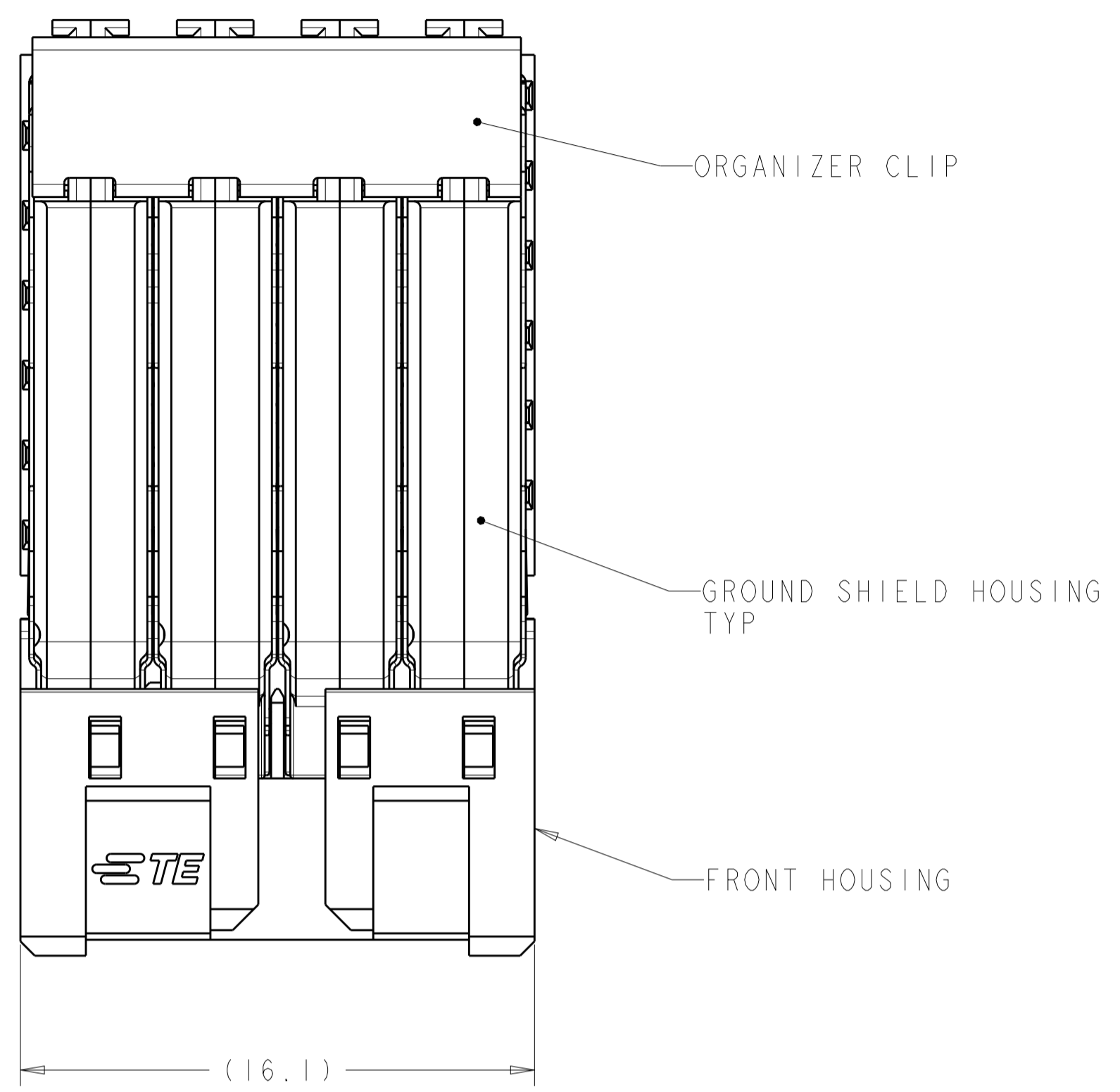
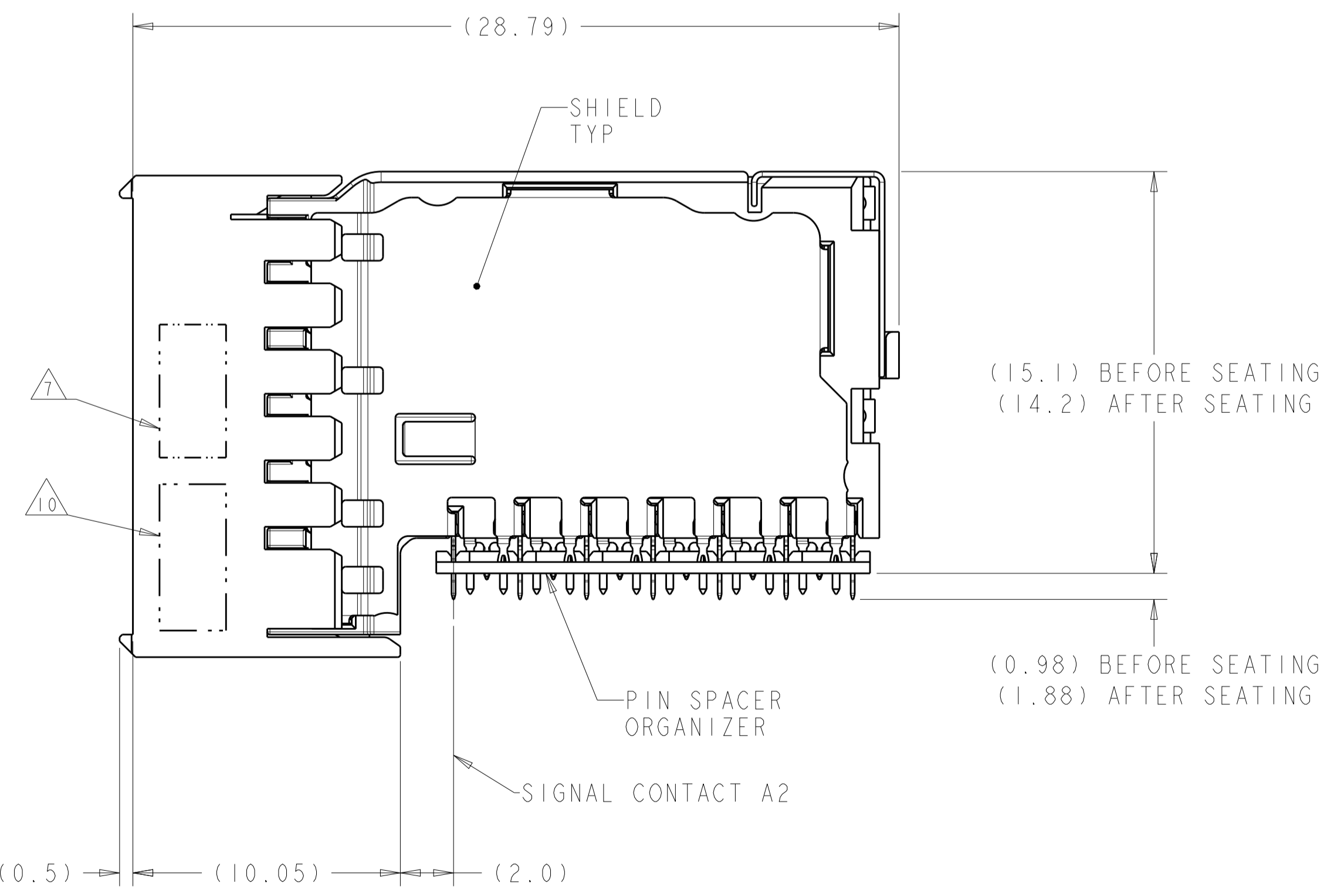
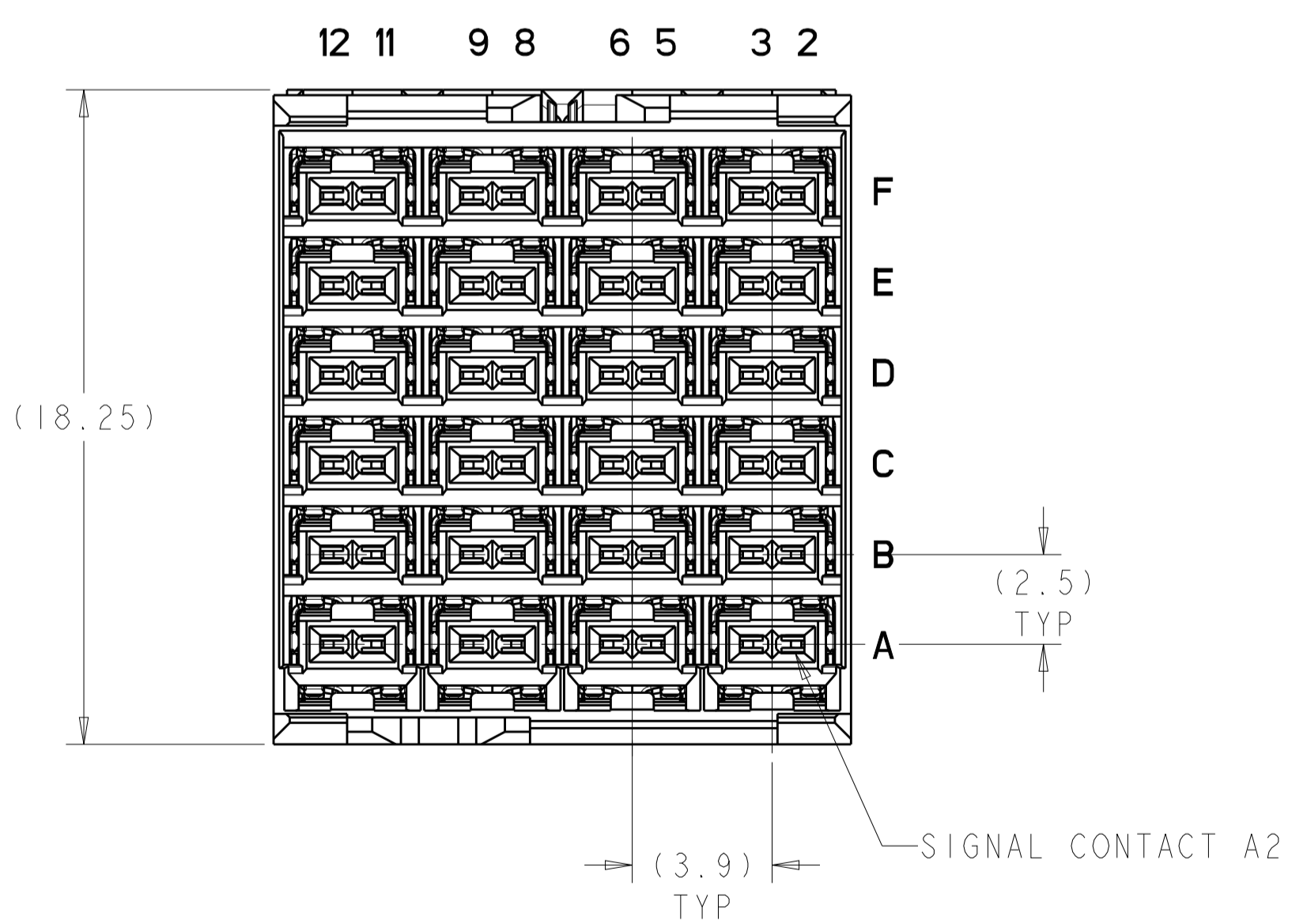


REVISIONS				
P	LTN	DESCRIPTION	DATE	APVD
I		PROPOSED	17NOV2016	JM RP
B		REVISED TO ECO-17-004845	28APR2017	AP RP
C		REVISED PER ECO-19-008905	11JUN2019	AP RP
D		REVISED PER ECO-20-008922	30JUN2020	AP RP



- △ CONTACTS AND SHIELDS - COPPER ALLOY
 ORGANIZER - STAINLESS STEEL
 HOUSING, GROUND SHELLS, AND PIN SPACER - THERMOPLASTIC, UL 94V-0, BLACK
- △ FINISH:
 MATING AREA: 1.25um MIN GOLD OVER 1.25um MIN NICKEL UNDERPLATE OVER ENTIRE CONTACT. COMPLIANT PIN AREA: . 0.5um MIN TIN-LEAD
- △ 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
 0.05um MIN GOLD OVER 3um-6um NICKEL
- △ 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
 0.05um MIN GOLD OVER 3um-6um NICKEL
- △ SI VIA PLATED THRU HOLE REQUIREMENTS:
 FINISHED HOLE = ($\varnothing 0.22$)
 HOLE SIZE PRIOR TO PLATING = $\varnothing 0.300 \pm 0.025$
 COPPER THICKNESS = 0.025 MIN
 0.05um MIN GOLD OVER 3um-6um NICKEL
- △ 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.



2187687-1
 PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN J. McCLINTON 13JAN2017	TE Connectivity	
DIMENSIONS:		CHK R. PATTERSON 13JAN2017	NAME RIGHT ANGLE RECEPTACLE ASSEMBLY, 6 PAIR 4 COLUMN, 85 OHM, PAIR-IN-ROW, STRADA WHISPER	
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD R. PATTERSON 13JAN2017	PRODUCT SPEC 108-32021	
	0 PLC ±	APPLICATION SPEC 114-32029	SIZE A1	
	1 PLC ±0.13	WEIGHT	CAGE CODE 00779	
	2 PLC ±	FINISH	DRAWING NO 2187687	
	3 PLC ±		SCALE 6:1	
	4 PLC ±		SHEET 1 OF 2	
	ANGLES ±		REV D	
MATERIAL		CUSTOMER DRAWING	RESTRICTED TO SPACE MICRO	

