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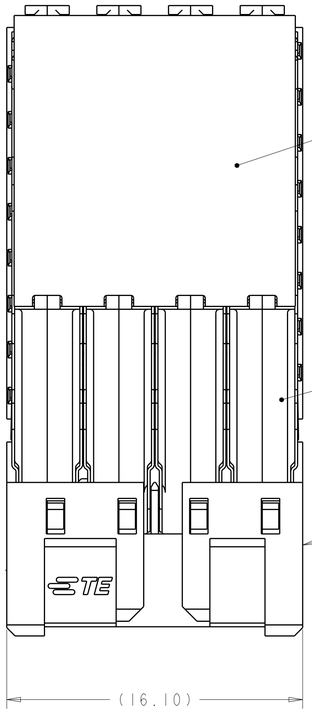
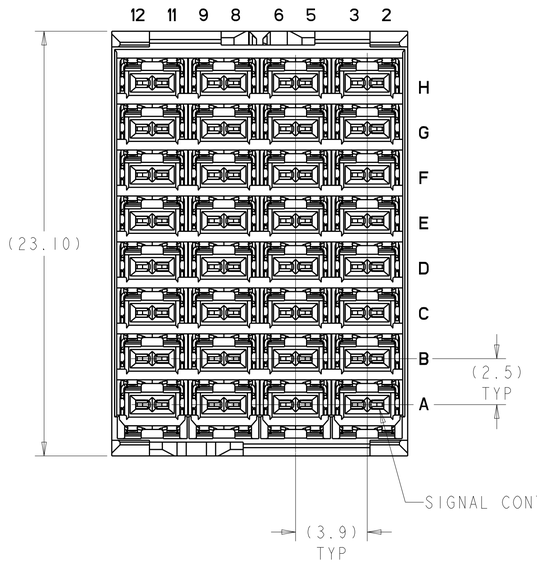
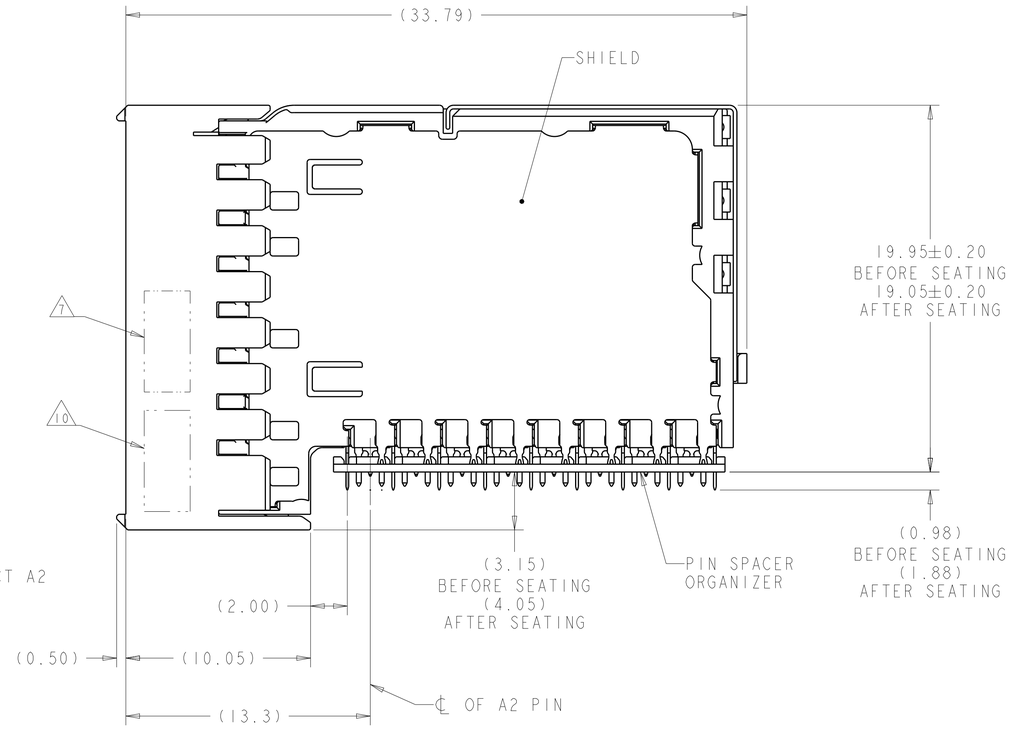
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASED	26SEP2017	JM	RP
	B	REVISED PER ECO-17-014260	27SEP2017	JM	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 = ∅0.37±0.05
   HOLE SIZE PRIOR TO PLATING = ∅0.450±0.025
   COPPER THICKNESS = 0.025 MIN
   IMMERSION TIN IF APPLICABLE = (0.00095)
4. SIGNAL PLATED THRU HOLE REQUIREMENTS:
   FINISHED HOLE = ∅0.29±0.05
   HOLE SIZE PRIOR TO PLATING = ∅0.368±0.025 (#79 DRILL)
   COPPER THICKNESS = 0.025 MIN
   IMMERSION TIN IF APPLICABLE = (0.00095)
5. SI VIA PLATED THRU HOLE REQUIREMENTS:
   HOLE SIZE PRIOR TO PLATING=0.300±0.025
   COPPER THICKNESS= MIN REQUIRED TO MEET REQUIRED ELECTRICAL PERFORMANCE
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 "92 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.





2187740-1

PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±0.13
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL 1

FINISH 2

DWN 26SEP2017 J. McCLINTON
CHK 26SEP2017 R. PATTERSON
APVD 26SEP2017 R. PATTERSON

PRODUCT SPEC 108-32021
APPLICATION SPEC 114-32029
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE RECEPTACLE ASSEMBLY, 8 PAIR 4 COLUMN, 92 OHM PAIR-IN-ROW, STRADA WHISPER

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2187740	-

CUSTOMER DRAWING SCALE 6:1 SHEET 1 OF 2 REV B

4805 (3/13)

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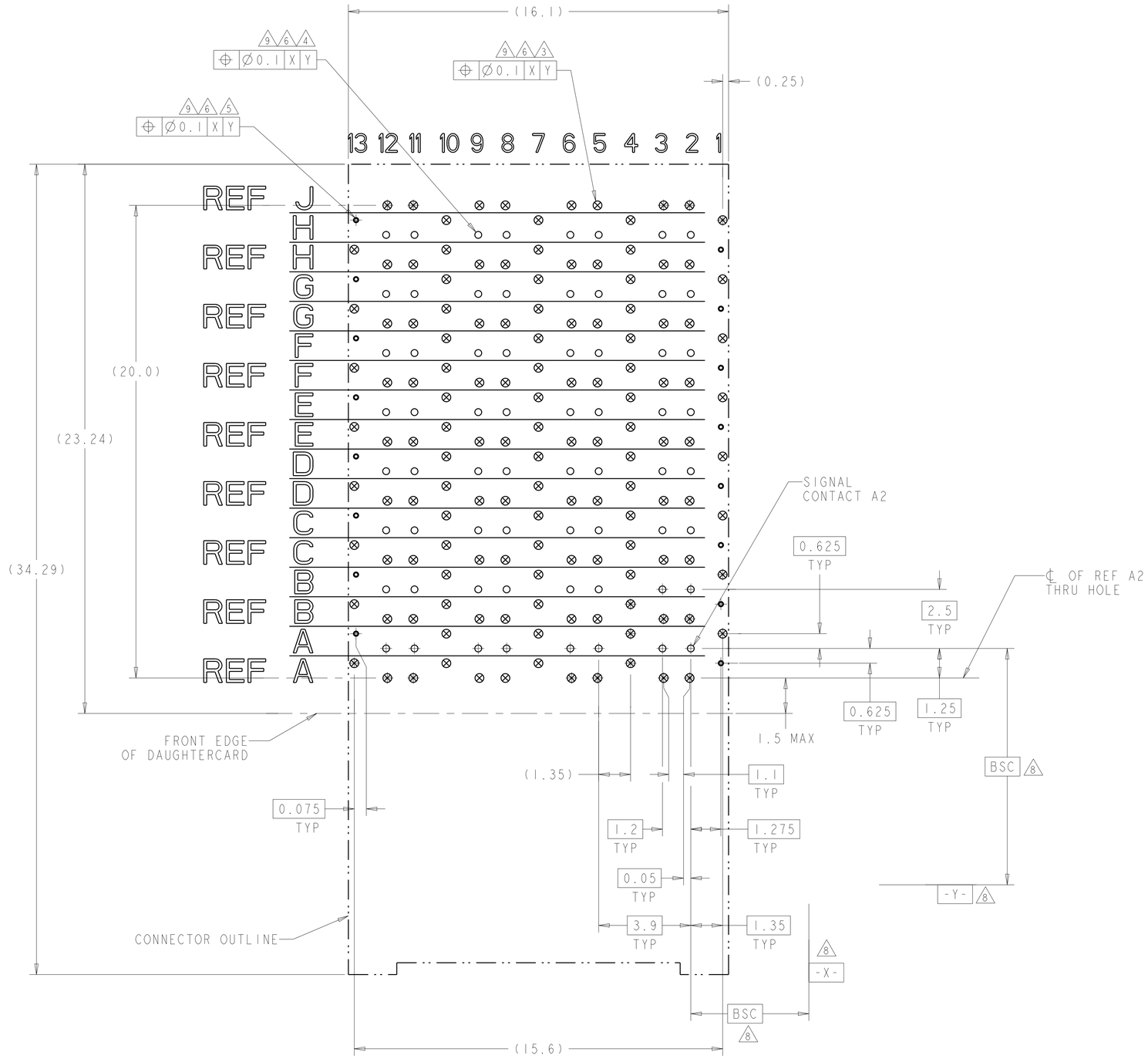
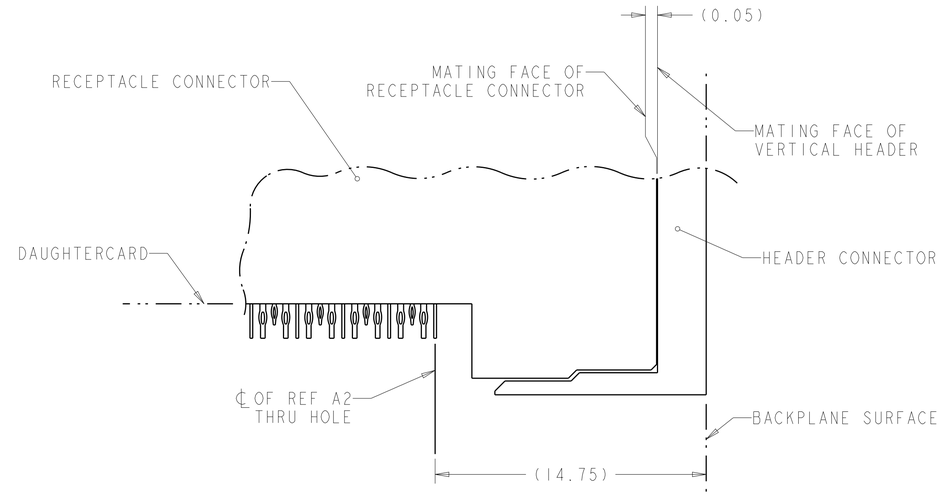
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

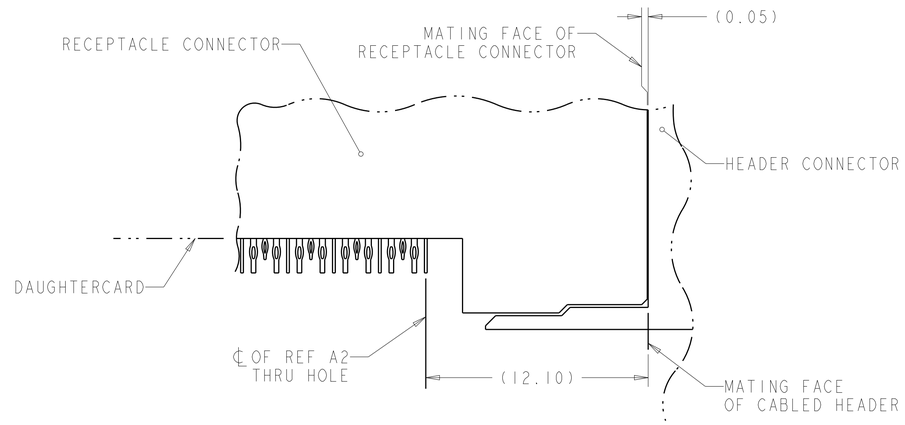


RECOMMENDED PCB LAYOUT
SINGLE CONNECTOR
COMPONENT SIDE SHOWN
SCALE 10:1

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



MIDPLANE APPLICATIONS
MATED ASSEMBLY (PARTIAL VIEW)



CABLED HEADER APPLICATIONS
MATED ASSEMBLY (PARTIAL VIEW)

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±0.13
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL - -
FINISH - -

DWN 26SEP2017 J. McCLINTON
CHK 26SEP2017 R. PATTERSON
APVD 26SEP2017 R. PATTERSON
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME RIGHT ANGLE RECEPTACLE ASSEMBLY, 8 PAIR 4 COLUMN, 92 OHM PAIR-IN-ROW, STRADA WHISPER

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-2187740 | RESTRICTED TO -

CUSTOMER DRAWING | SCALE 5:1 | SHEET 2 OF 2 | REV B

4805 (3/13)