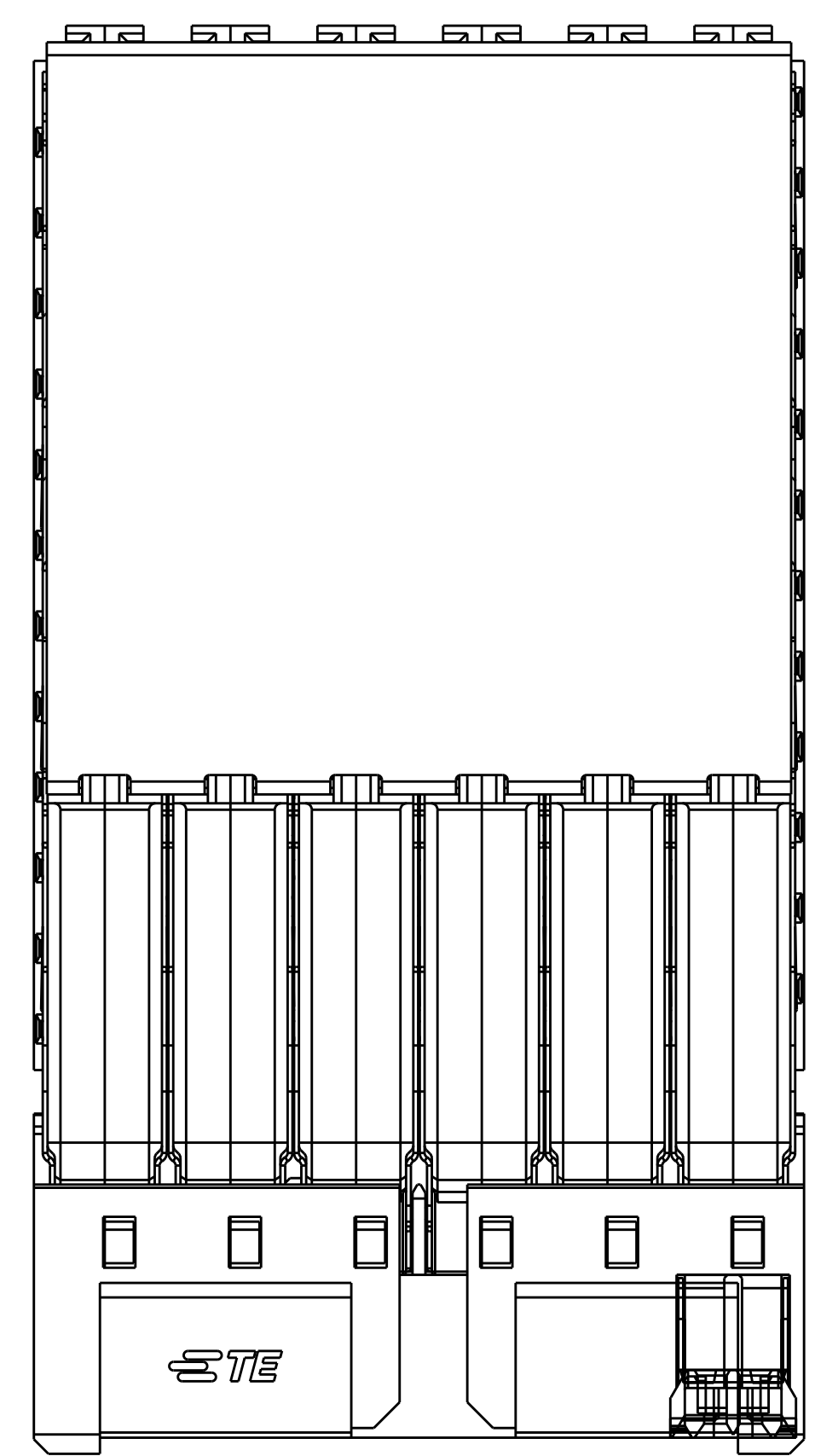
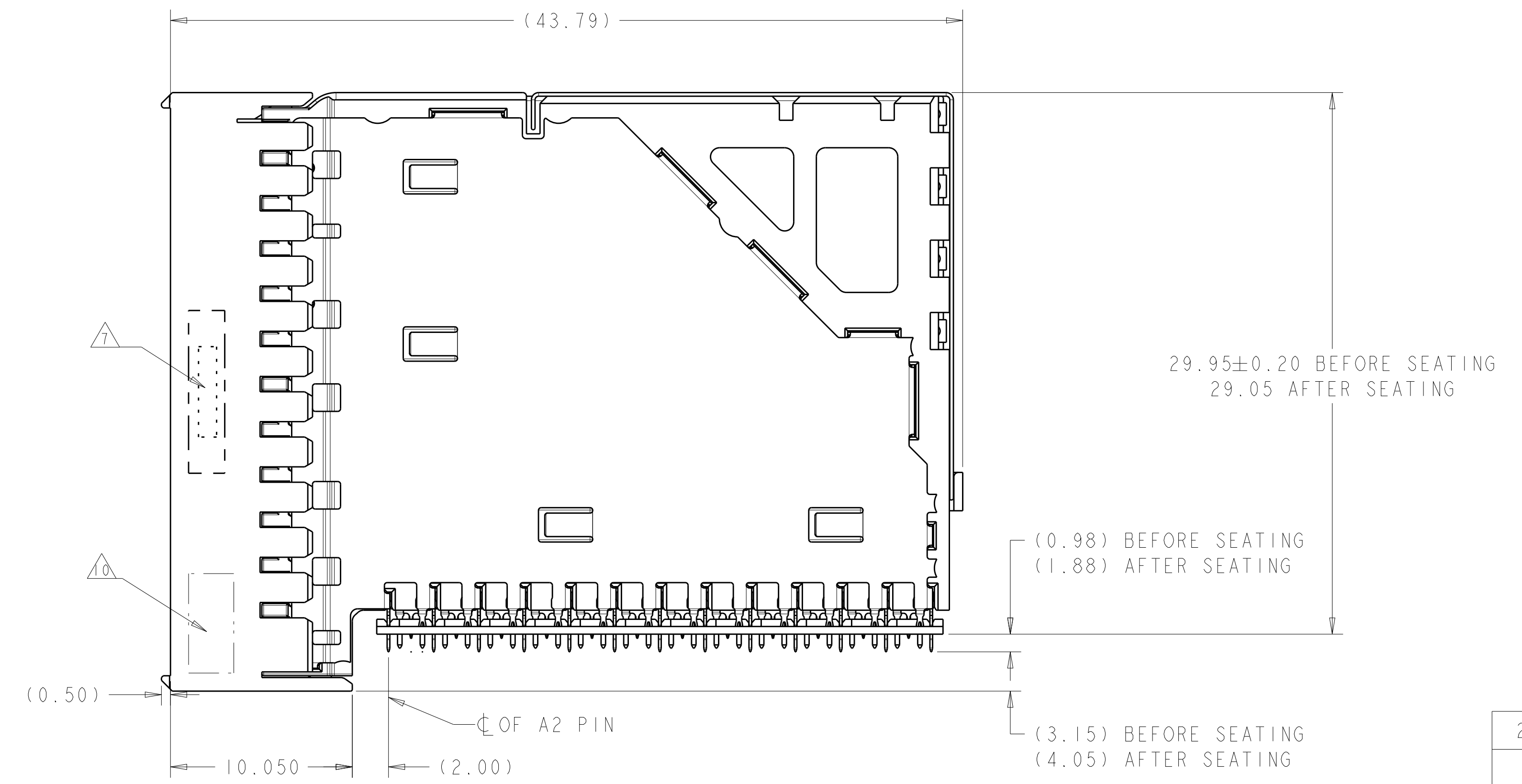
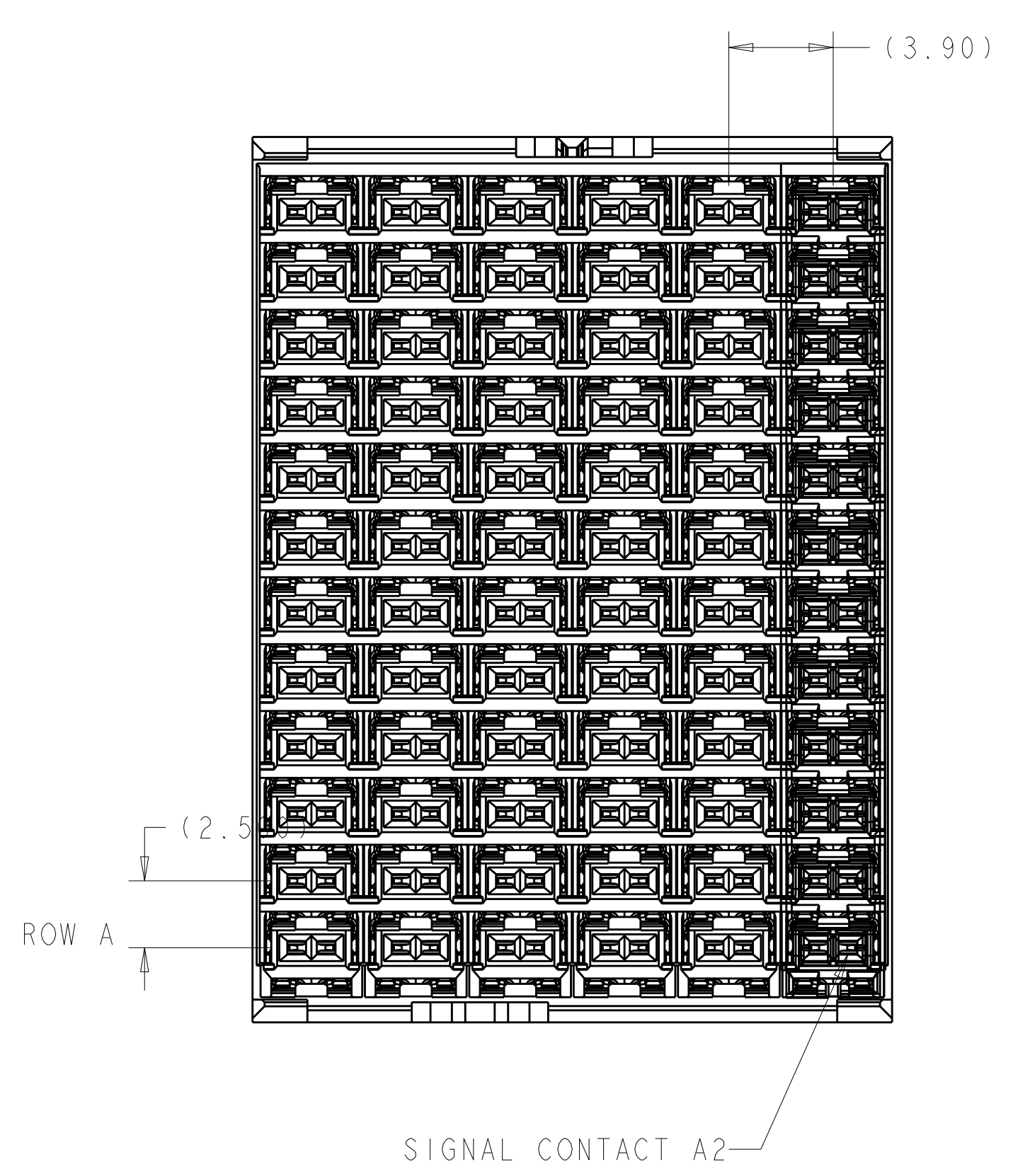


LOC	DIST	REVISIONS					
GP	00	P	LTN	DESCRIPTION	DATE	DWN	APVD
		B		REVISED PER ECO-16-007341	16MAY2016	AP	RP
		C		REVISED PER ECO-17-003153	14MAR2017	AP	RP



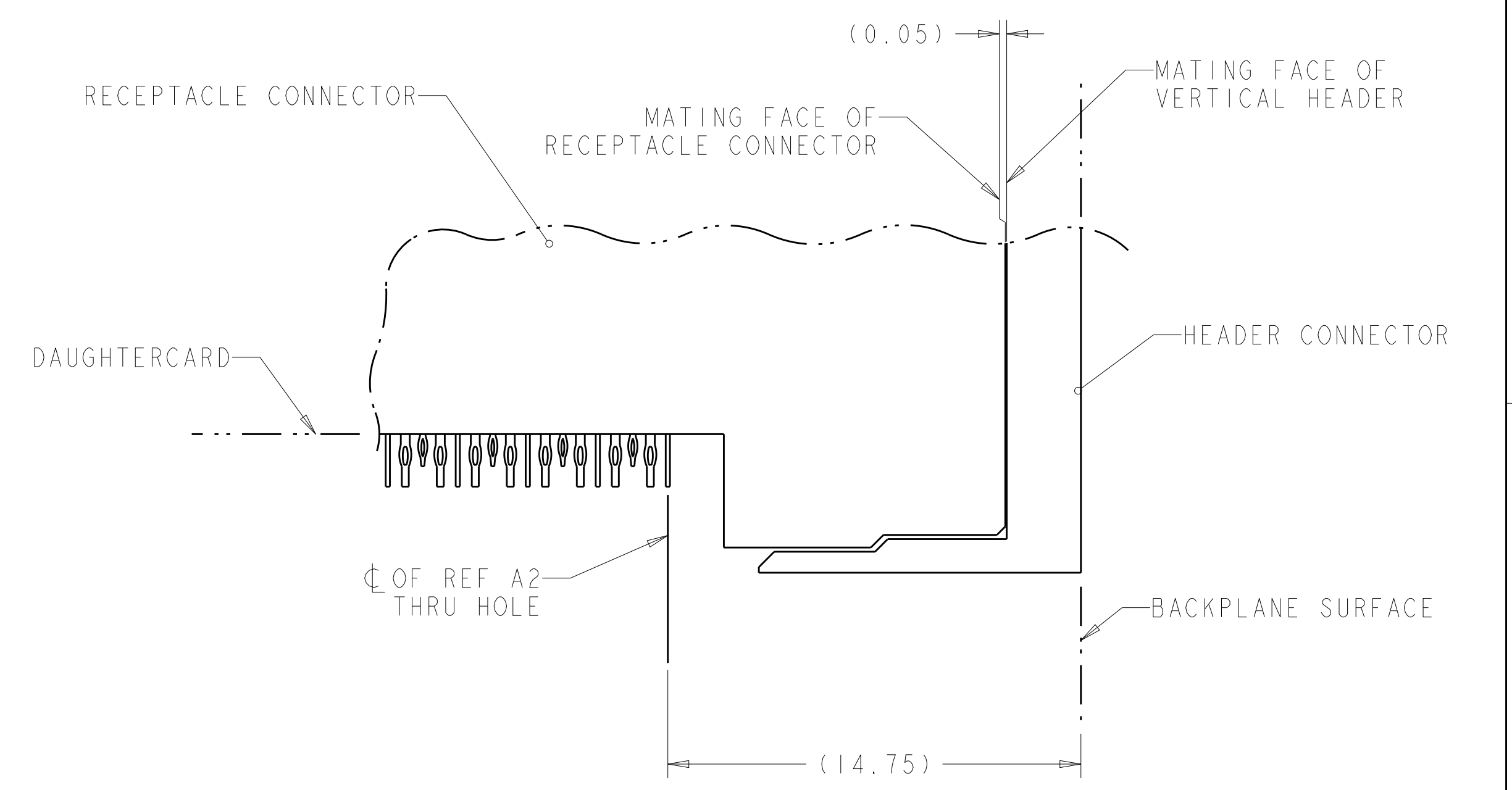
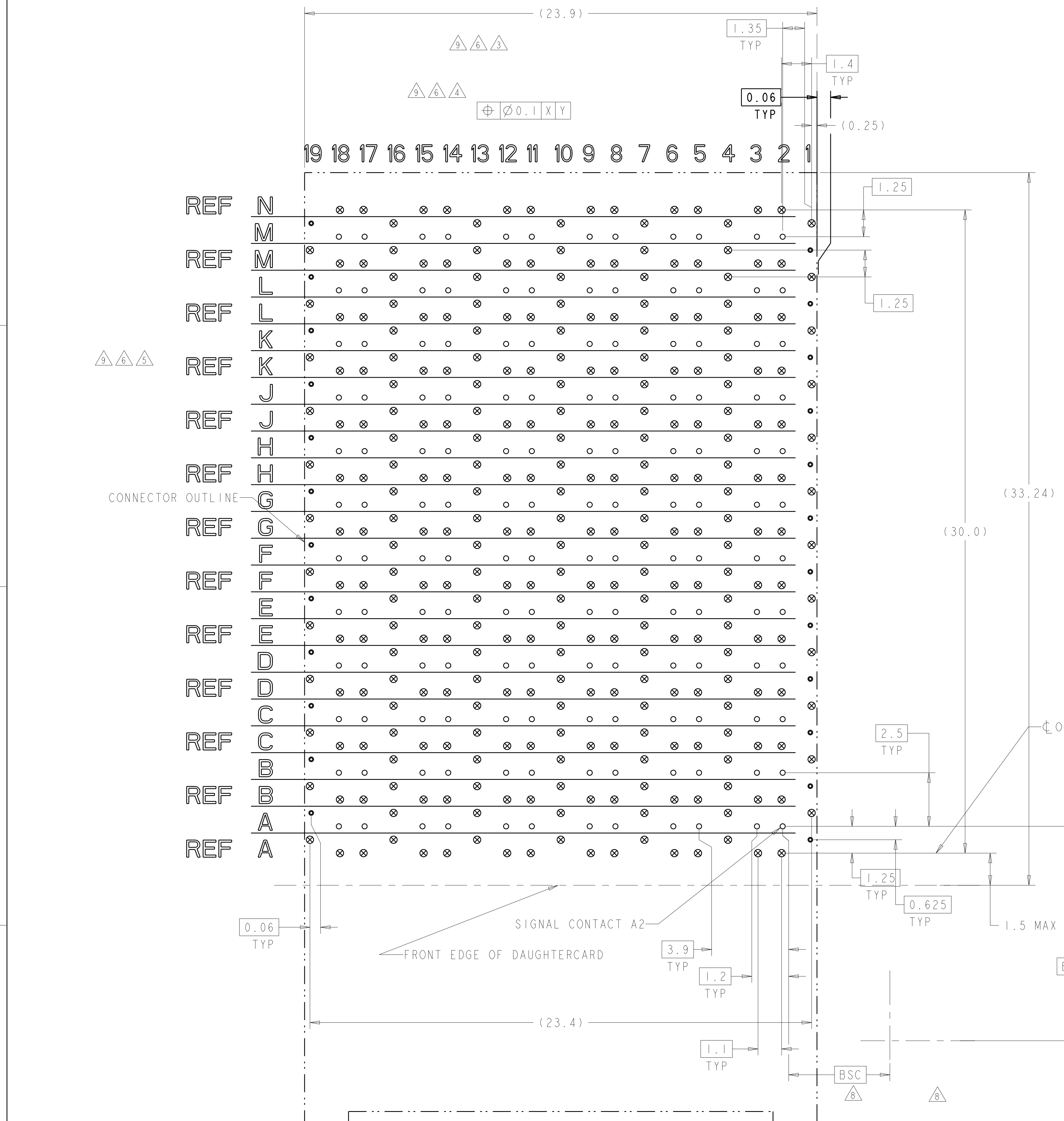
- 1 MATERIAL:  
 CONTACTS AND SHIELDS - COPPER ALLOY  
 ORGANIZER - STAINLESS STEEL  
 HOUSING, GROUND SHELLS, AND PIN SPACER - THERMOPLASTIC, UL 94V-0, BLACK
- 2 FINISH:  
 - CONFORMS TO THE REQUIREMENTS OF TE PRODUCT SPECIFICATION 108-32021  
 BASED ON TELCORDIA GR-1217-CORE FOR SYSTEM QUALITY LEVEL 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 =  $\varnothing 0.24 \pm 0.04$   
 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 =  $0.300 \pm 0.025$   
 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.



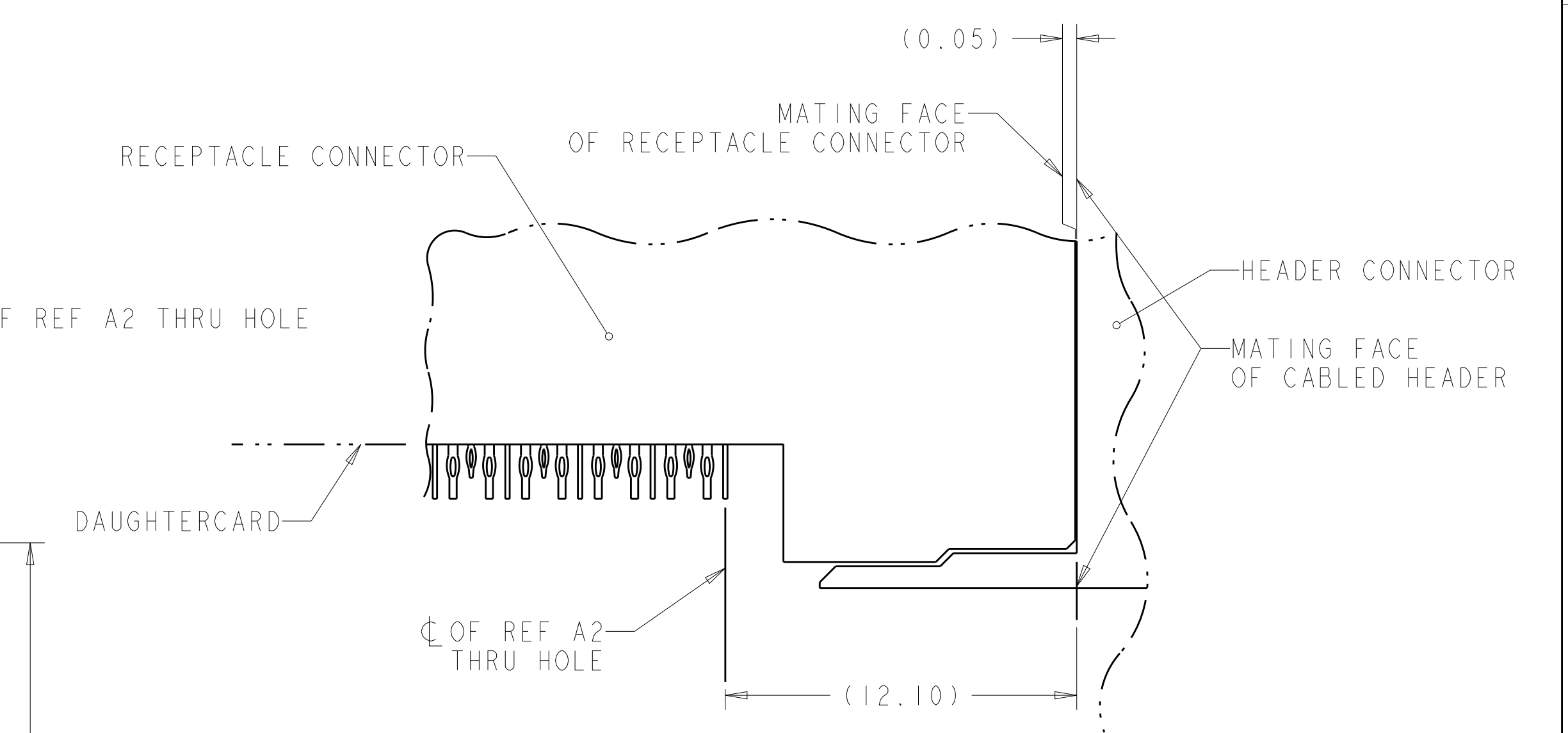
2187462-1  
 PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. K. SHOBER 25NOV2013	TE Connectivity NAME R/A RECEPTACLE ASSEMBLY, 100 OHM 12 PAIR, 6 COLUMN, PAIR-IN-ROW, STRADA WHISPER	
DIMENSIONS:		CHK E. WICKES 25NOV2013		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD	PRODUCT SPEC	RESTRICTED TO
0 PLC	±		108-32021	
1 PLC	±0.13		APPLICATION SPEC	
2 PLC	±		SIZE	
3 PLC	±		114-32029	
4 PLC	±		WEIGHT	
ANGLES	±		A1 00779 C=2187462	
MATERIAL	FINISH		CUSTOMER DRAWING	SCALE 1:1 SHEET 1 OF 2 REV C

LOC	DIST	REV	DATE	BY	APPV
		1			



MIDPLANE APPLICATION  
 MATED ASSEMBLY (PARTIAL VIEW)  
 SCALE 6:1



CABLED HEADER APPLICATION  
 MATED ASSEMBLY (PARTIAL VIEW)  
 SCALE 6:1

- = 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	APVD E. WICKES 25NOV2013	TE Connectivity	
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC	NAME	R/A RECEPTACLE ASSEMBLY, 100 OHM	
mm	0 PLC ±	108-32021	SIZE	12 PAIR, 6 COLUMN,	
	1 PLC ±	APPLICATION SPEC	SCALE	PAIR-IN-ROW, STRADA WHISPER	
	2 PLC ±	114-32029	RESTRICTED TO	-	
	3 PLC ±	WEIGHT	Customer Drawing	-	
	4 PLC ±	SCALE	1:1	SHEET 2 OF 2	
	ANGLES	REV	C		