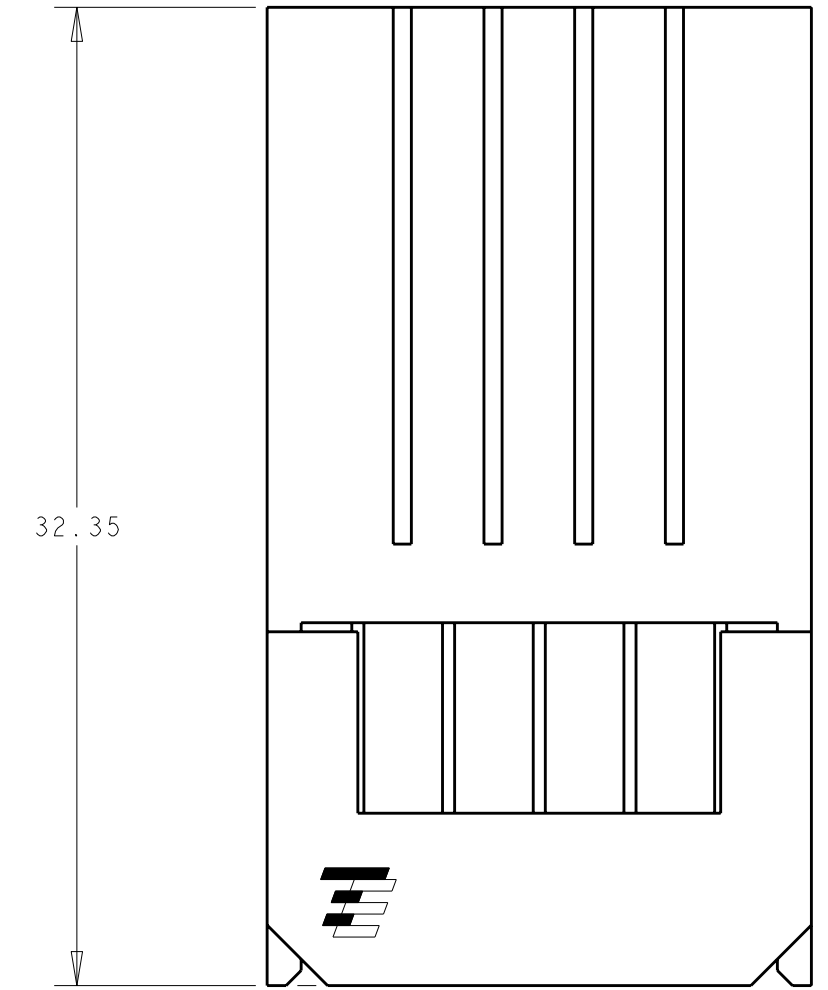
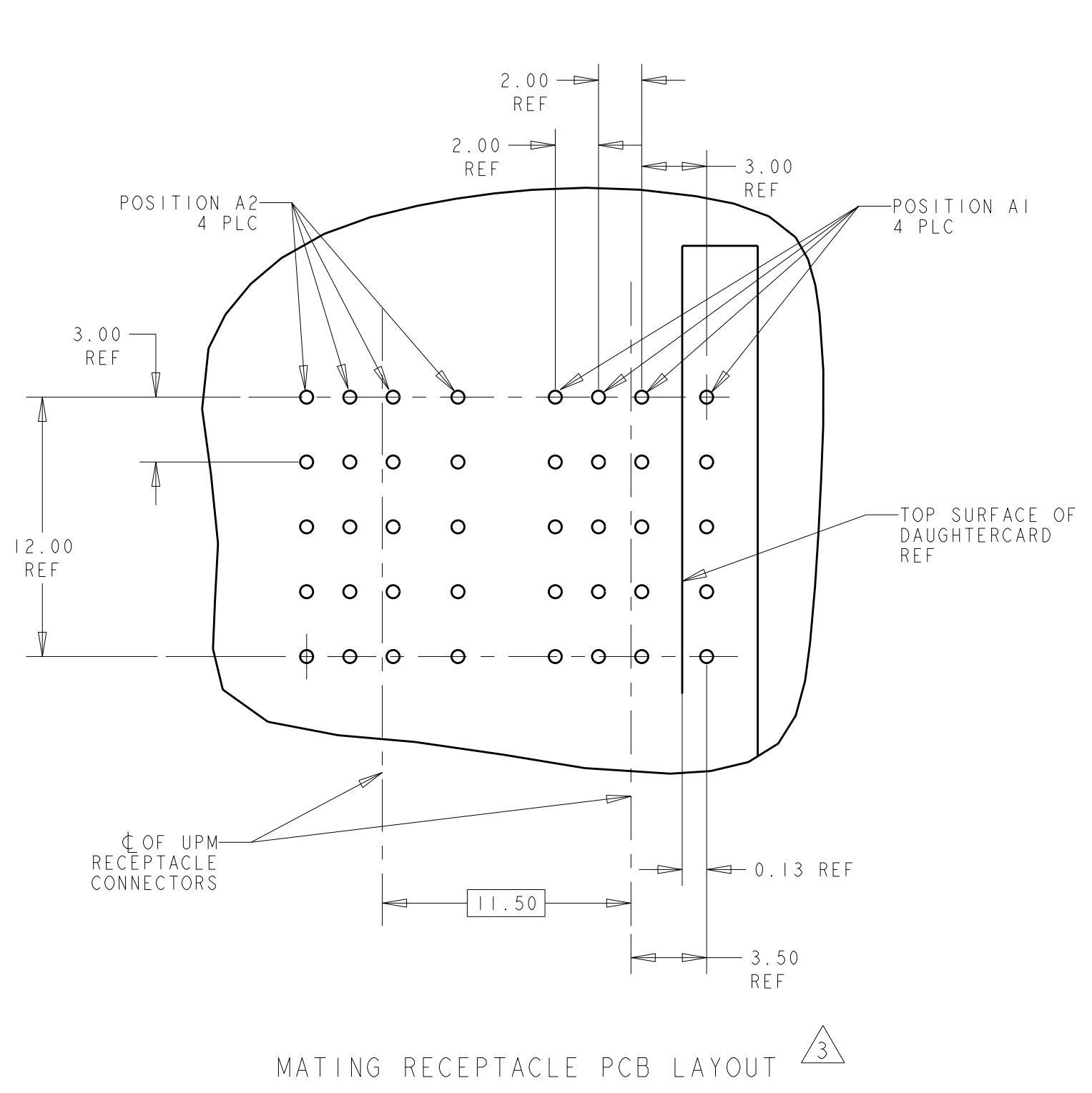
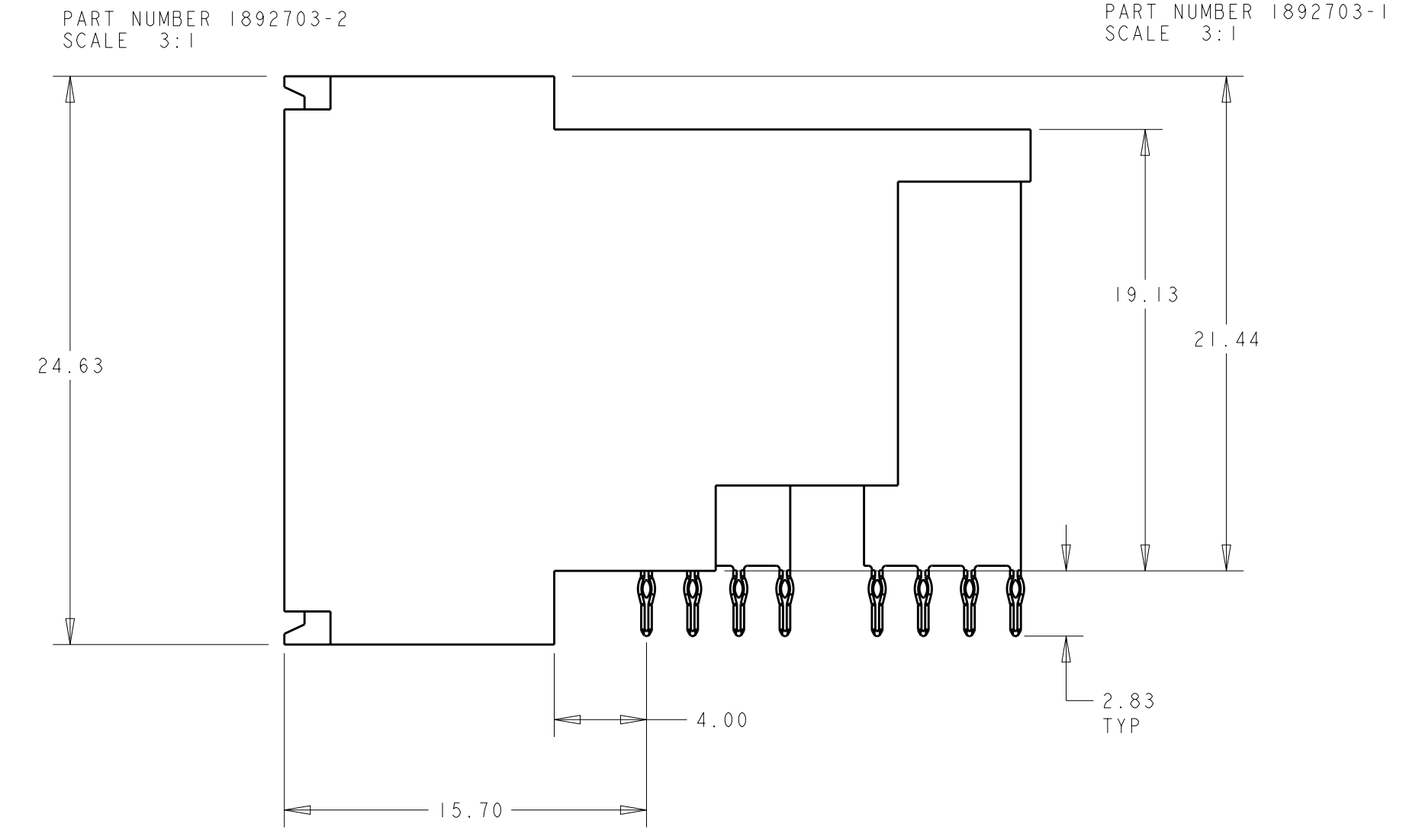
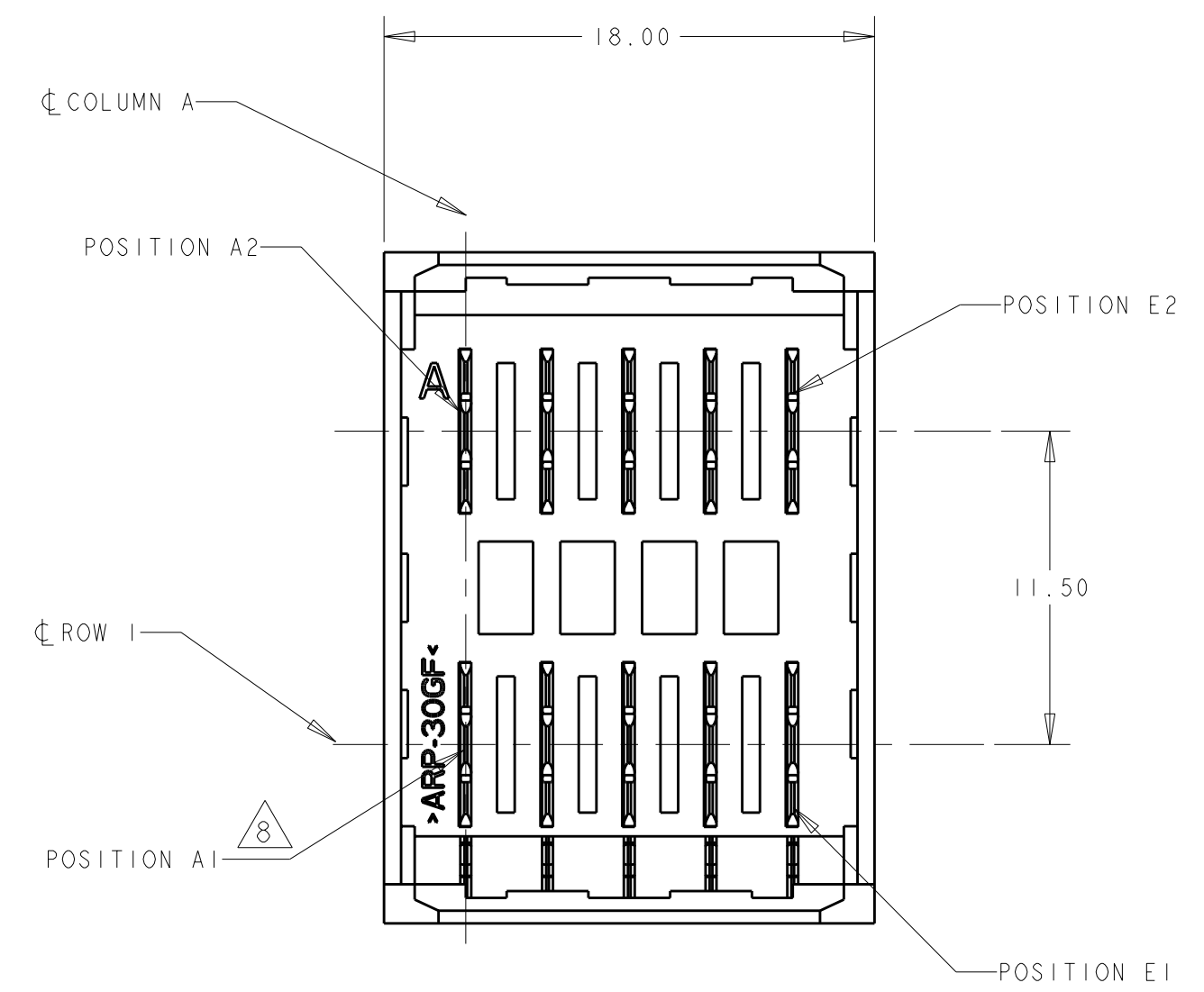
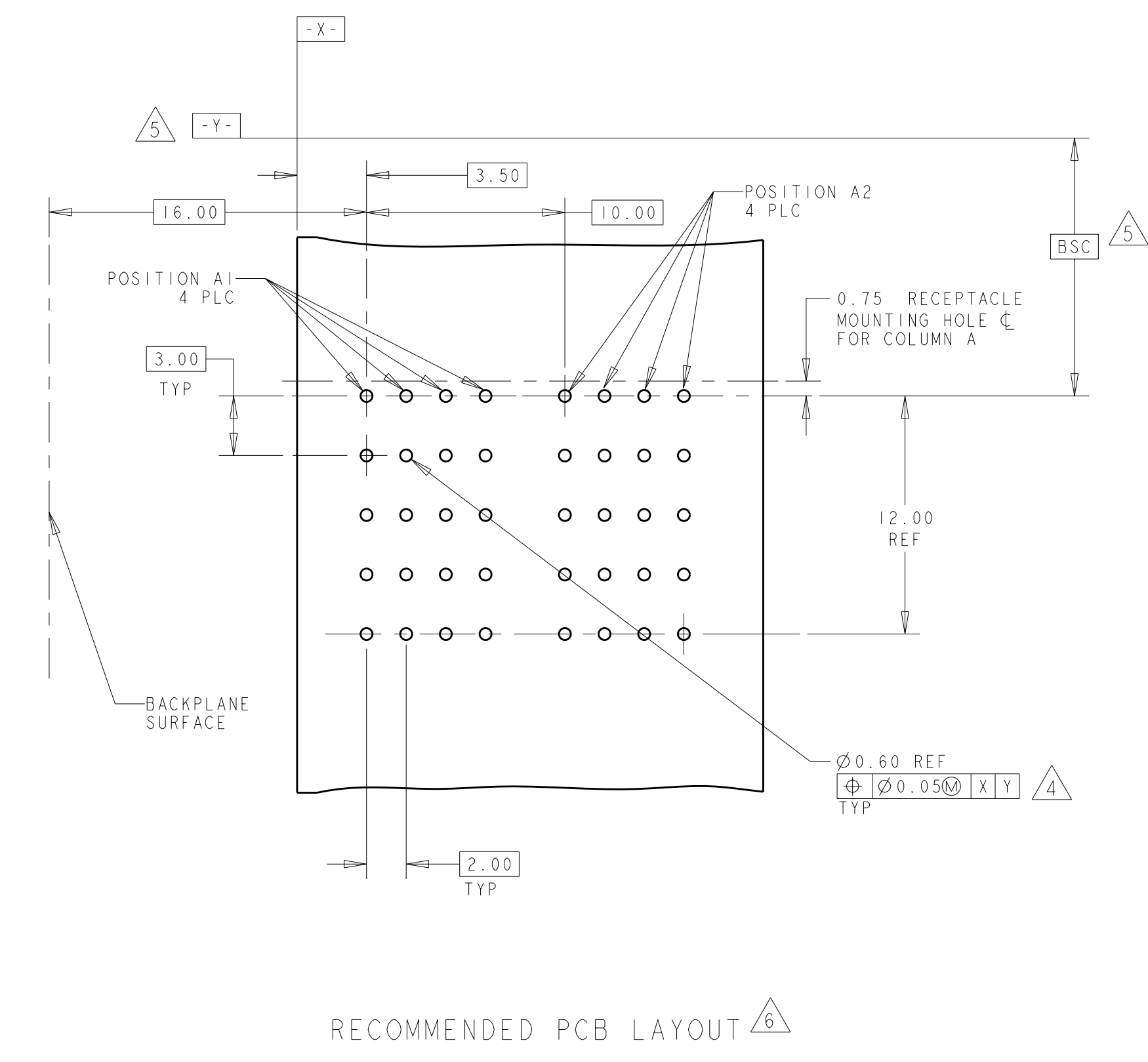
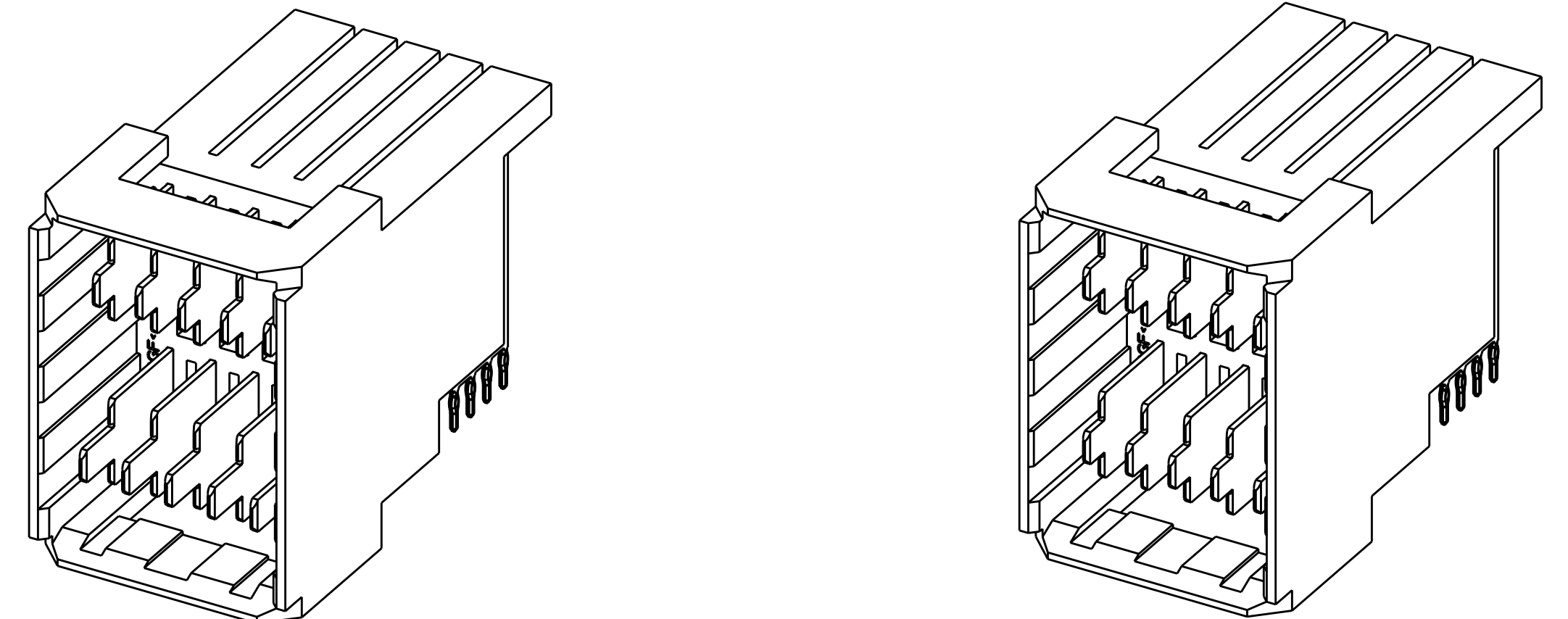


LOC	DIST	REVISIONS			
ES	00	REV	DATE	BY	APPD
		1	PROPOSAL DRAWING	23JUN2009	OL SY
		2	REVISED BASE NUMBER	03JULY2009	OL SY
		A	REV PER ECR-09-015886	15JULY2009	OL SY



- 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.



A1, B1, C1, D1, E1	A2, B2, C2, D2, E2	1892713-2
-	ALL	1892713-1
LONG PIN LOCATION	SHORT PIN LOCATION	PART NO

DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.25 5 PLC ±.25 4 PLC ±.25 ANGLES ±1°		DWN ORANDO LI 23JUN2009 CHK SUNY ZHAO 23JUN2009 APVD STEVEN YAO 23JUN2009 PRODUCT SPEC 108-2289 APPLICATION SPEC WEIGHT CUSTOMER DRAWING	Tyco Electronics Shanghai, P.R.China. 200233 NAME ASSEMBLY, RIGHT ANGLE HEADER MINIPAK HDE 2X5 POSITION SIZE CAGE CODE DRAWING NO RESTRICTED TO A100779C=1892713 SCALE 5:1 SHEET 1 OF 1 REV A
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