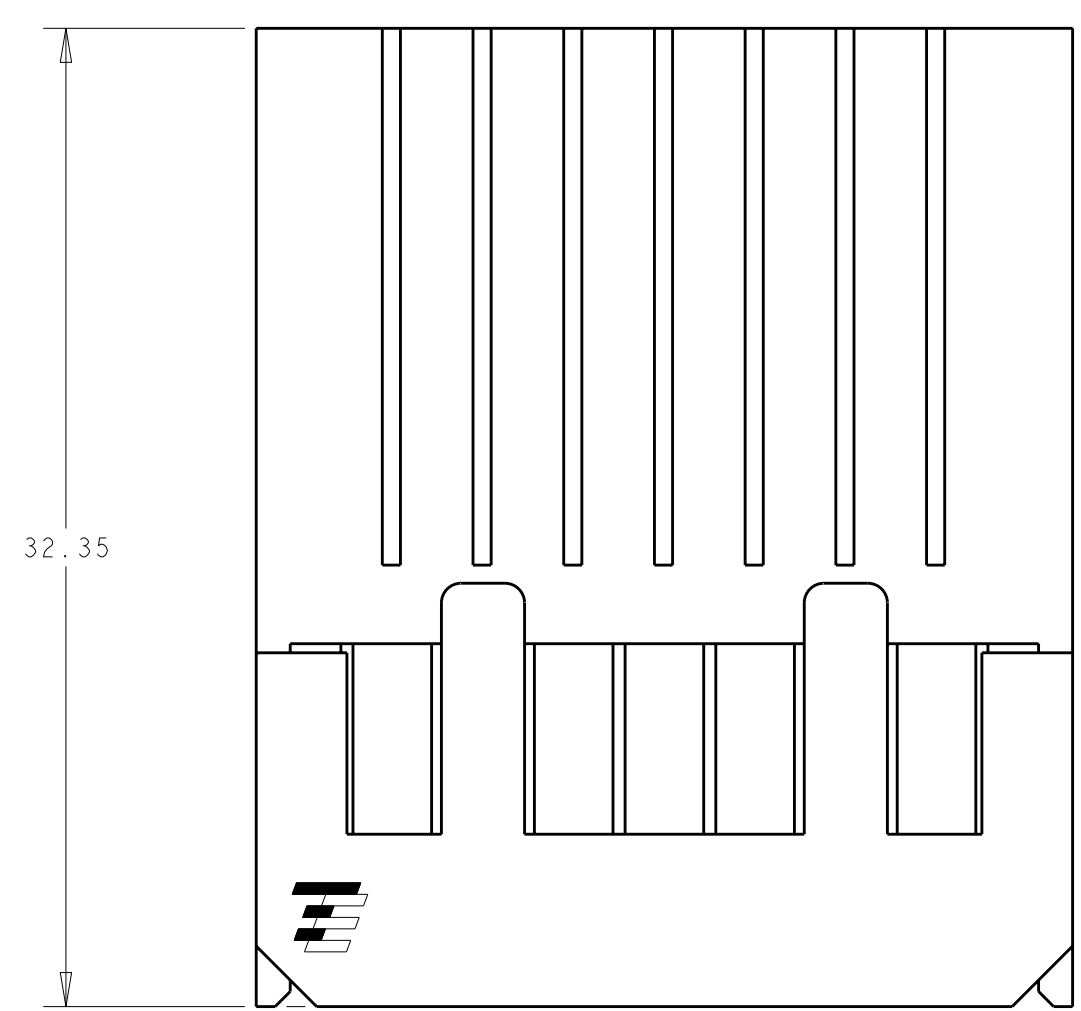
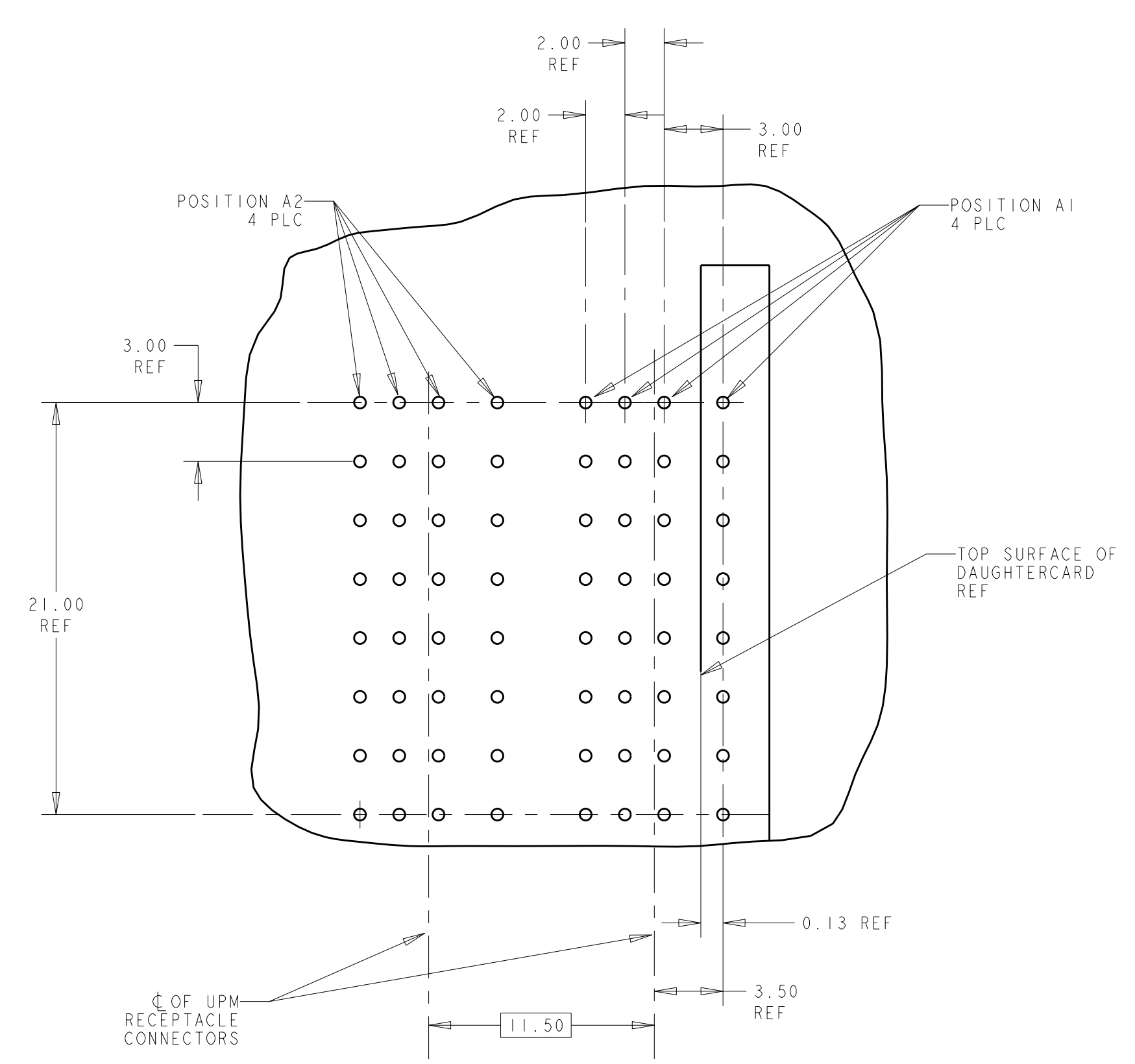
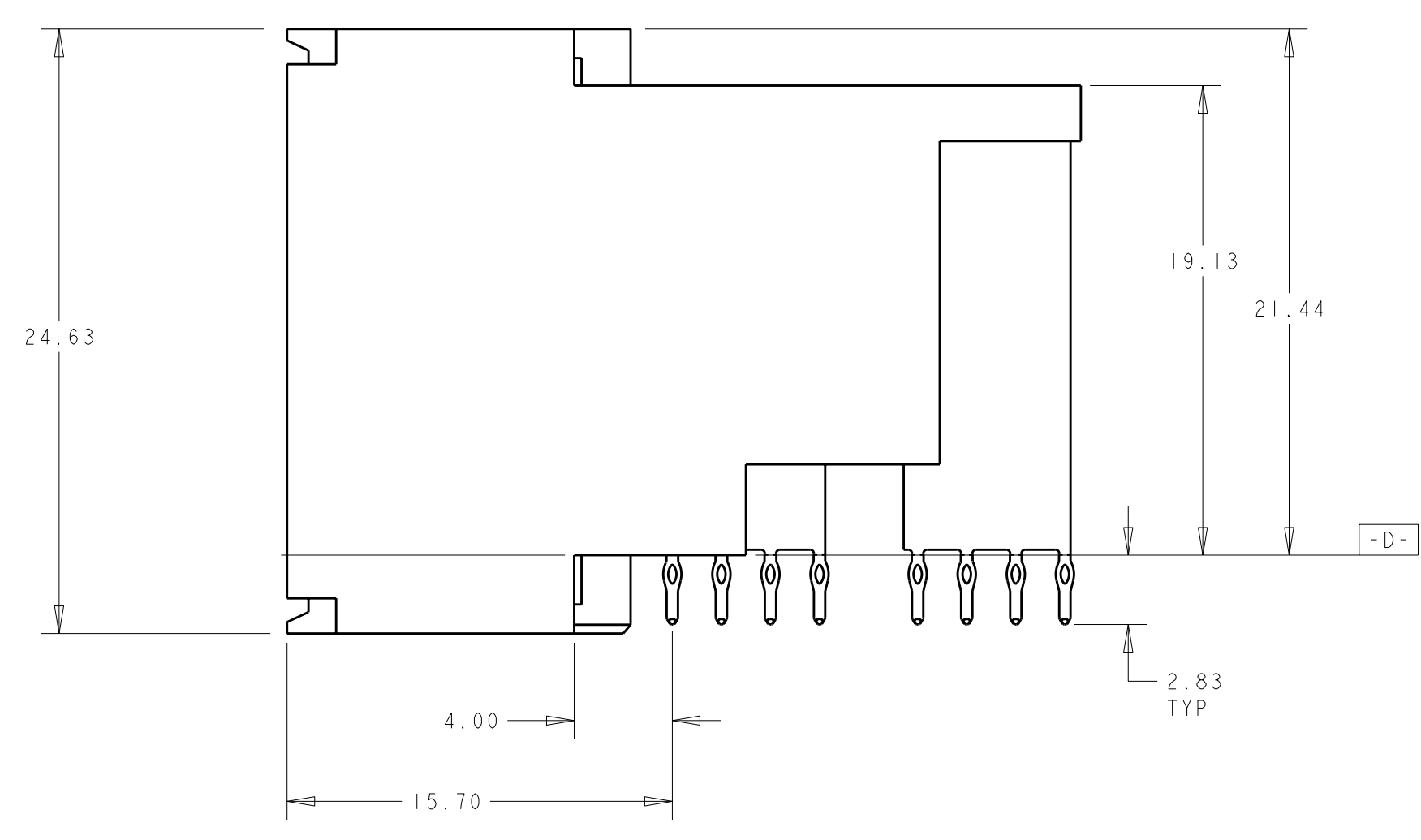
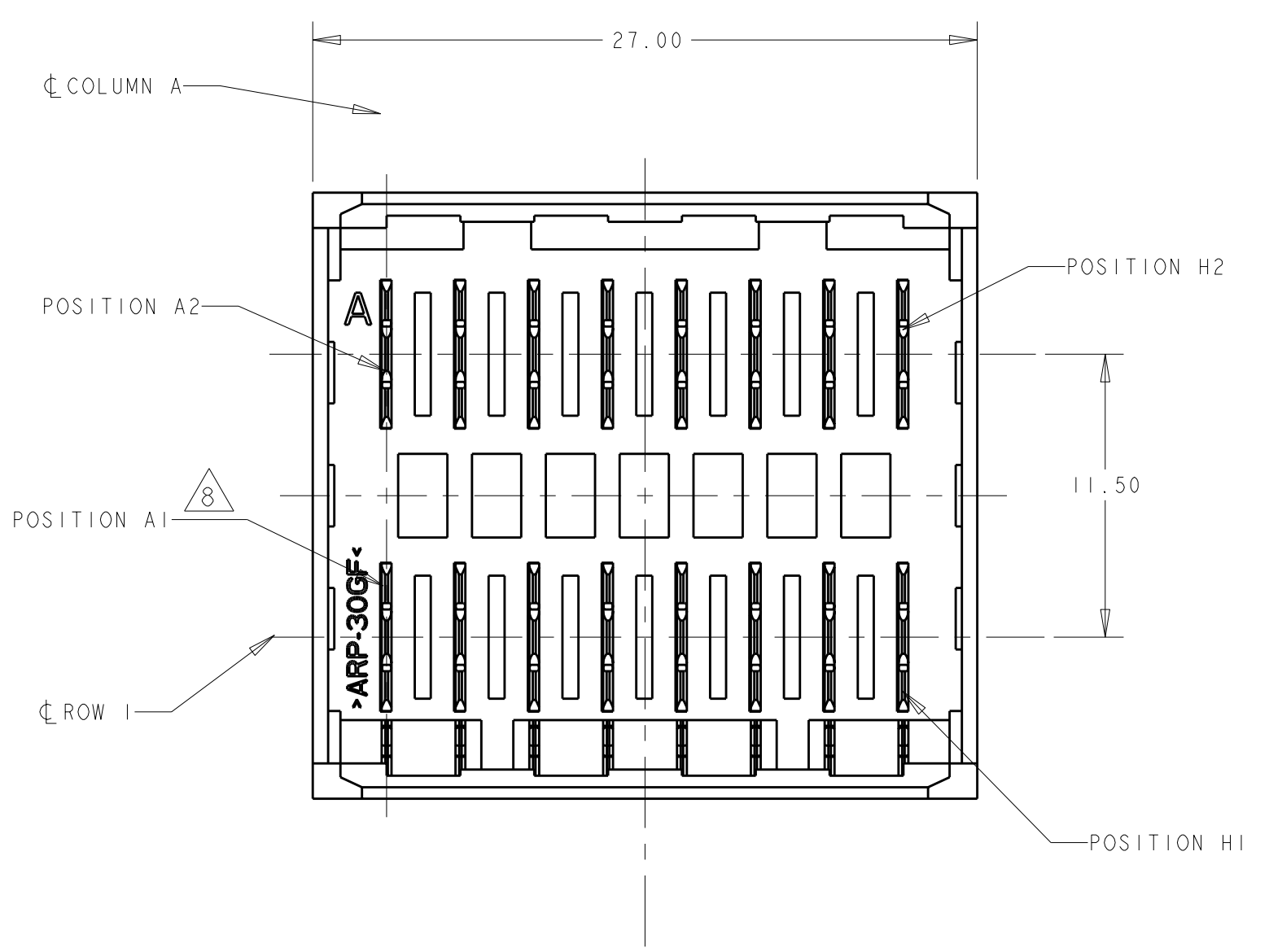
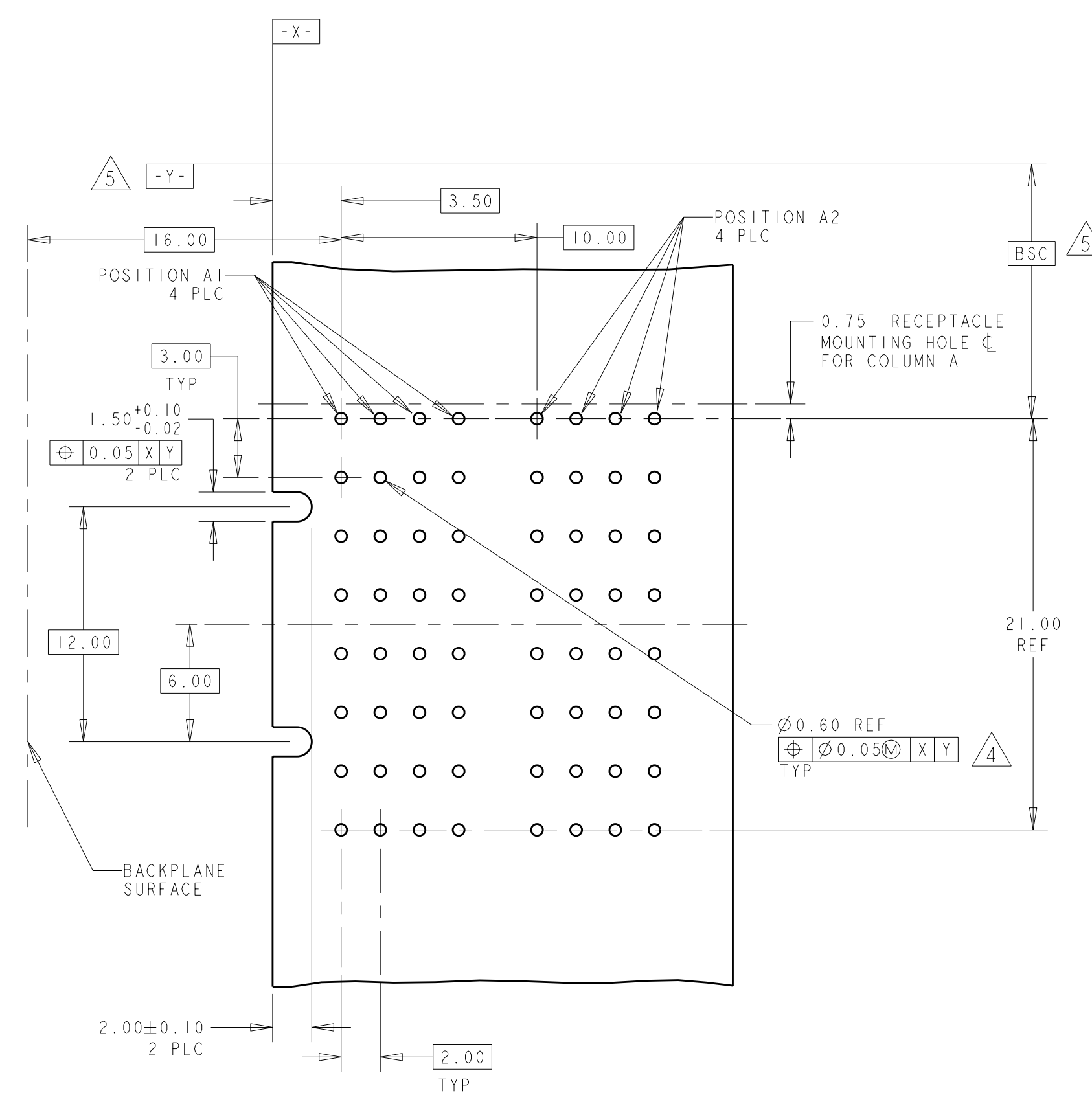
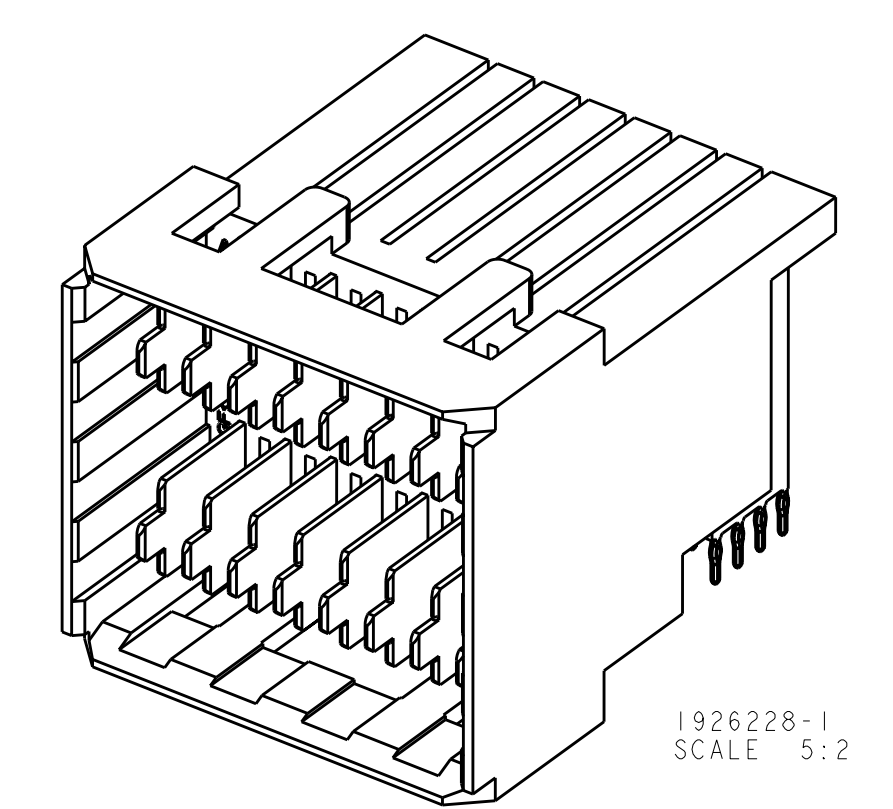
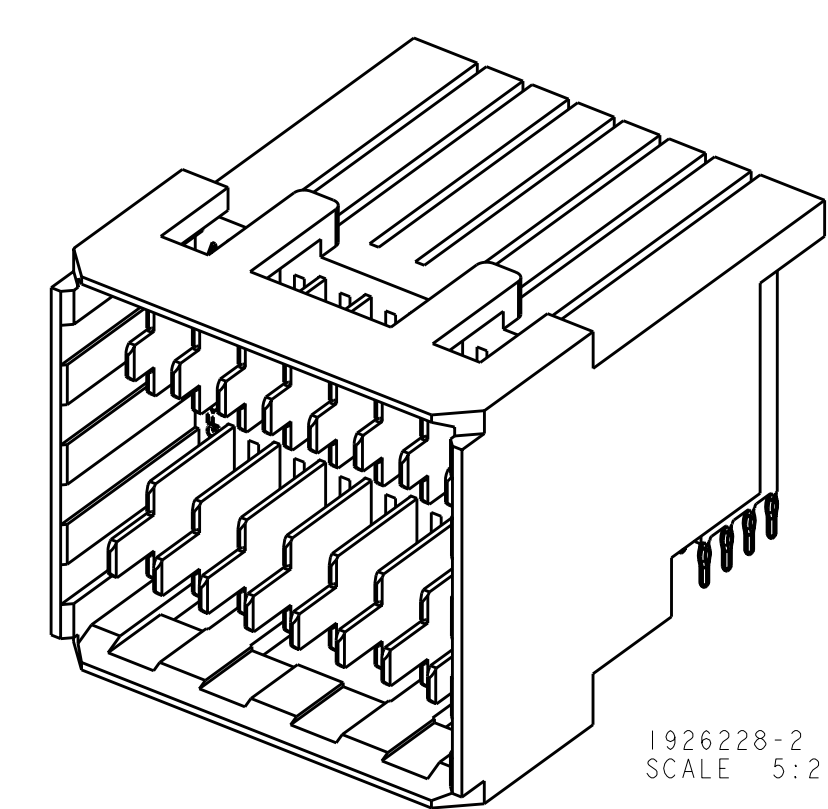


LOC	DIST	REVISIONS			
GP	00	REV	DATE	BY	APPD
A		RELEASED PER ECO-08-031666	29DEC2008	RG	PD

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 BRIGHT TIN-LEAD 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 I20992 FOR RECEPTACLE EXAMPLE. SEE APPLICATION SPEC I14-1103 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/LEAD  
 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.



RECOMMENDED PCB LAYOUT 6

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN		APVD		NAME			
mm	9 PLC ±.25	1 PLC ±.25	2 PLC ±.25	3 PLC ±.25	4 PLC ±.25	5 PLC ±.25	6 PLC ±.25	7 PLC ±.25	8 PLC ±.25		
	ANGLES ±1°					09JAN2007		09JAN2007			
MATERIAL				FINISH				CUSTOMER DRAWING			

A1, B1, C1, D1, E1, F1, G1, H1			A2, B2, C2, D2, E2, F2, G2, H2			1926228-2		
ALL			ALL			1926228-1		
LONG PIN LOCATION			SHORT PIN LOCATION			PART NO		

TYCO ELECTRONICS		Tyco Electronics	
108-2289	108-2289	108-2289	108-2289
100779	100779	100779	100779
ASSEMBLY, RIGHT ANGLE HEADER		ASSEMBLY, RIGHT ANGLE HEADER	
MINIPAK HDE, 2X8 POSITION		MINIPAK HDE, 2X8 POSITION	
SCALE 4:1		SCALE 4:1	
SHEET 1 OF 1		SHEET 1 OF 1	
REV A		REV A	