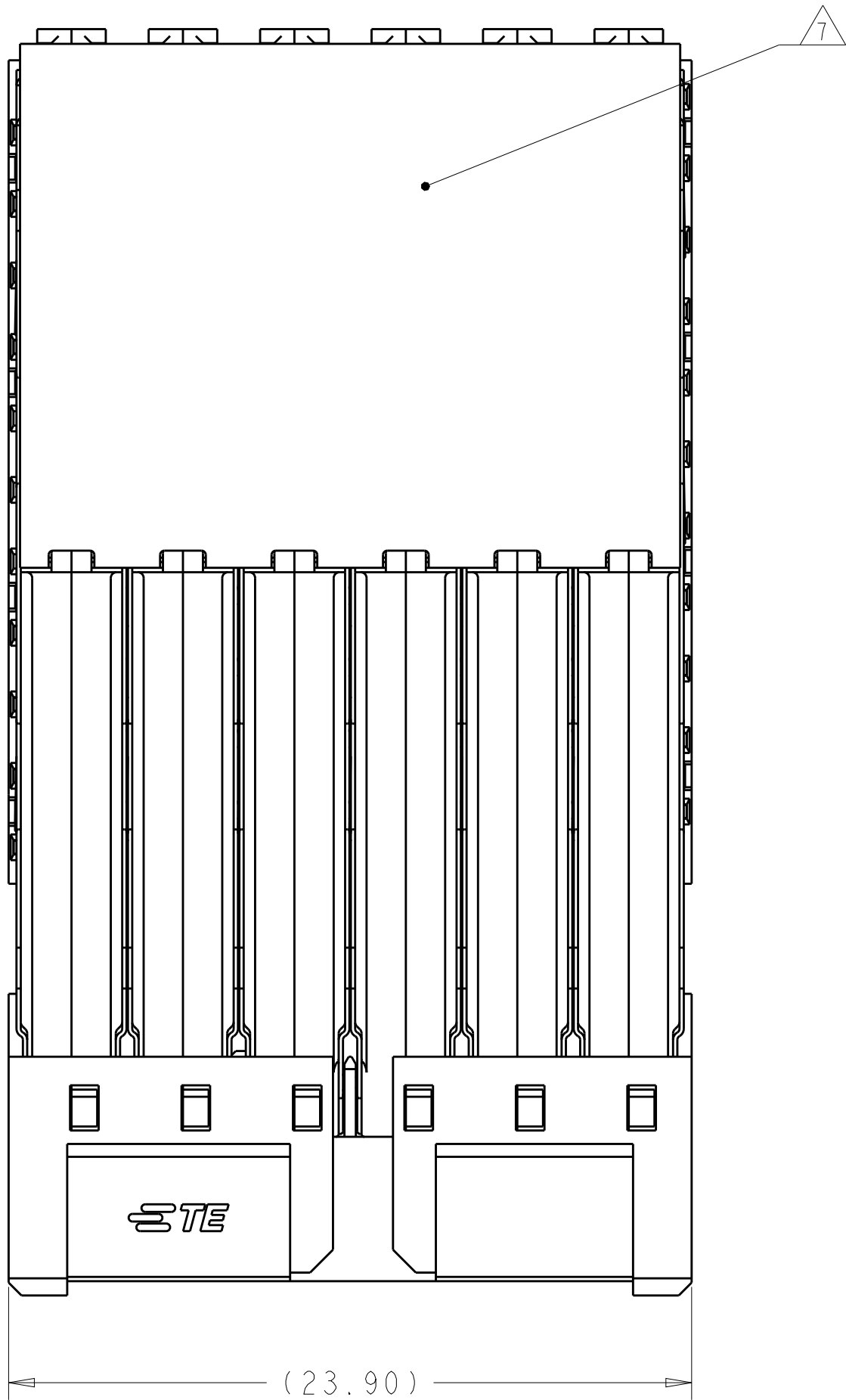
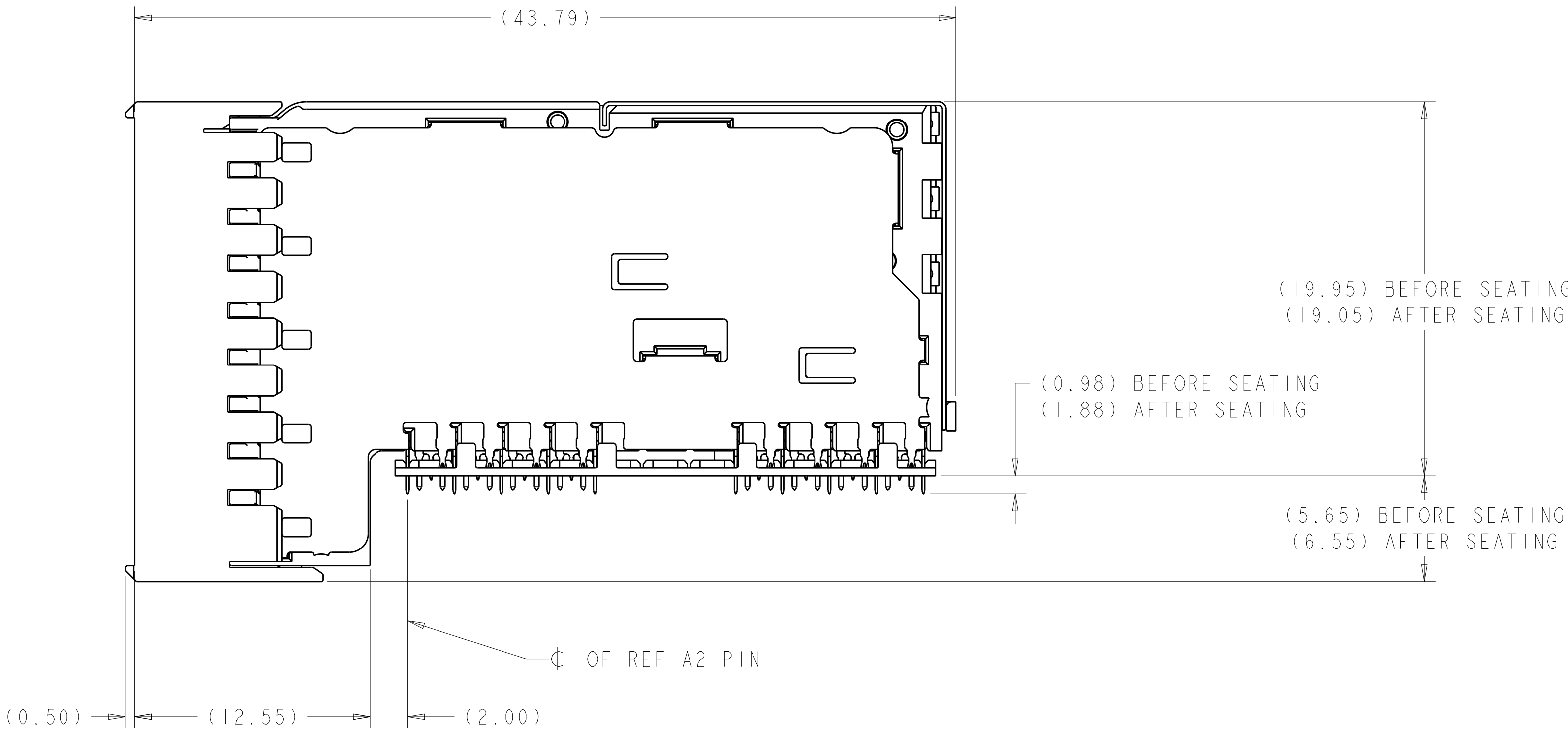
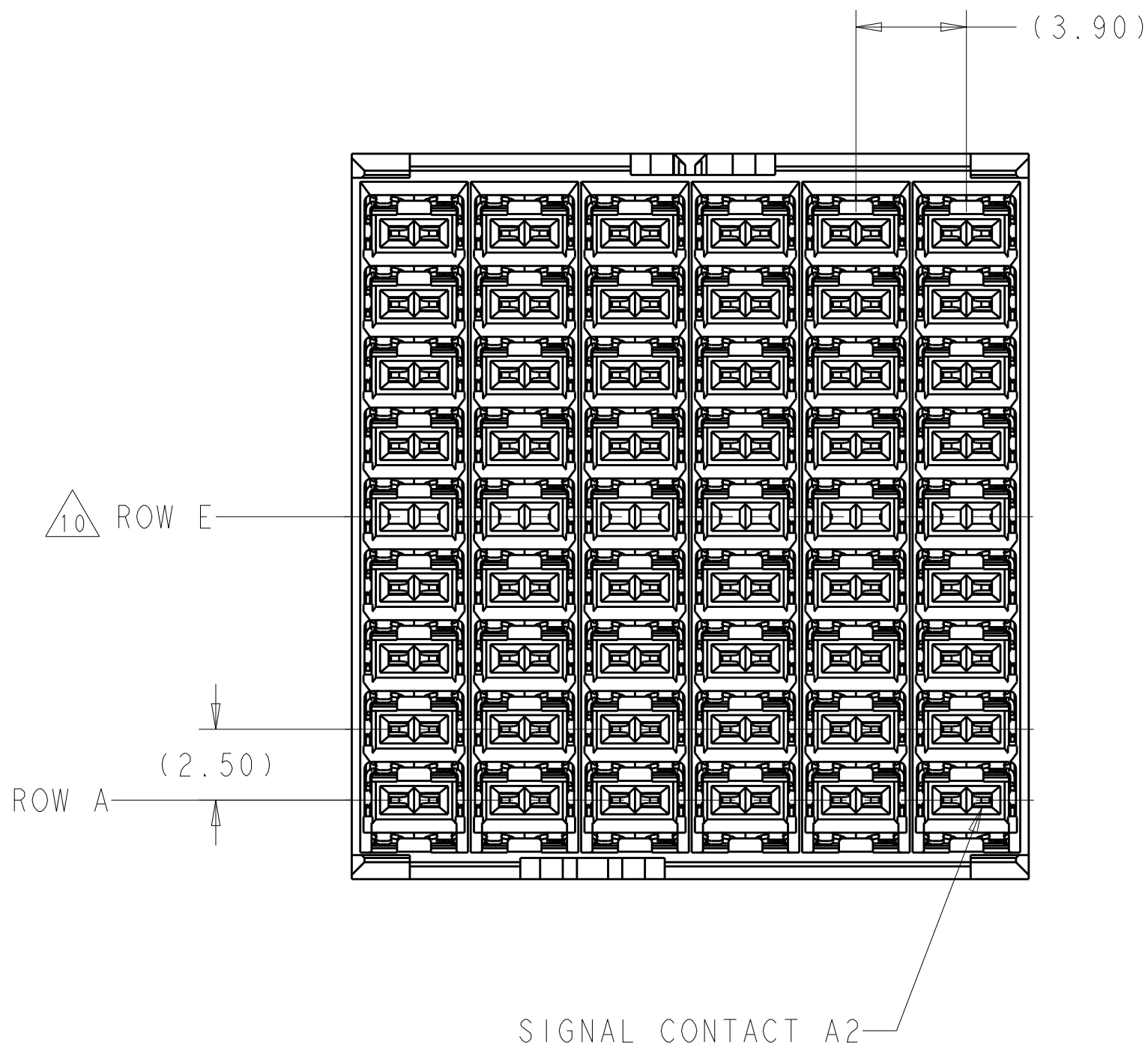


LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
-	-	12		REV NOTES 1, 6; ADD PROD AND APP SPEC.	08OCT2013	LAW
		13		UPDATED HEIGHT	11NOV13	EW
		14		REVISED	14JAN2014	JKS
		15		REVISED	22OCT2014	NE

APVD:	SF
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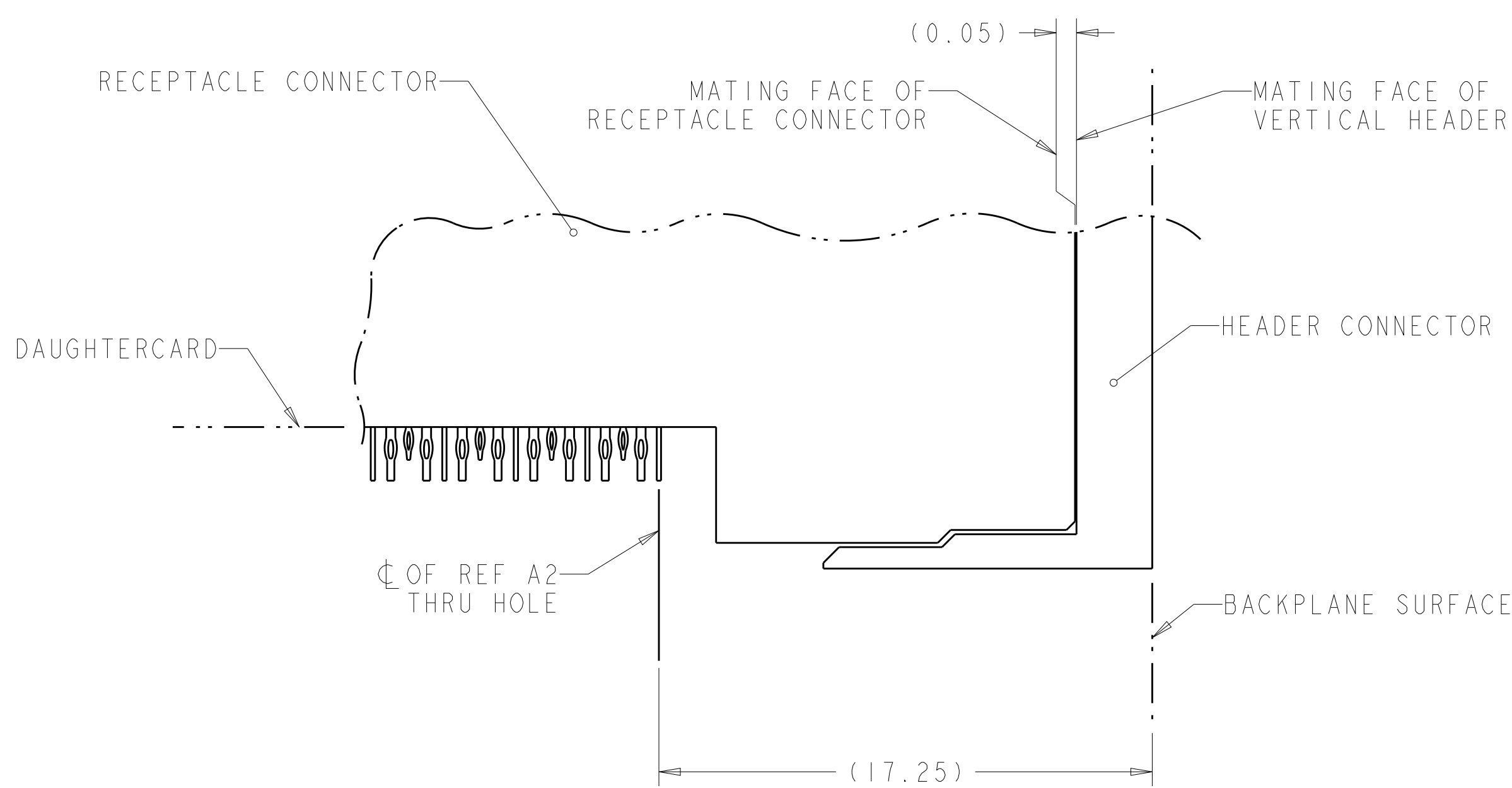


- 1 MATERIAL:
CONTACTS AND SHIELDS - COPPER ALLOY
ORGANIZER - STAINLESS STEEL
HOUSING, GROUND SHELLS, AND PIN SPACER - THERMOPLASTIC, UL 94V-0, BLACK
- 2 FINISH:
- CONFORMS TO THE REQUIREMENTS OF TE PRODUCT SPECIFICATION 108-32021
BASED ON TELCORDIA GR-1217-CORE FOR SYSTEM QUALITY LEVEL III,
APPLICATIONS IN CONTROLLED ENVIRONMENTS (CENTRAL OFFICE).
- COMPLIANT PIN AREA: 0.5µm MIN MATTE TIN.
- 3 GROUND PLATED THRU HOLE REQUIREMENTS:
FINISHED HOLE = Ø 0.34±0.05
HOLE SIZE PRIOR TO PLATING = Ø 0.420±0.025
COPPER THICKNESS = 0.025 MIN
IMMERSION TIN IF APPLICABLE = 0.00095 REF
- 4 SIGNAL PLATED THRU HOLE REQUIREMENTS:
FINISHED HOLE = Ø 0.24±0.04
HOLE SIZE PRIOR TO PLATING = Ø 0.320±0.025
COPPER THICKNESS = 0.025 MIN
IMMERSION TIN IF APPLICABLE = 0.00095 REF
- 5 SI VIA PLATED THRU HOLE REQUIREMENTS:
FINISHED HOLE = Ø 0.22 REF
HOLE SIZE PRIOR TO PLATING = Ø 0.300±0.025
COPPER THICKNESS = 0.025 MIN
IMMERSION TIN IF APPLICABLE = 0.00095 REF
- 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 NO SIGNAL CONTACTS IN ROW E.

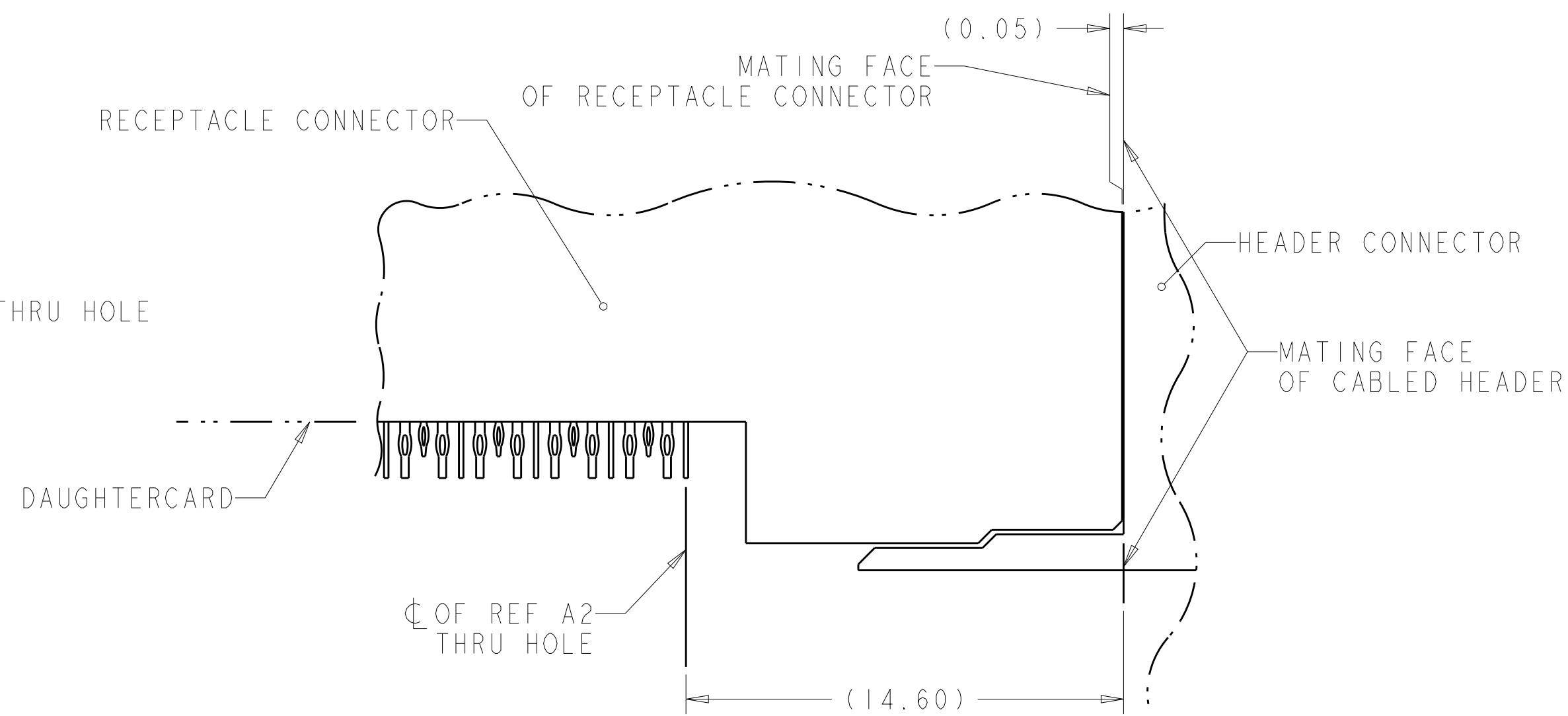


THIS PRODUCT HAS NOT
COMPLETED VALIDATION AND
QUALIFICATION TESTING

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. WELDON 04NOV2011	TE Connectivity	
DIMENSIONS:		CHK W. DAVIS 04NOV2011		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD S. WELDON 08OCT2013	NAME: R/A RECEPTACLE ASSEMBLY, 100 OHM	
0 PLC ±"	1 PLC ±"	PRODUCT SPEC	9 PAIR, 6 COLUMN, ROW E SKIPPED,	
2 PLC ±"	3 PLC ±"	APPLICATION SPEC	PAIR-IN-ROW, STRADA WHISPER	
4 PLC ±"	ANGLES ±"	114-32029	SIZE: A1	
MATERIAL	FINISH	WEIGHT -	CAGE CODE: 00779	
1	2	CUSTOMER DRAWING	DRAWING NO: 2187194	
SCALE: 5:1		SHEET 1 OF 2		REV 15



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 (NON-STACKING)
COMPONENT SIDE SHOWN
SCALE 10:1

THIS PRODUCT HAS NOT
COMPLETED VALIDATION AND
QUALIFICATION TESTING

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 04NOV2011 S. WELDON CHK W. DAVIS 04NOV2011 APVD 08OCT2013 S. FLICKINGER		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		NAME R/A RECEPTACLE ASSEMBLY, 100 OHM 9 PAIR, 6 COLUMN, ROW E SKIPPED, PAIR-IN-ROW, STRADA WHISPER	
		PRODUCT SPEC 108-32021 APPLICATION SPEC 114-32029		SIZE A1	
MATERIAL 		FINISH 		CODE 00779	
		WEIGHT -		DRAWING NO C=2187194	
		CUSTOMER DRAWING		SCALE 1:1 SHEET 2 OF 2 REV 15	