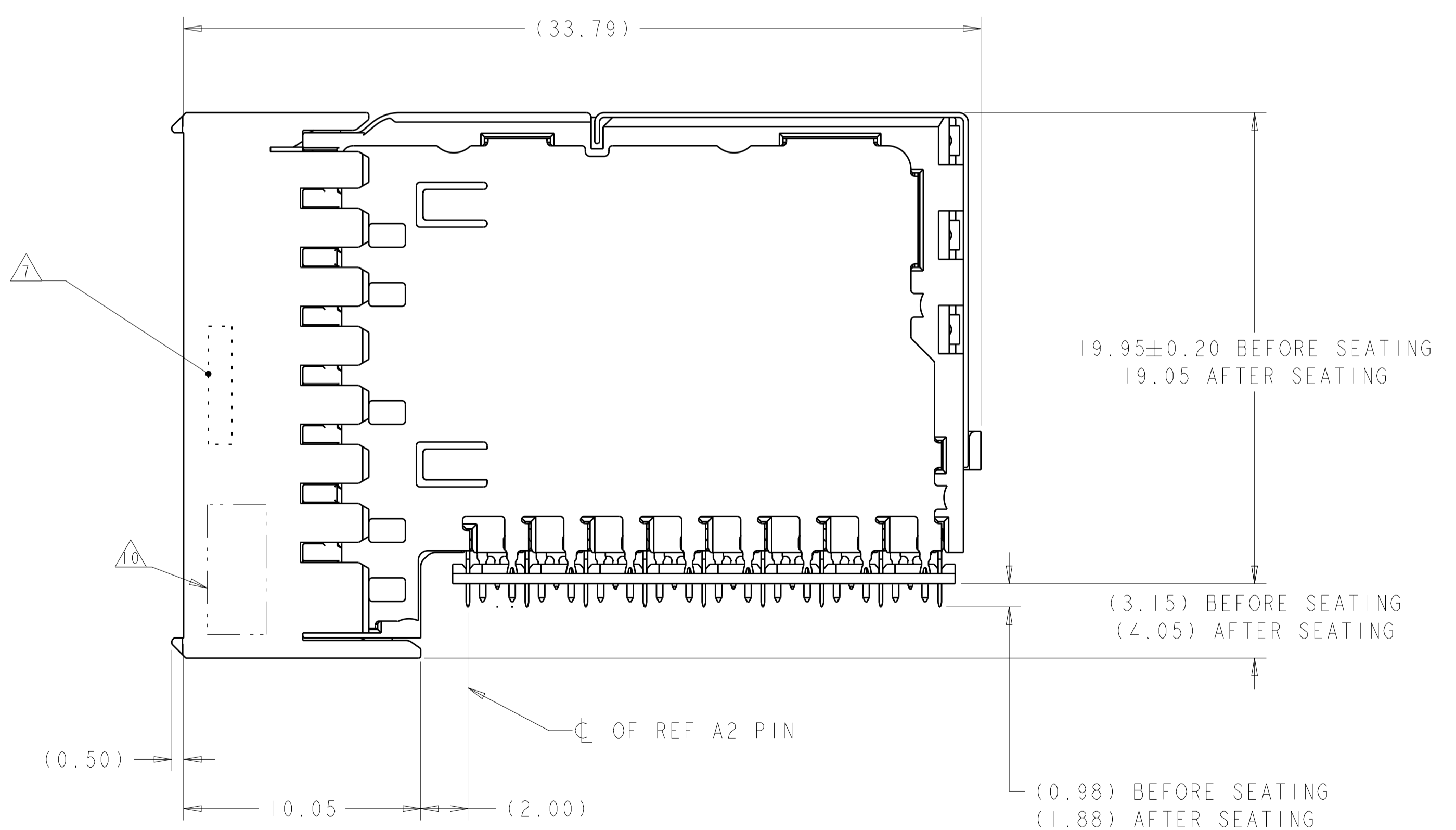
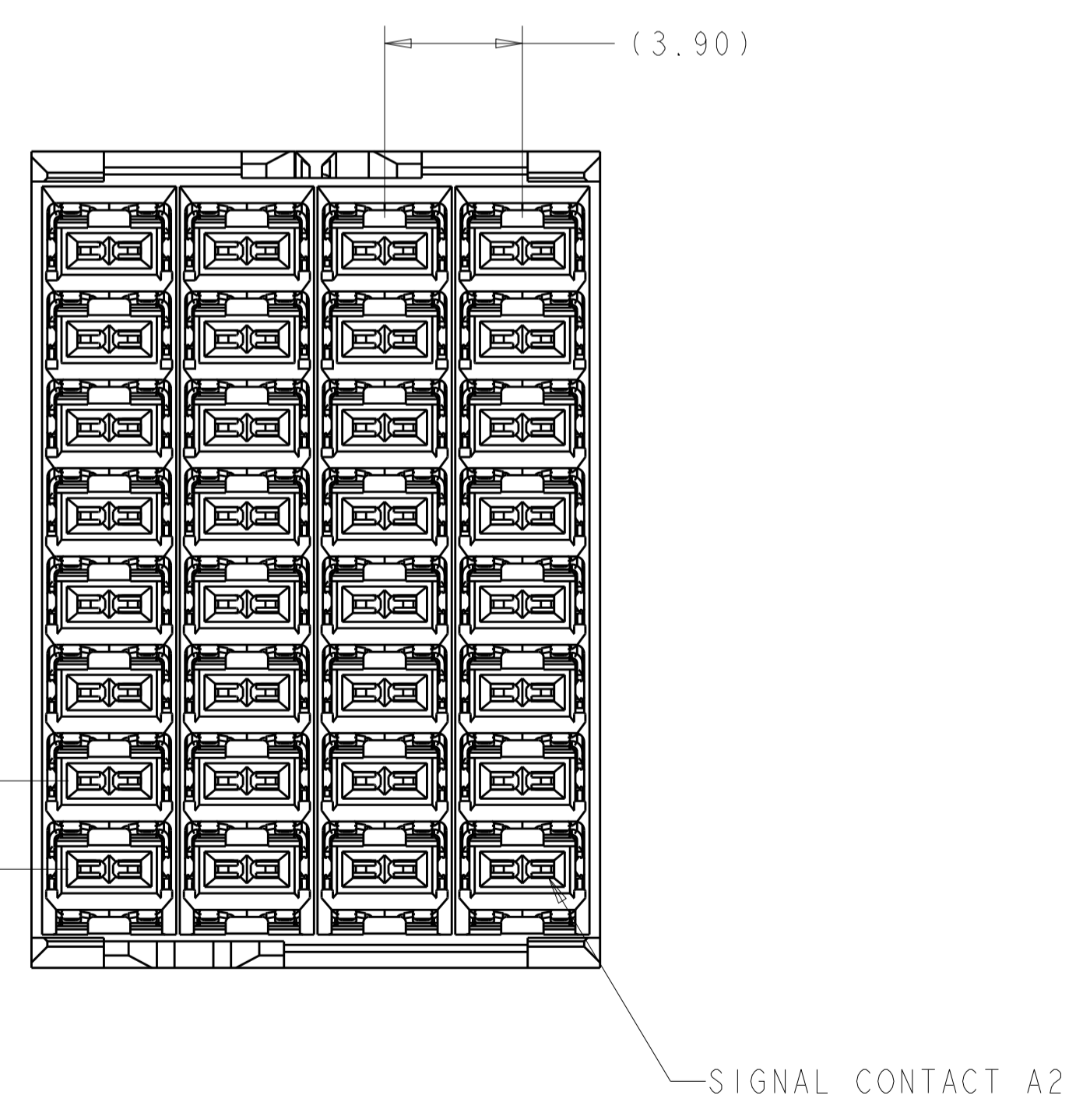
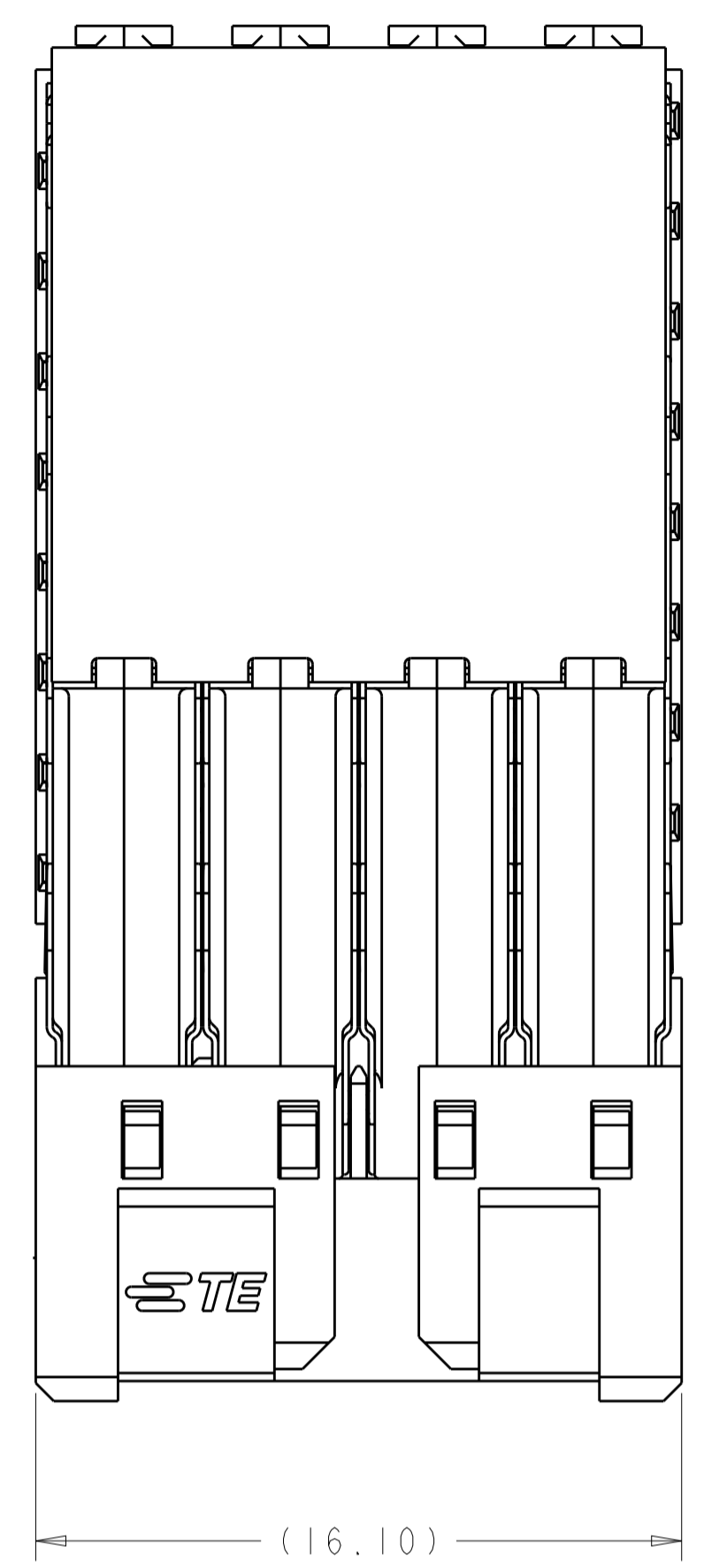


REVISIONS				
P.	LTN.	DESCRIPTION	DATE	APVD.
B		REVISED PER ECO-16-007341	17MAY2016	AP RP
C		REVISED PER ECO-16-015291	25OCT2016	AP RP

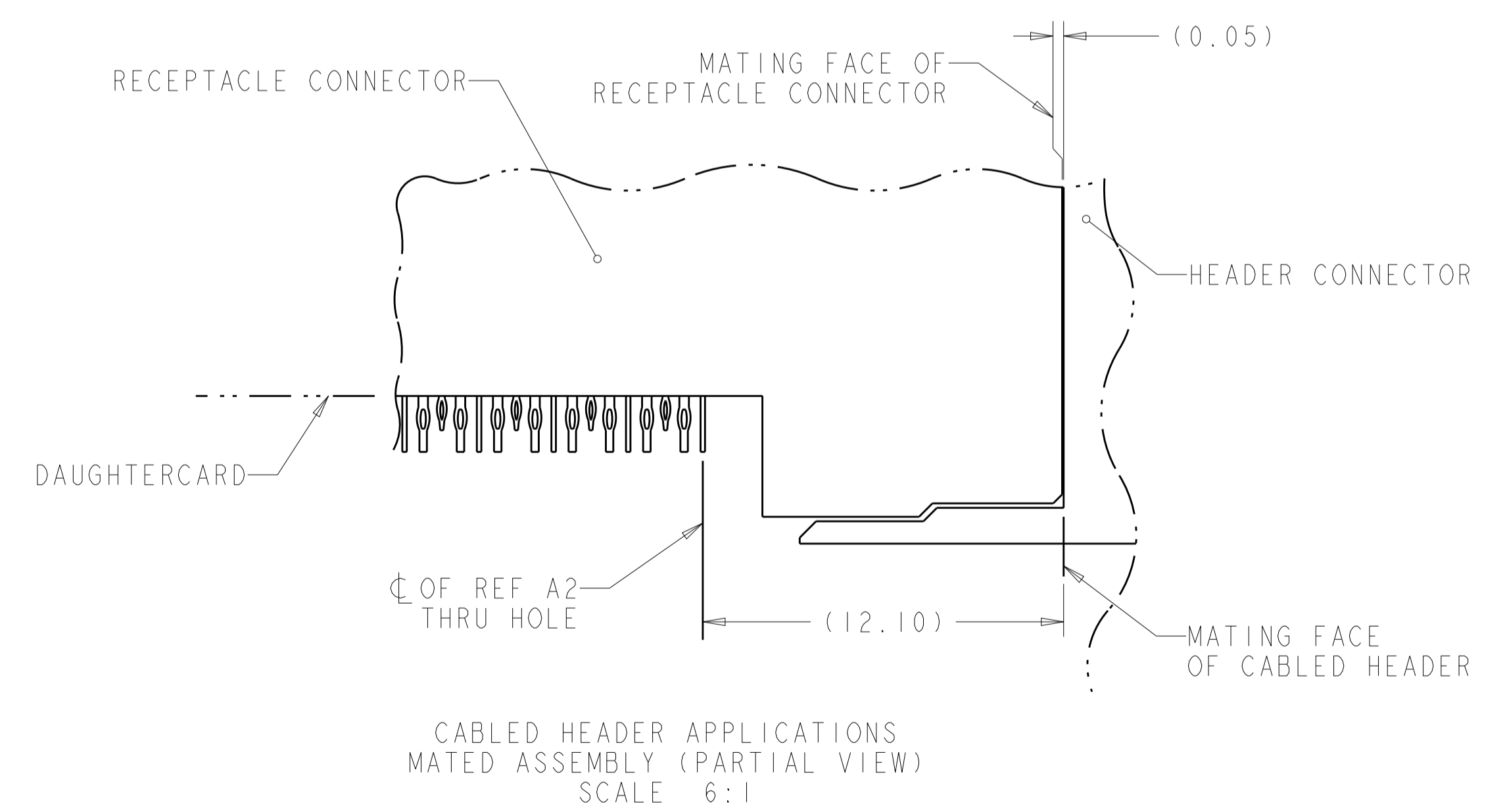
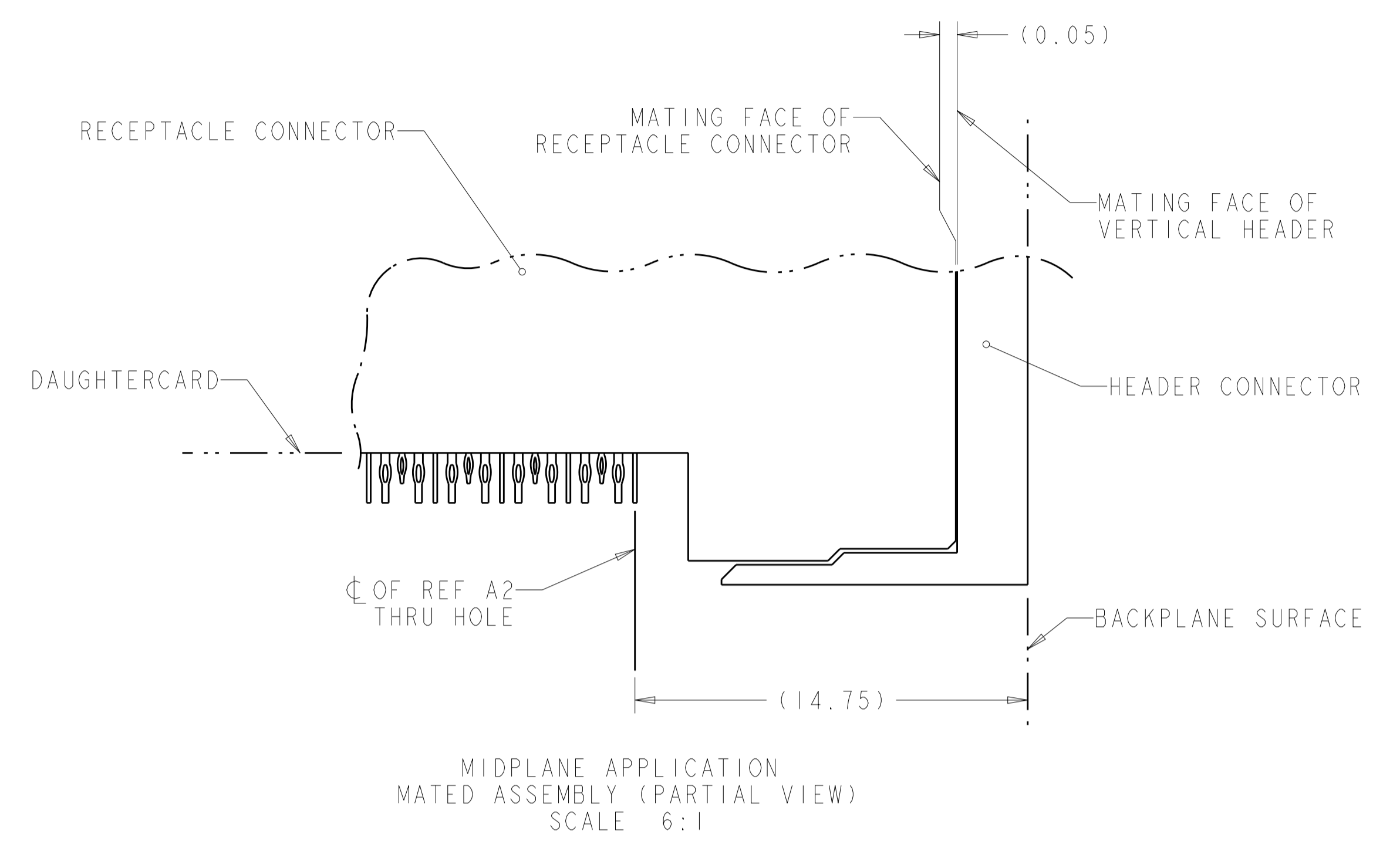
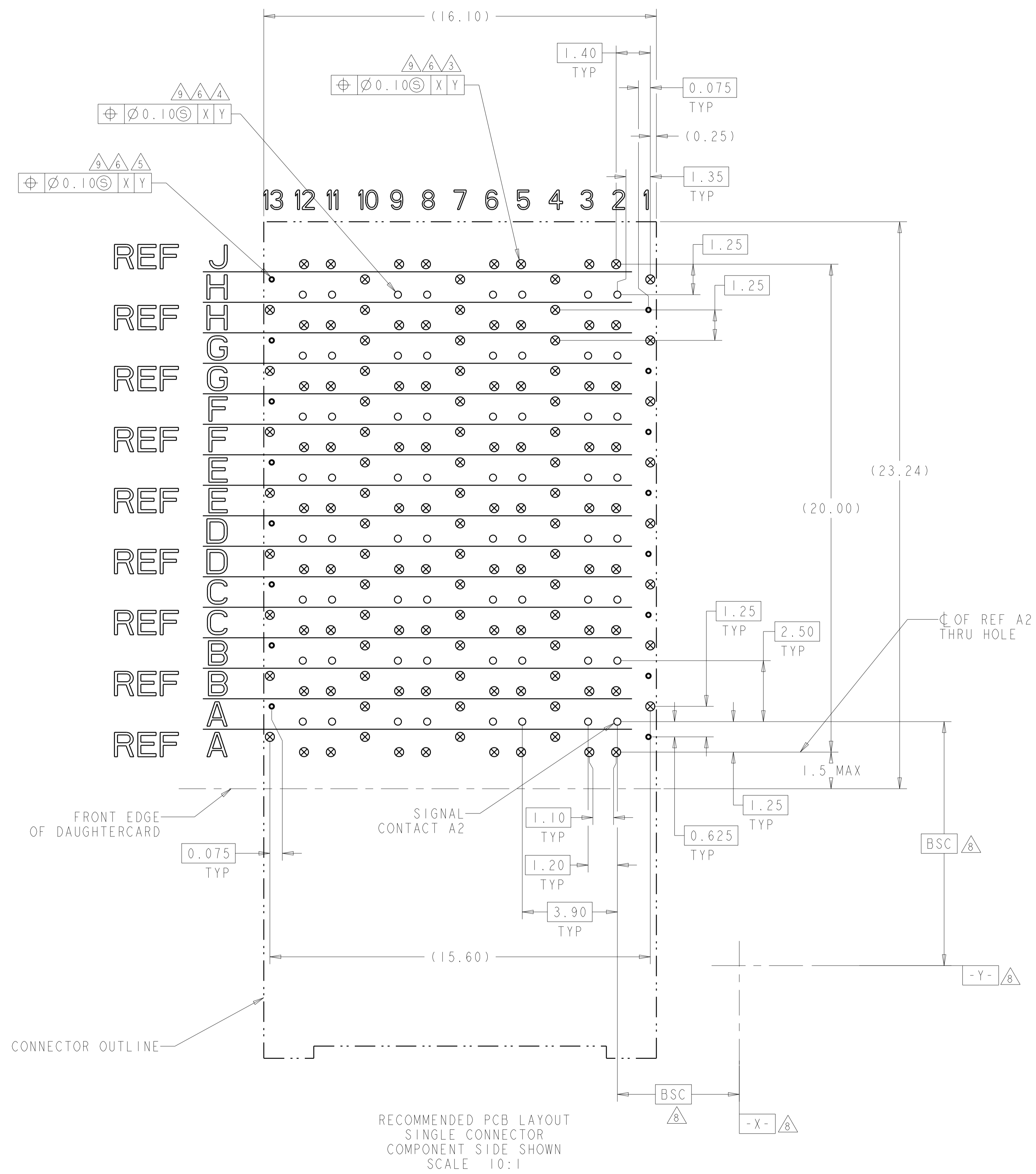


- ⚠ MATERIAL:  
 CONTACTS AND SHIELDS - COPPER ALLOY  
 ORGANIZER - STAINLESS STEEL  
 HOUSING, GROUND SHELLS, AND PIN SPACER - THERMOPLASTIC, UL 94V-0, BLACK
- ⚠ FINISH:  
 - CONFORMS TO THE REQUIREMENTS OF TE PRODUCT SPECIFICATION 108-32021  
 BASED ON TELCORDIA GR-1217-CORE FOR SYSTEM QUALITY LEVEL III,  
 APPLICATIONS IN CONTROLLED ENVIRONMENTS (CENTRAL OFFICE).  
 - COMPLIANT PIN AREA: 0.5µm MIN MATTE TIN.
- ⚠ GROUND PLATED THRU HOLE REQUIREMENTS:  
 FINISHED HOLE =  $\varnothing 0.37 \pm 0.05$   
 HOLE SIZE PRIOR TO PLATING =  $\varnothing 0.450 \pm 0.025$   
 COPPER THICKNESS = 0.025 MIN  
 IMMERSION TIN IF APPLICABLE = 0.00095 REF
- ⚠ SIGNAL PLATED THRU HOLE REQUIREMENTS:  
 FINISHED HOLE =  $\varnothing 0.29 \pm 0.05$   
 HOLE SIZE PRIOR TO PLATING =  $\varnothing 0.368 \pm 0.025$  (#79 DRILL)  
 COPPER THICKNESS = 0.025 MIN  
 IMMERSION TIN IF APPLICABLE = 0.00095 REF
- ⚠ 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
- ⚠ SIGNAL HOLES AND SI VIAS:  
 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.
- ⚠ CONNECTOR MARKED WITH PART NUMBER, DATE CODE, AND "85 OHM" IN  
 APPROXIMATE AREA SHOWN.
- ⚠ DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- ⚠ APPLIES TO FINISHED HOLE DIAMETER.
- ⚠ DATAMATRIX BARCODE MARKING IN THIS AREA.

2187580-1  
 PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN N. EVANS 21JAN2014	NAME RA RECEPTACLE ASSEMBLY, 85 OHM, 8 PAIR, 4 COLUMN, PAIR-IN-ROW, STRADA WHISPER
DIMENSIONS: mm		CHK N. EVANS 21JAN2014	RESTRICTED TO
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. FLICKINGER 21JAN2014	SCALE 6:1 SHEET 1 OF 2 REV C
0 PLC	±	PRODUCT SPEC	
1 PLC	±	APPLICATION SPEC	
2 PLC	±0.13	SIZE	A1
3 PLC	±	CAGE CODE	00779
4 PLC	±	DRAWING NO	2187580
ANGLES	±	WEIGHT	
MATERIAL		CUSTOMER DRAWING	
FINISH			

REVISIONS				
P.	LTN	DESCRIPTION	DATE	APPD
-	-	SEE SHEET 1	-	-



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: N. EVANS 21JAN2014	TE Connectivity
DIMENSIONS: mm		CHK: N. EVANS 21JAN2014	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPD: S. FLICKINGER 21JAN2014	NAME: RA RECEPTACLE ASSEMBLY, 85 OHM, 8 PAIR, 4 COLUMN, PAIR-IN-ROW, STRADA WHISPER PRODUCT SPEC: 108-32021 APPLICATION SPEC: 114-32029 WEIGHT: - CUSTOMER DRAWING
0 PLC ±		SIZE: A1	
1 PLC ±0.13		CAGE CODE: 00779	
2 PLC ±		DRAWING NO: 2187580	
3 PLC ±		SCALE: 5:1	SHEET 2 OF 2
4 PLC ±		REV: C	
ANGLES ±			
FINISH			