDERPLATE.
- 3 TAILS OF MATING UPM STYLE RECEPTACLE ARE OFFSET BY .75 mm  
FROM TAILS OF THIS CONNECTOR. SEE CUSTOMER DRAWING 120992  
FOR RECEPTACLE EXAMPLE. SEE APPLICATION SPEC 114-1103 FOR  
MORE DETAILED DESCRIPTION OF THE TAIL OFFSETS.
- 4 PC BOARD HOLE SPECIFICATIONS:  
DRILLED HOLE SIZE: 0.700±0.02 mm  
FINISHED HOLE SIZE: 0.60±0.05 mm  
PLATING THICKNESS:  
0.025 - 0.050 mm COPPER  
0.004 - 0.010 mm HASL TIN  
0.0005 mm MIN IMMERSION TIN  
0.0002 - 0.0005 mm OSP  
0.0001mm MIN IMMERSION SILVER  
0.0001-0.0005 mm IMMERSION GOLD OVER 0.004-0.005 mm NICKEL
- 5 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 6 MINIMUM REQUIRED PC BOARD THICKNESS IS 1.44mm.
- 7 CONTACT AREA LUBRICATED WITH BELLCORE APPROVED LUBRICANT. TECHNICAL REFERENCE  
GR-1217-CORE, ISSUE 1 NOVEMBER 1995.
- 8 POSITION A1 IS AT MATERIAL ID.



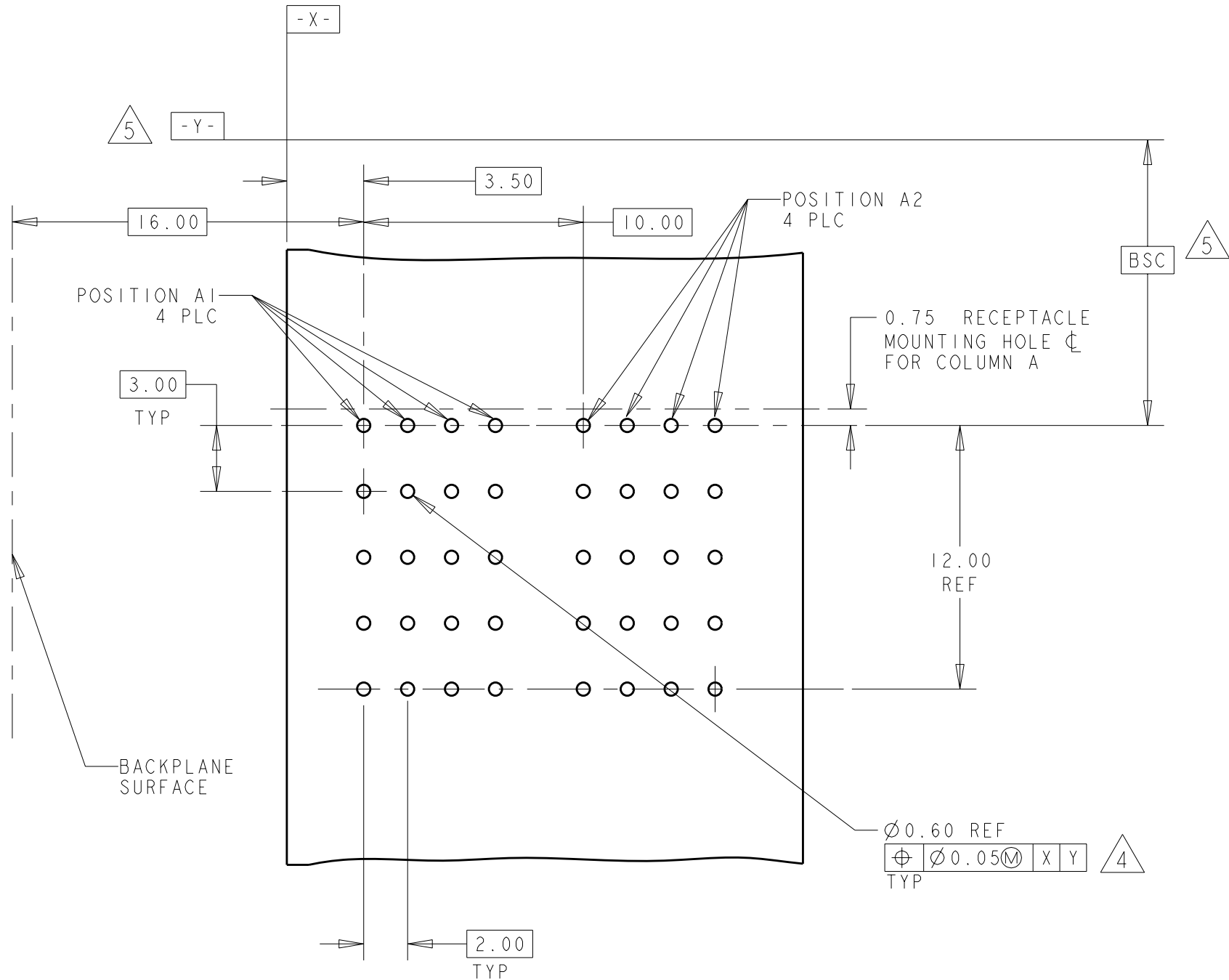
PART NUMBER 1892703-2  
SCALE 3:1



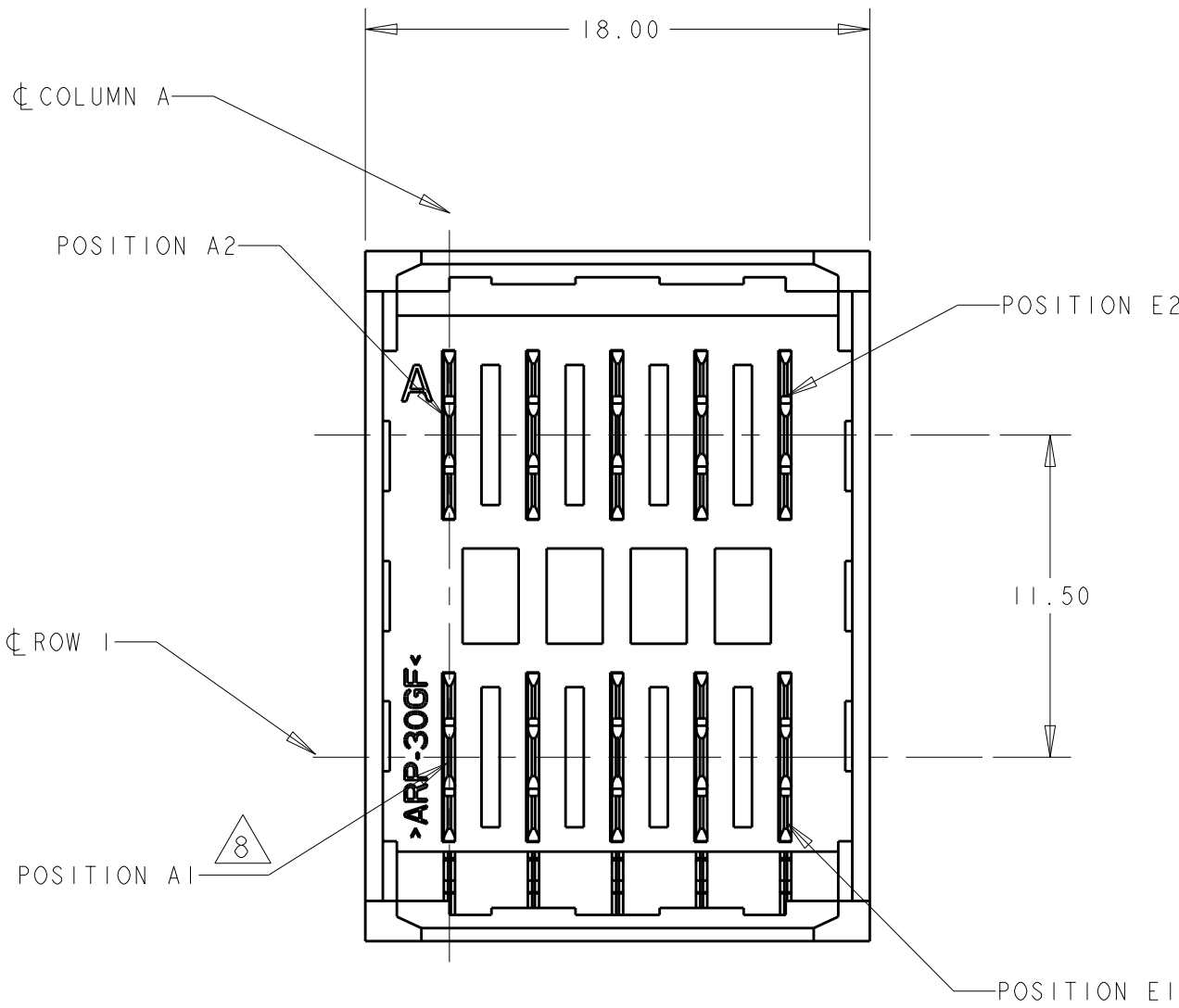
PART NUMBER 1892703-1  
SCALE 3:1



MATING RECEPTACLE PCB LAYOUT 3



RECOMMENDED PCB LAYOUT 6



|                   |  |                    |                                                                     |
|-------------------|--|--------------------|---------------------------------------------------------------------|
| A1,B1,C1,D1, E1   |  | A2,B2,C2,D2, E2    | 1892713-2                                                           |
| -                 |  | ALL                | 1892713-1                                                           |
| LONG PIN LOCATION |  | SHORT PIN LOCATION | PART NO                                                             |
| DWG. ORANDO LI    |  | 23JUN2009          | Tyco Electronics<br>Shanghai, P.R.China. 200233                     |
| CHK. SUNY ZHAO    |  | 23JUN2009          |                                                                     |
| APVD. STEVEN YAO  |  | 23JUN2009          | NAME<br>ASSEMBLY, RIGHT ANGLE HEADER<br>MINIPAK HDE<br>2X5 POSITION |
| PRODUCT SPEC      |  | 108-2289           |                                                                     |
| APPLICATION SPEC  |  | -                  | SIZE CAGE CODE DRAWING NO                                           |
| WEIGHT            |  | -                  |                                                                     |
| CUSTOMER DRAWING  |  | SCALE 5:1          | SHEET 1 OF 1                                                        |