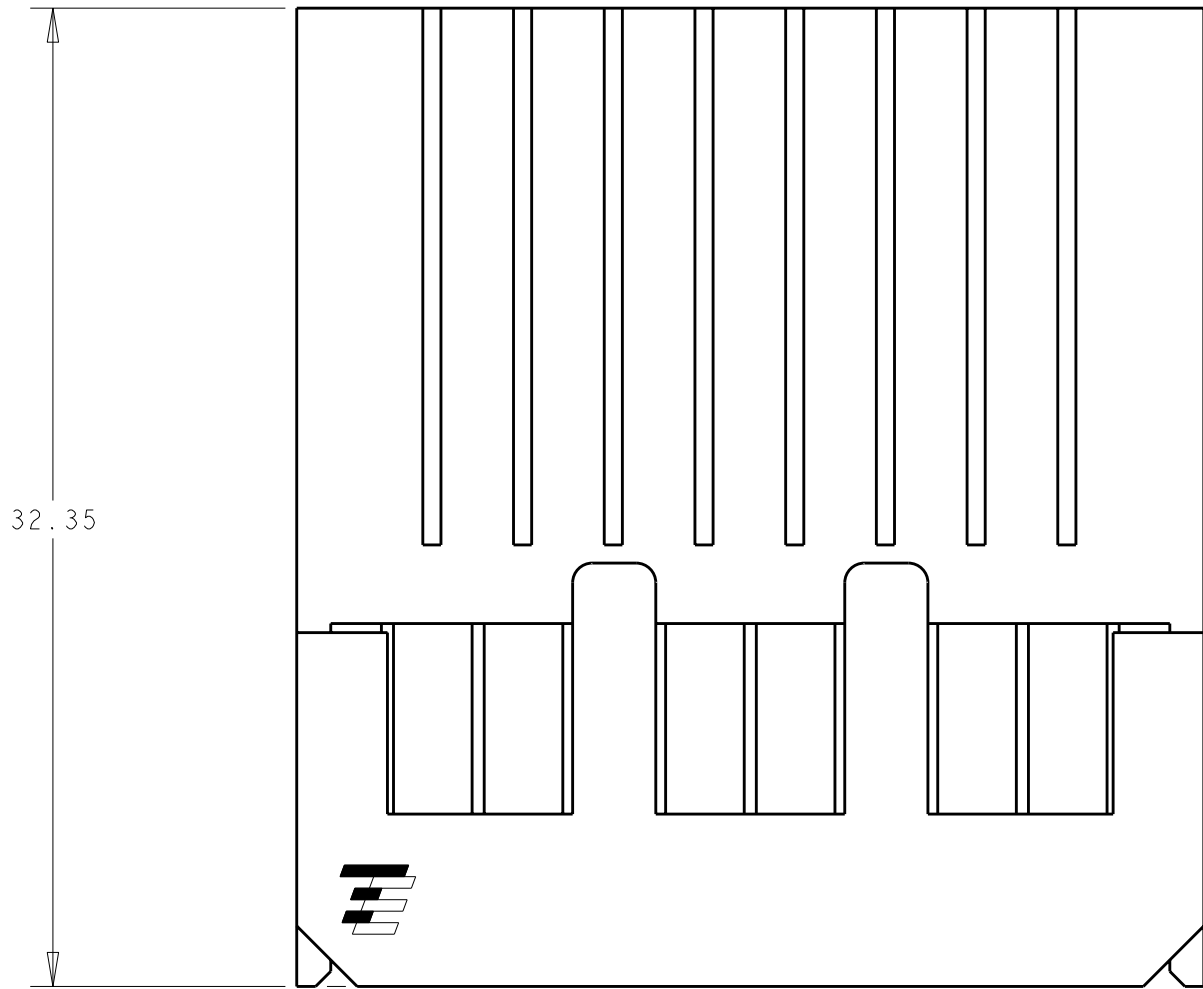
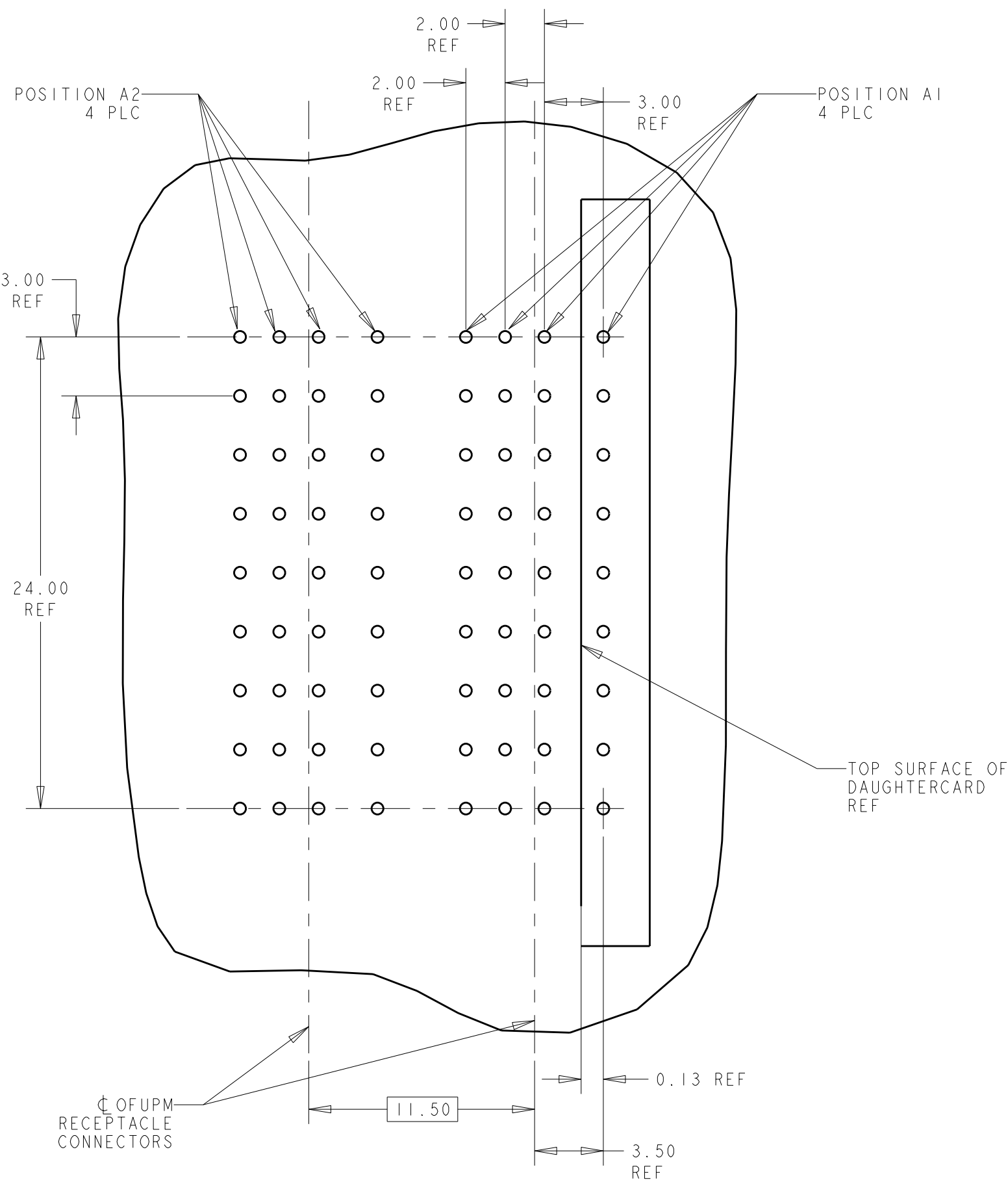
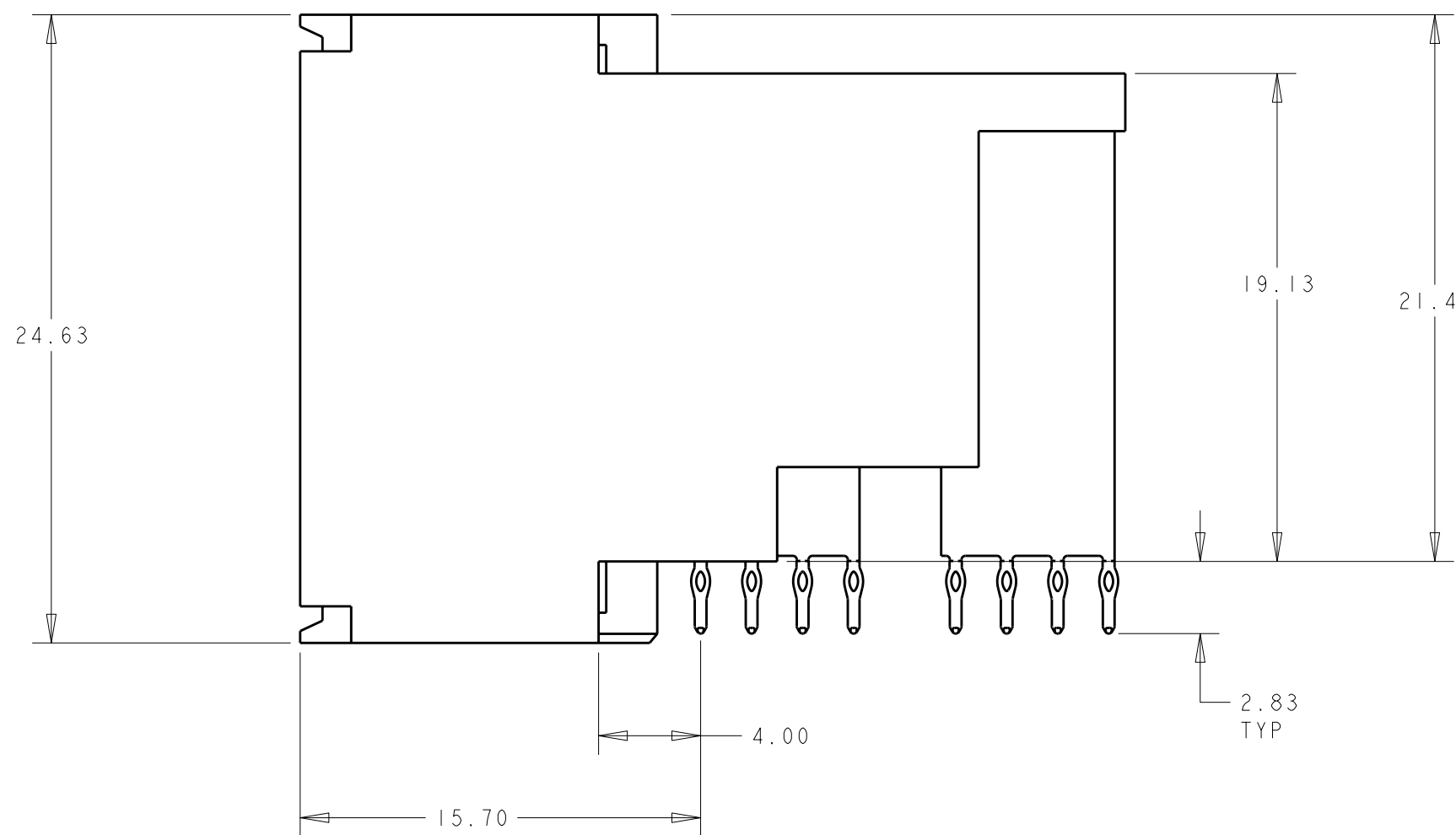
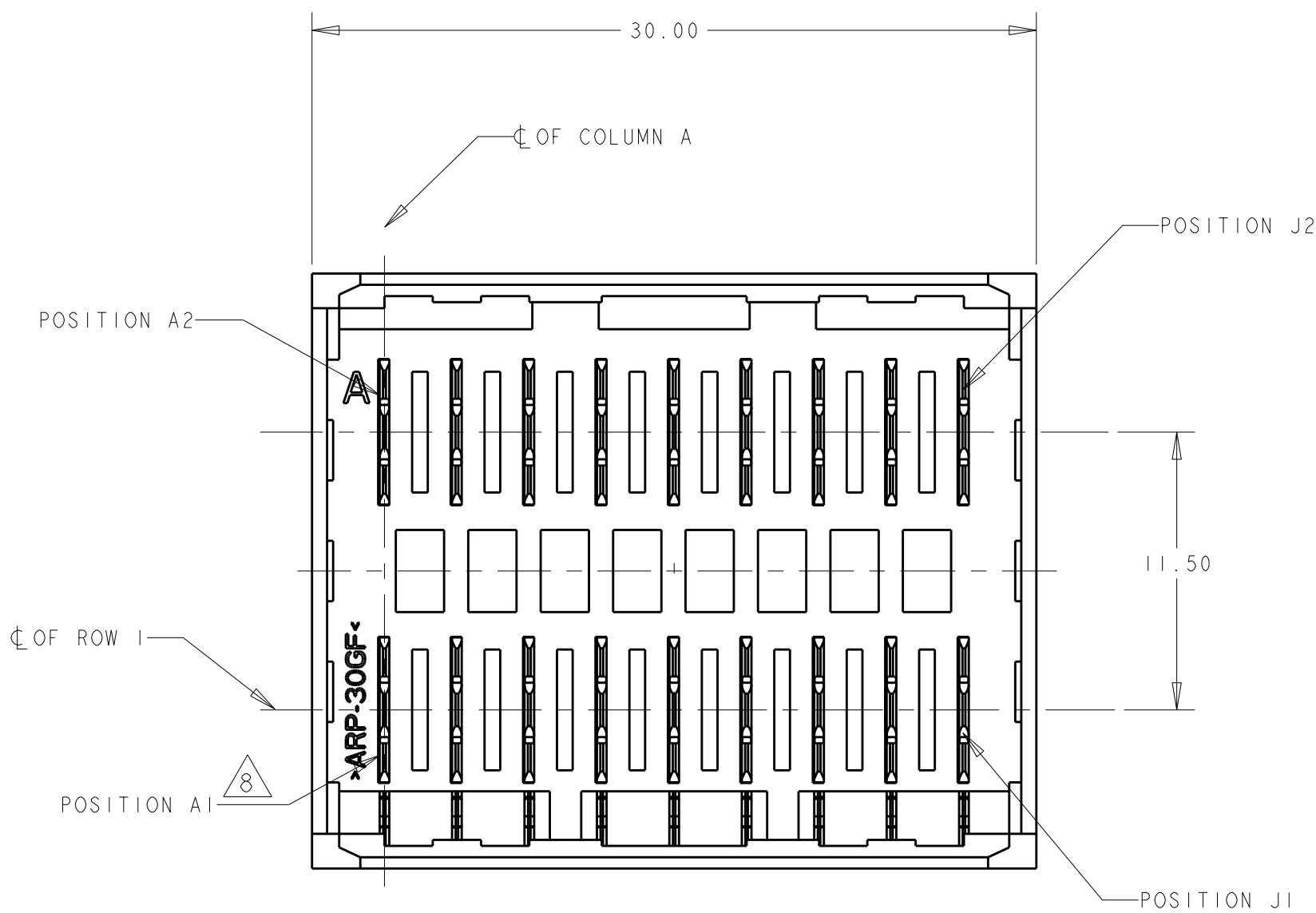
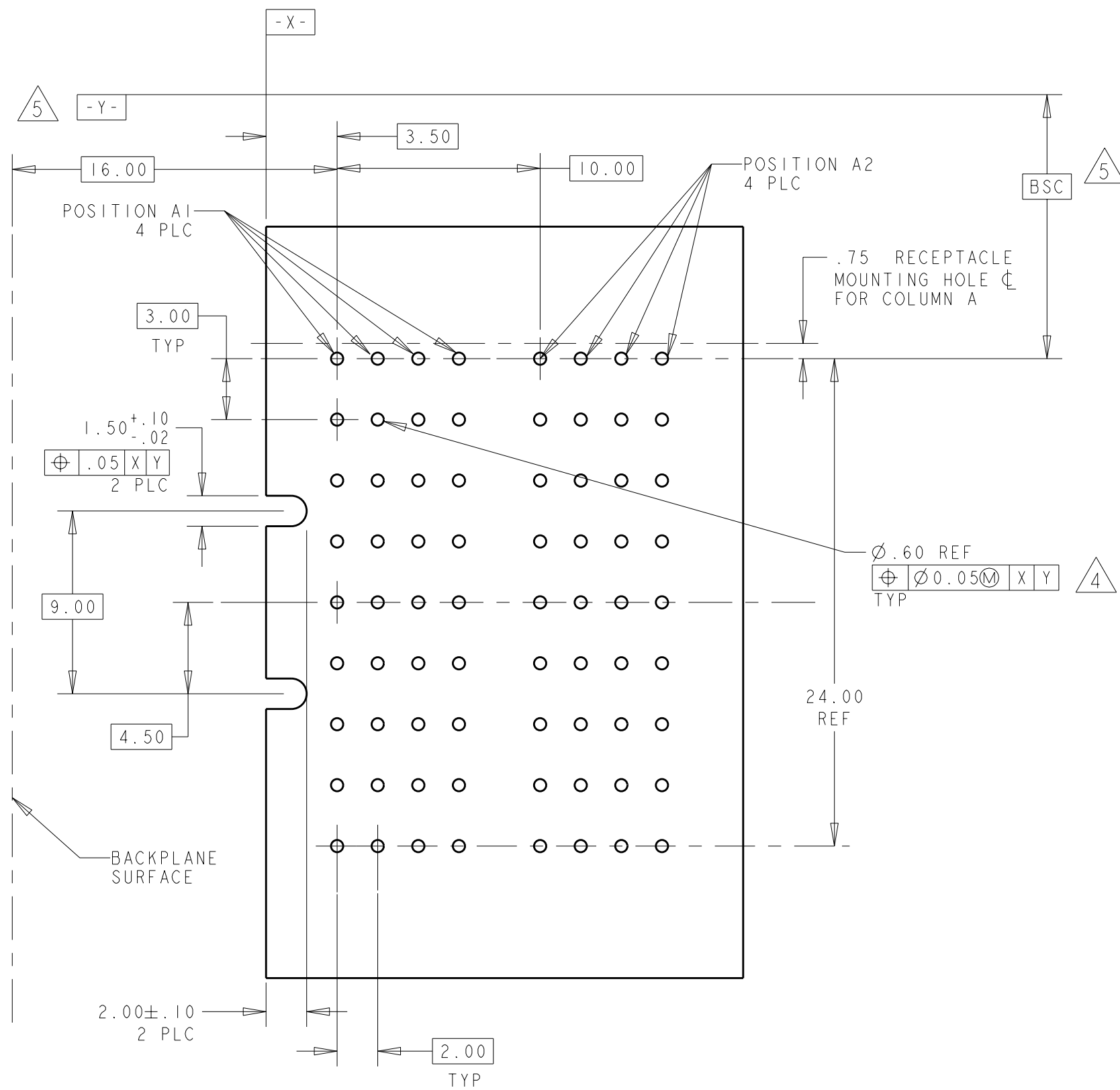
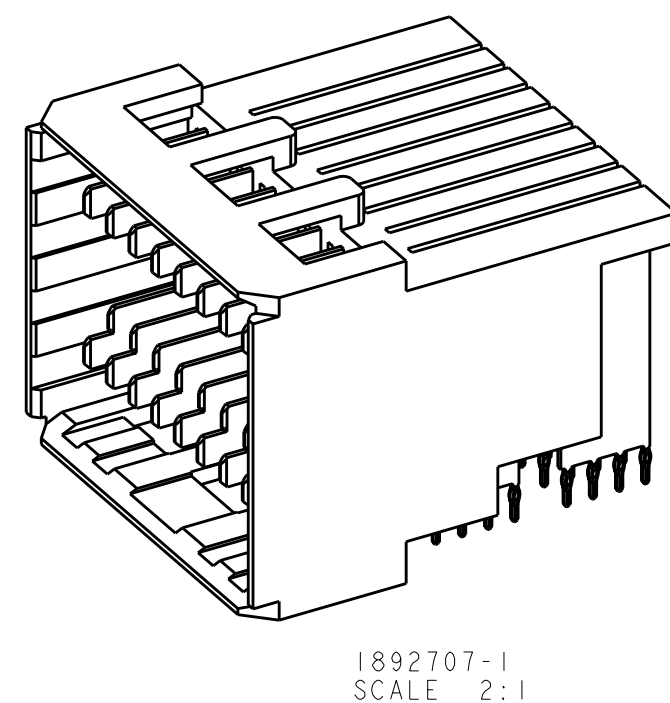
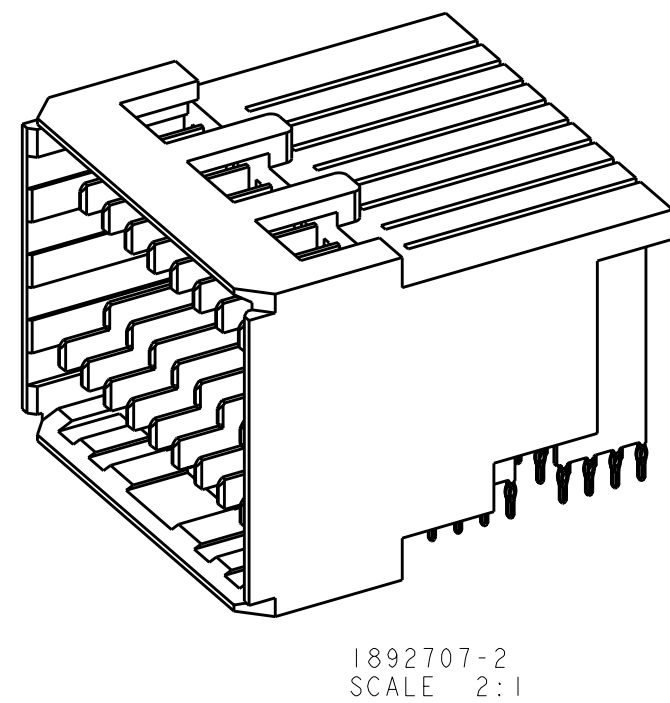


MATING RECEPTACLE PCB LAYOUT

3



- 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-12178- CORE, ISSUE 1 NOVEMBER 1995.
- 8 POSITION A1 IS AT MATERIAL ID.



RECOMMENDED PCB LAYOUT

6

LOC		DIST		REVISIONS			
ES	00	P	LYR	DESCRIPTION	DATE	DWN	APVD
		1		PROPOSAL DRAWING	24JUN2009	OL	SY
		2		REVISED BASE NUMBER	03JULY2009	OL	SY
		A		REV PER ECR-09-015886	15JULY2009	OL	SY

A1,B1,C1,D1,E1,F1,G1,H1,J1		A2,B2,C2,D2,E2,F2,G2,H2,J2		1892717-2
-		ALL		1892717-1
LONG PIN LOCATION		SHORT PIN LOCATION		PART NO
DWN ORLANDO LI 24JUN2009		DWN SUNY ZHAO 24JUN2009		NAME
CHK SUNY ZHAO		APVD STEVEN YAO		NAME
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC
mm		9 PLC ±.25		APPLICATION SPEC
1 PLC ±.25		5 PLC ±.25		WEIGHT
3 PLC ±.25		4 PLC ±.25		CUSTOMER DRAWING
MATERIAL		FINISH		SCALE
1		2		5:1
SHEET		OF		REV
1		1		A