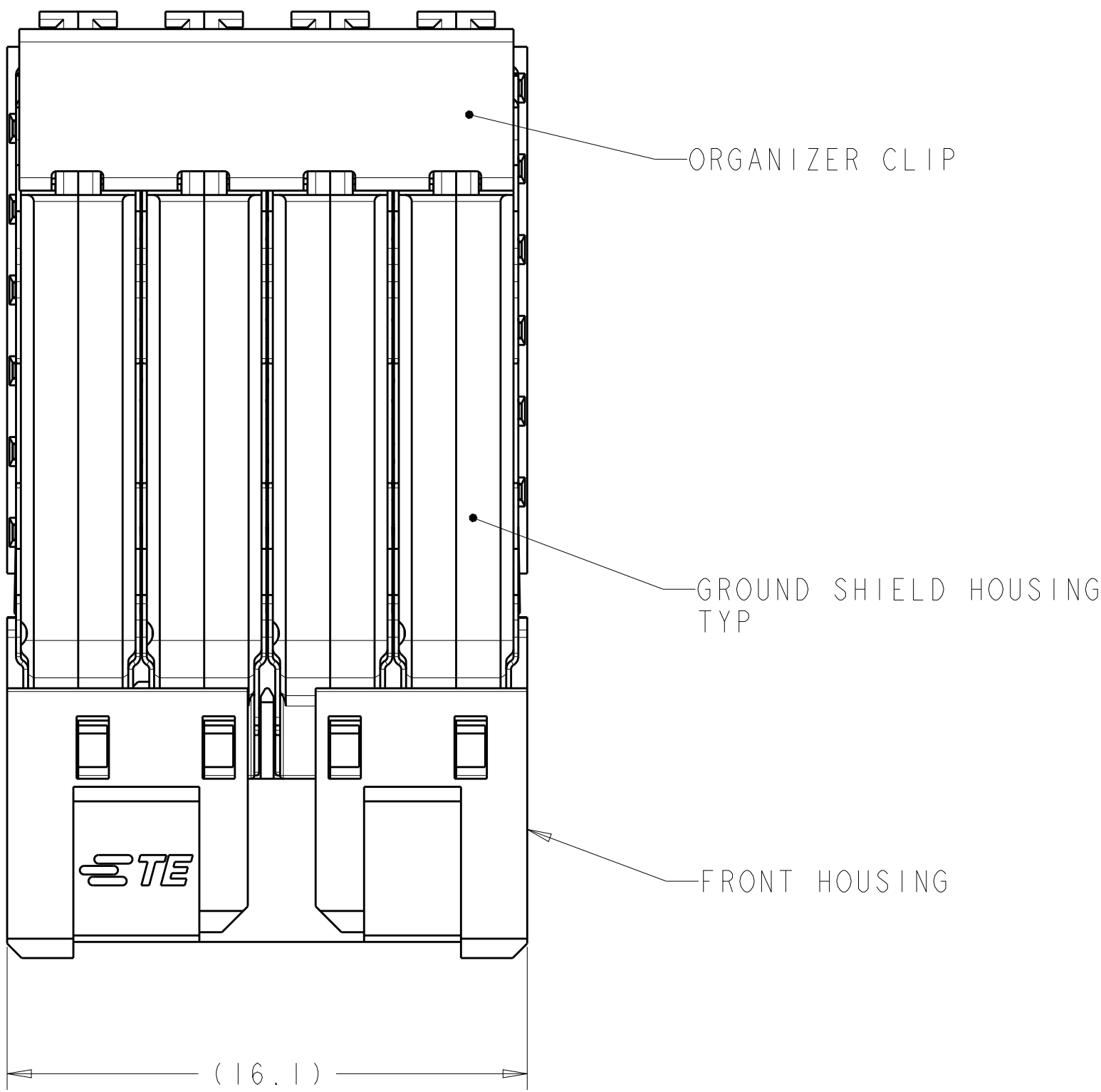
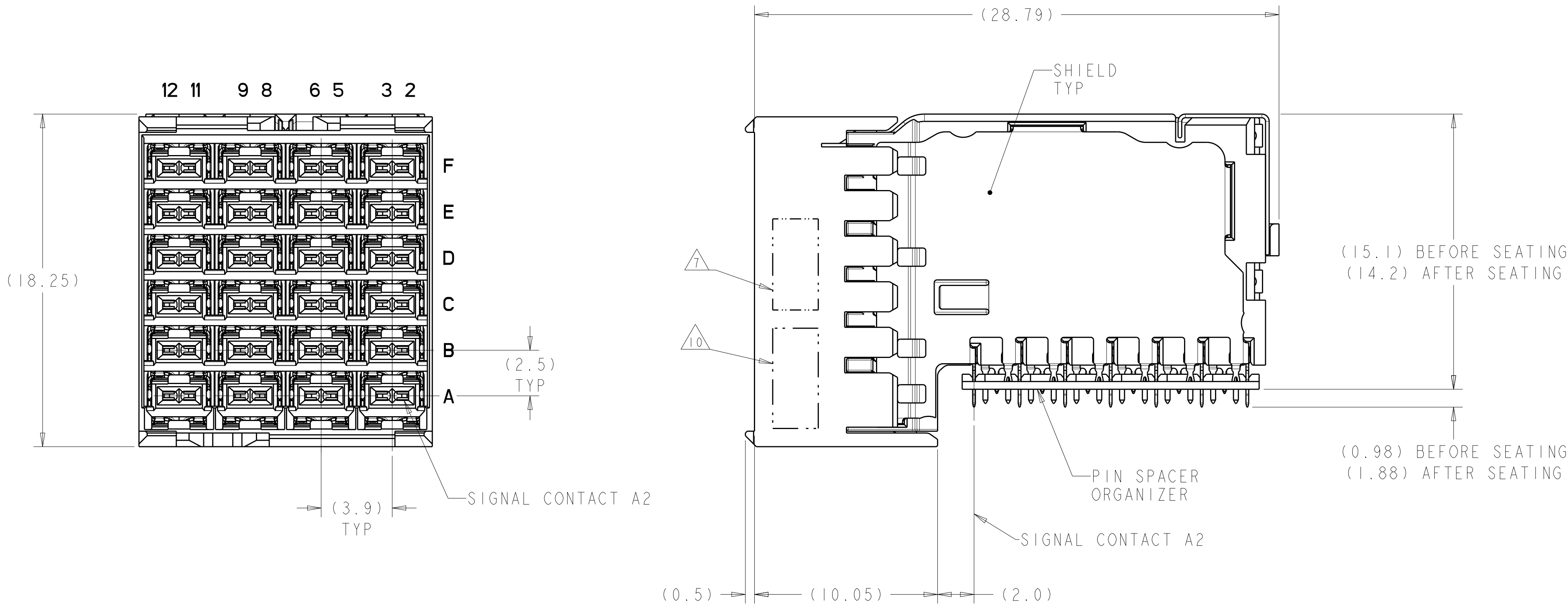


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
I		PROPOSED	17NOV2016	JM	RP
B		REVISED TO ECO-17-004845	28APR2017	AP	RP
C		REVISED PER ECO-19-008905	11JUN2019	AP	RP
D		REVISED PER ECO-20-008922	30JUN2020	AP	RP



- △1 CONTACTS AND SHIELDS - COPPER ALLOY
ORGANIZER - STAINLESS STEEL
HOUSING, GROUND SHELLS, AND PIN SPACER - THERMOPLASTIC, UL 94V-0, BLACK
- △2 FINISH:
MATING AREA: 1.25um MIN GOLD OVER 1.25um MIN NICKEL UNDERPLATE OVER
ENTIRE CONTACT. COMPLIANT PIN AREA: . 0.5um MIN TIN-LEAD
- △3 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
- △4 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
- △5 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
- △6 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.
- △7 CONNECTOR MARKED WITH PART NUMBER, DATE CODE, AND "85 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.



2187687-1

PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. McCLINTON	13JAN2017	TE Connectivity	
		CHK R. PATTERSON	13JAN2017		
DIMENSIONS:		APVD R. PATTERSON	13JAN2017	NAME	
mm		PRODUCT SPEC		RIGHT ANGLE RECEPTACLE ASSEMBLY, 6 PAIR 4 COLUMN, 85 OHM, PAIR-IN-ROW, STRADA WHISPER	
		APPLICATION SPEC		SIZE	
		114-32029		CAGE CODE	
MATERIAL		FINISH		DRAWING NO	
				A100779	
				C=2187687	
				RESTRICTED TO SPACE MICRO	
				CUSTOMER DRAWING	
				SCALE 6:1 SHEET 1 OF 2 REV D	

