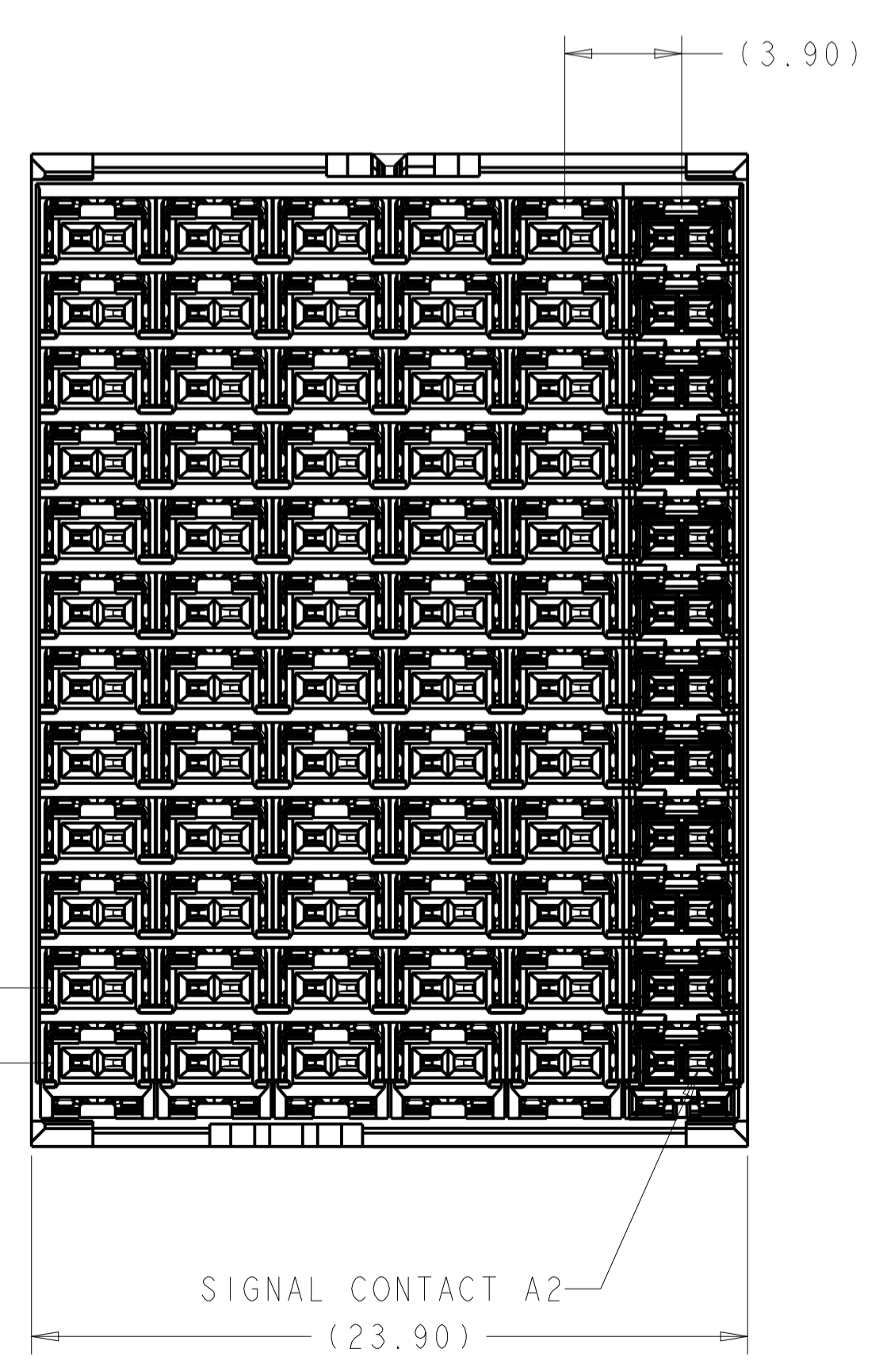
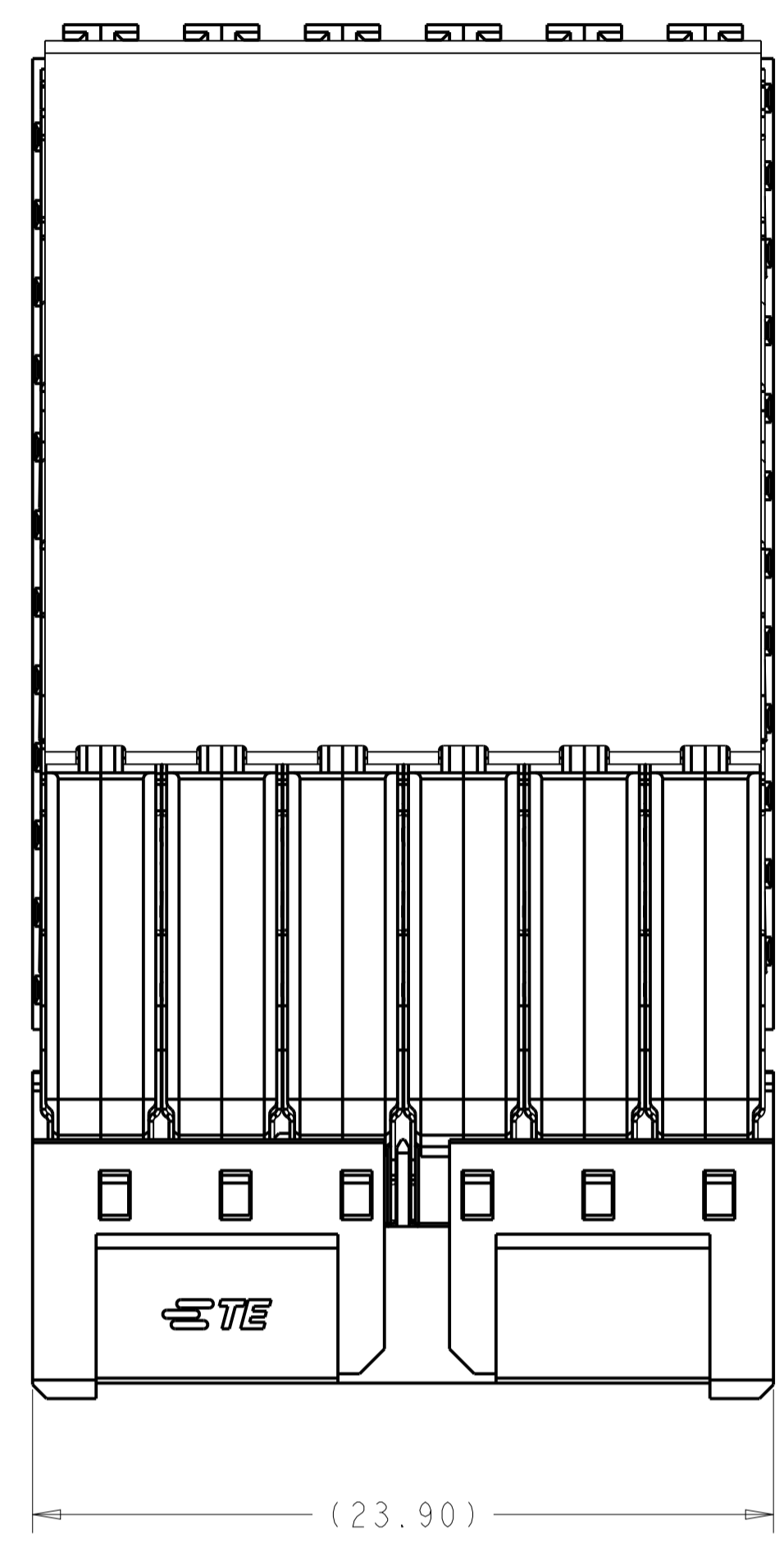
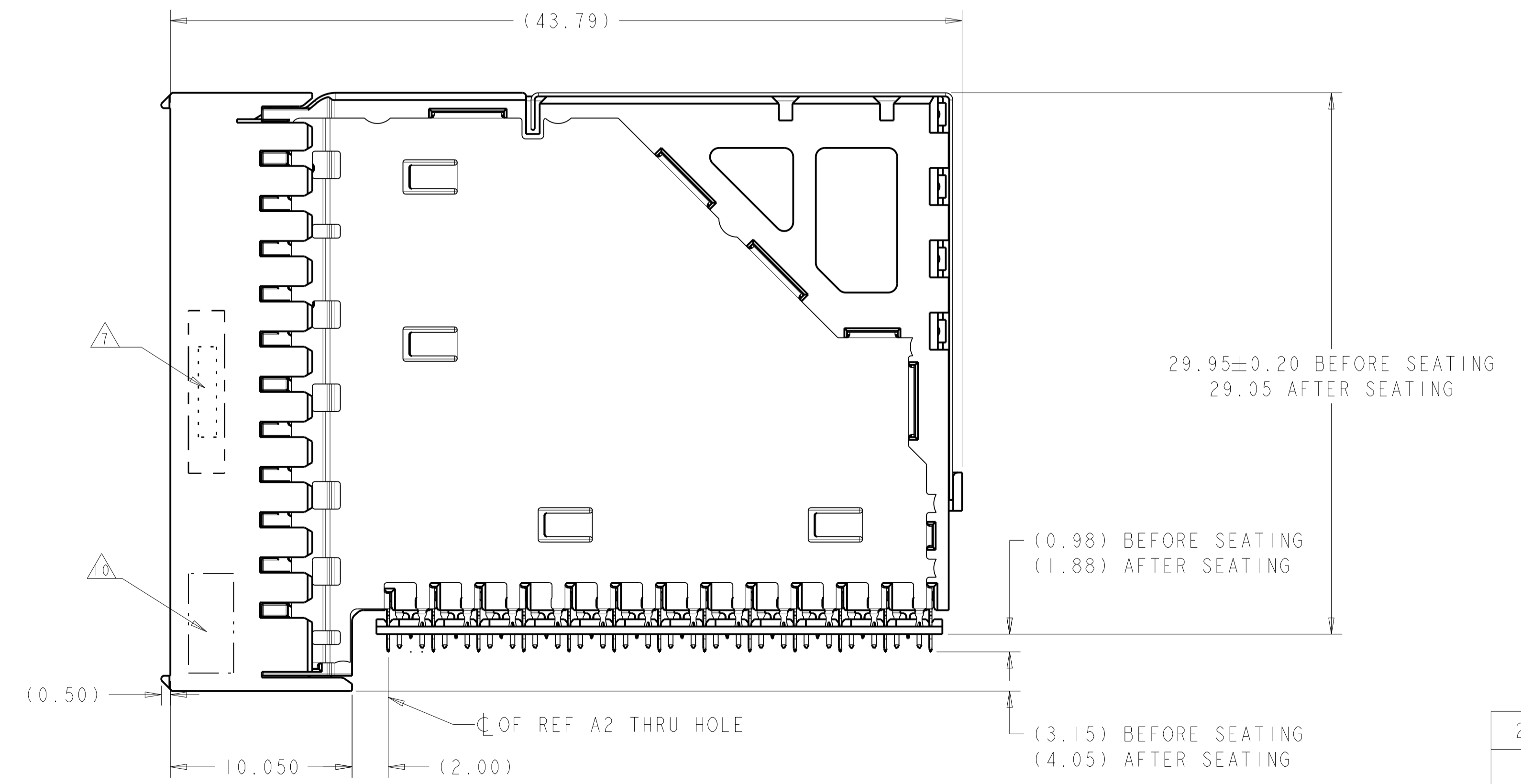


LOC		DIST		REVISIONS			
GP	00	P	LTN	DESCRIPTION	DATE	DWN	APVD
		D		REVISED PER ECO-19-006255	22APR2019	AP	RP
		E		REVISED PER ECO-19-006930	09MAY2019	AP	RP
		F		REVISED PER ECO-19-012865	20AUG2019	AP	RP
		G		REVISED PER ECO-21-003195	10MAR2021	AP	RP



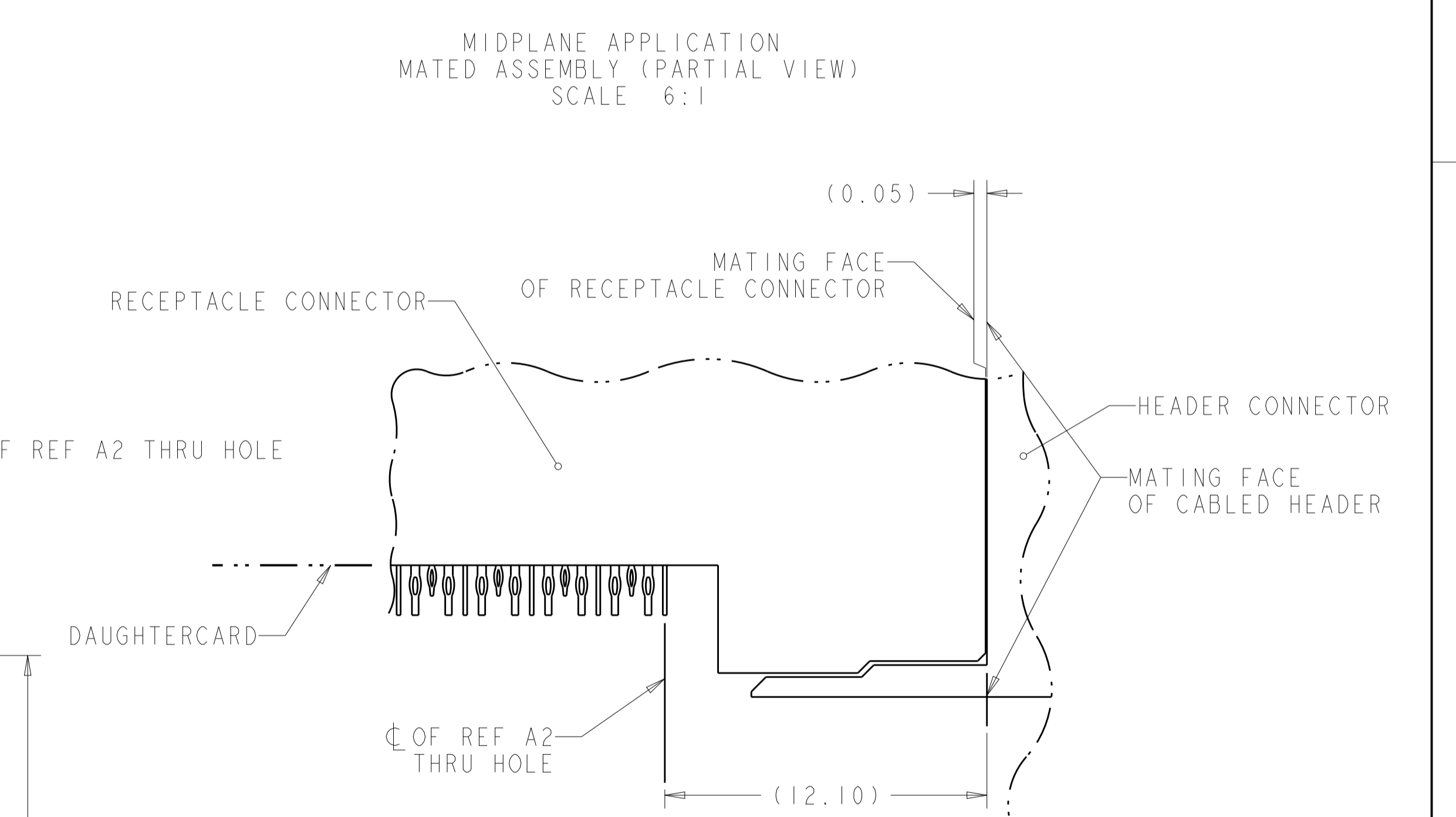
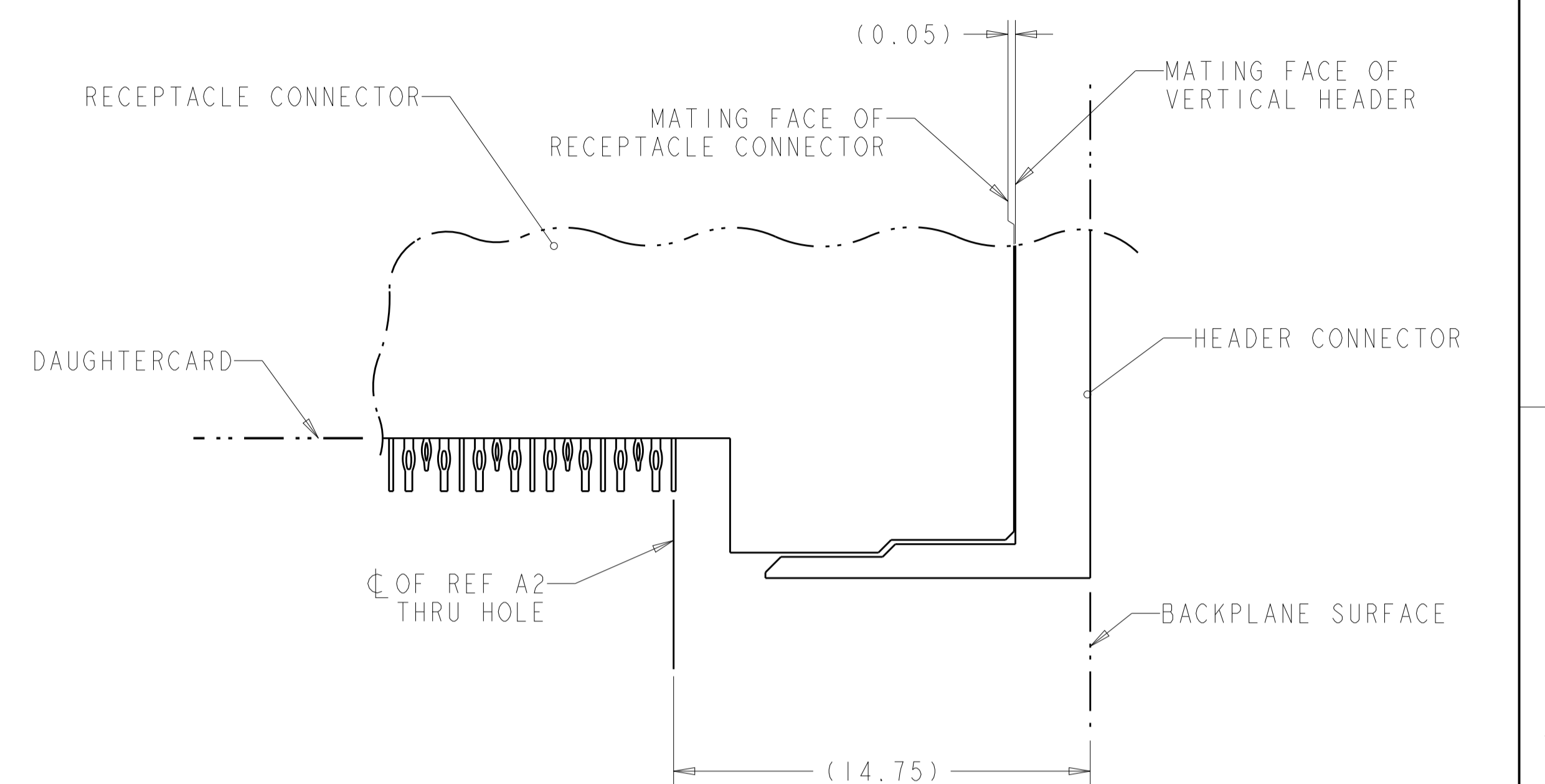
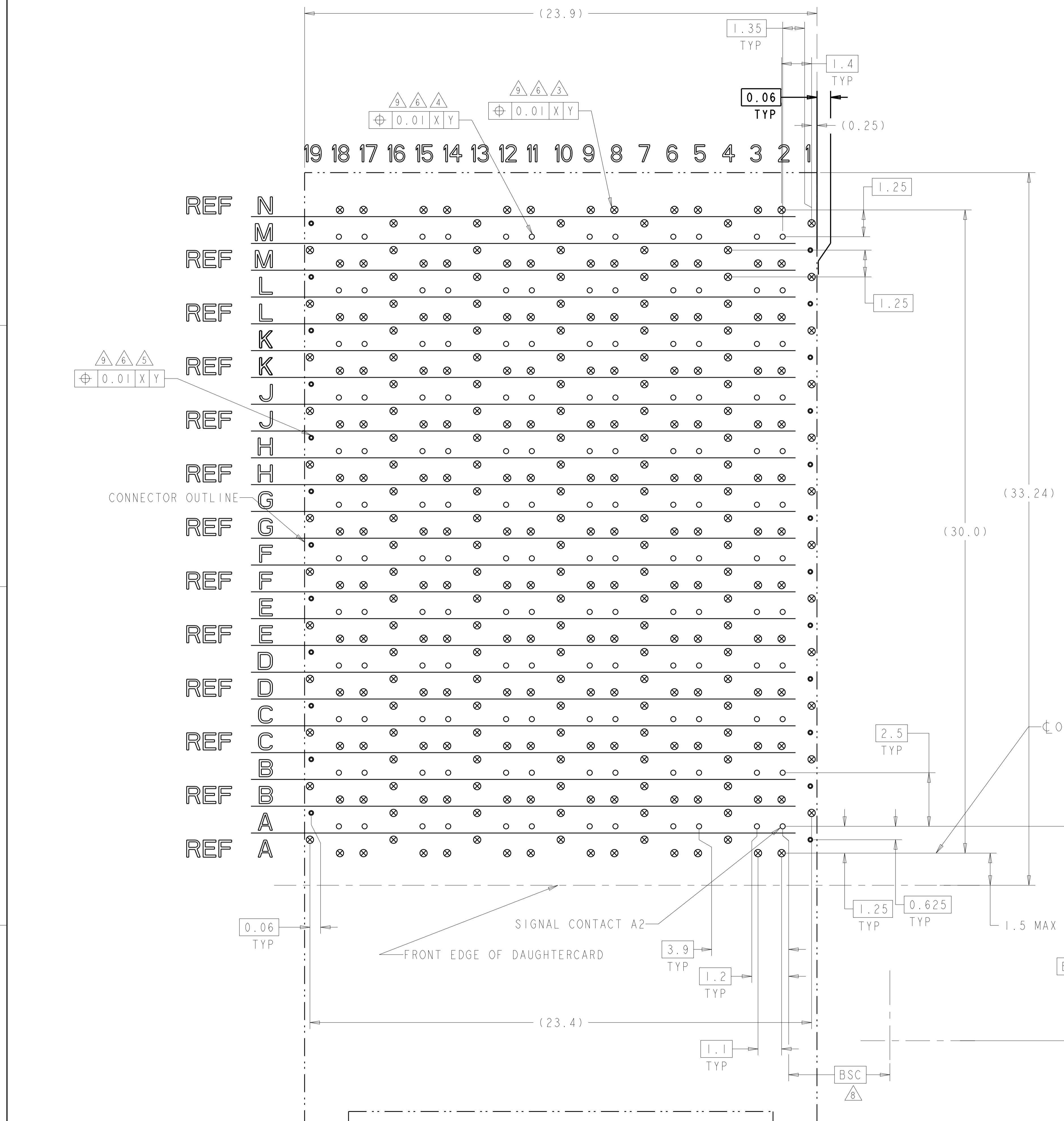
- 1 MATERIAL:
 CONTACTS AND SHIELDS - COPPER ALLOY
 ORGANIZER - STAINLESS STEEL
 HOUSING, GROUND SHELLS, AND PIN SPACER - THERMOPLASTIC, UL 94V-0, BLACK
- 2 FINISH:
 - CONFORMS TO THE REQUIREMENTS OF TE PRODUCT SPECIFICATION 108-32021
 BASED ON TELCORDIA GR-1217-CORE FOR SYSTEM QUALITY LEVEL III,
 APPLICATIONS IN CONTROLLED ENVIRONMENTS (CENTRAL OFFICE).
 - COMPLIANT PIN AREA: 0.5µm MIN MATTE TIN.
- 3 GROUND PLATED THRU HOLE REQUIREMENTS:
 FINISHED HOLE = $\varnothing 0.34 \pm 0.05$
 HOLE SIZE PRIOR TO PLATING = $\varnothing 0.420 \pm 0.025$
 COPPER THICKNESS = 0.025 MIN
 IMMERSION TIN IF APPLICABLE = 0.00095 REF
- 4 SIGNAL PLATED THRU HOLE REQUIREMENTS:
 FINISHED HOLE = $\varnothing 0.24 \pm 0.05$
 HOLE SIZE PRIOR TO PLATING = $\varnothing 0.320 \pm 0.025$
 COPPER THICKNESS = 0.025 MIN
 IMMERSION TIN IF APPLICABLE = 0.00095 REF
- 5 SI VIA PLATED THRU HOLE REQUIREMENTS:
 HOLE SIZE PRIOR TO PLATING = 0.300 ± 0.025
 COPPER THICKNESS = MIN REQUIRED TO MEET REQUIRED ELECTRICAL PERFORMANCE
- 6 SI VIAS & SIGNAL HOLES:
 PTH DIMENSIONS APPLY TO THE TOP 1.00mm OF THE PCB THICKNESS FROM THE
 CONNECTOR MOUNTING SIDE.
 GROUND HOLES:
 PTH DIMENSIONS APPLY TO THE TOP 1.25mm OF THE PCB THICKNESS FROM THE
 CONNECTOR MOUNTING SIDE.
- 7 CONNECTOR MARKED WITH PART NUMBER, DATE CODE, AND "100 OHM" IN
 APPROXIMATE AREA SHOWN.
- 8 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
- 9 APPLIES TO FINISHED HOLE DIAMETER.
- 10 DATAMATRIX BARCODE MARKING IN THIS AREA.



2187462-1
 PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. K. SHOBER 25NOV2013	TE Connectivity	
DIMENSIONS:		CHK E. WICKES 25NOV2013	NAME R/A RECEPTACLE ASSEMBLY, 100 OHM	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	PRODUCT SPEC 108-32021	
mm		APVD	APPLICATION SPEC 114-32029	
0 PLC ±		APVD	SIZE A1	
1 PLC ±0.13		APVD	CAGE CODE 00779	
2 PLC ±		APVD	DRAWING NO 2187462	
3 PLC ±		APVD	RESTRICTED TO	
4 PLC ±		APVD	SCALE 1:1	
ANGLES ±		APVD	SHEET 1 of 2	
FINISH		APVD	REV G	
MATERIAL		APVD	CUSTOMER DRAWING	

LOC	DIST	REV	DATE	BY	APPV
		1			
		2			
		3			
		4			



○ = SIGNAL
 ⊗ = GROUND
 ⊙ = SIGNAL INTEGRITY VIA TO GROUND

RECOMMENDED PCB LAYOUT
 SINGLE CONNECTOR (STACKABLE)
 COMPONENT SIDE SHOWN
 SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN J. K. SHOBER 25NOV2013 CHK E. WICKES 25NOV2013	TE Connectivity	
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD		
mm	0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ±	PRODUCT SPEC 108-32021	R/A RECEPTACLE ASSEMBLY, 100 OHM	
	ANGLES	APPLICATION SPEC 114-32029	12 PAIR, 6 COLUMN, PAIR-IN-ROW, STRADA WHISPER	
MATERIAL	FINISH	WEIGHT	SIZE CAGE CODE DRAWING NO. A1 00779 C=2187462	
		Customer Drawing	RESTRICTED TO	
SCALE 1:1			SHEET 2 OF 2	
			REV G	

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