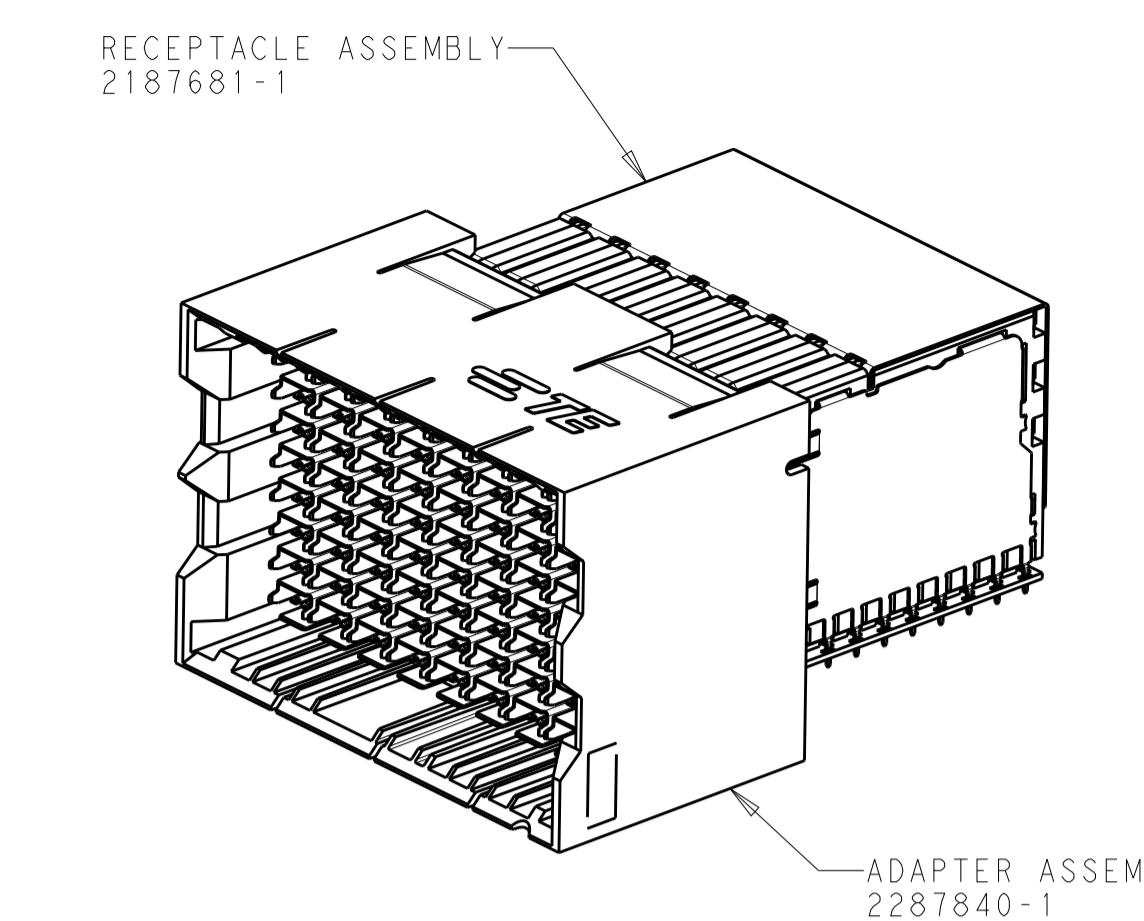
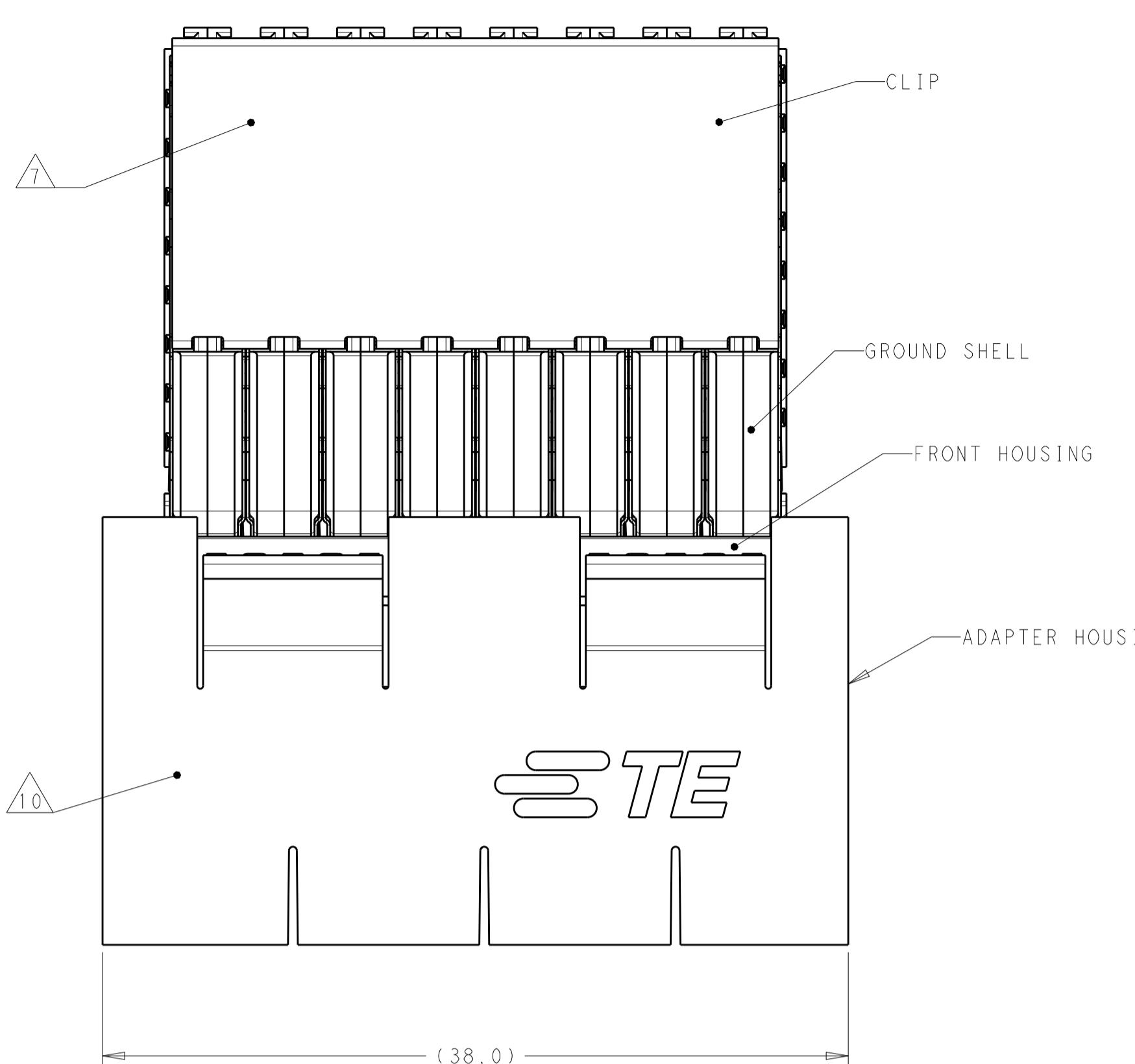


THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATI
© COPYRIGHT 20 BY - ALL RIGHTS RESERV

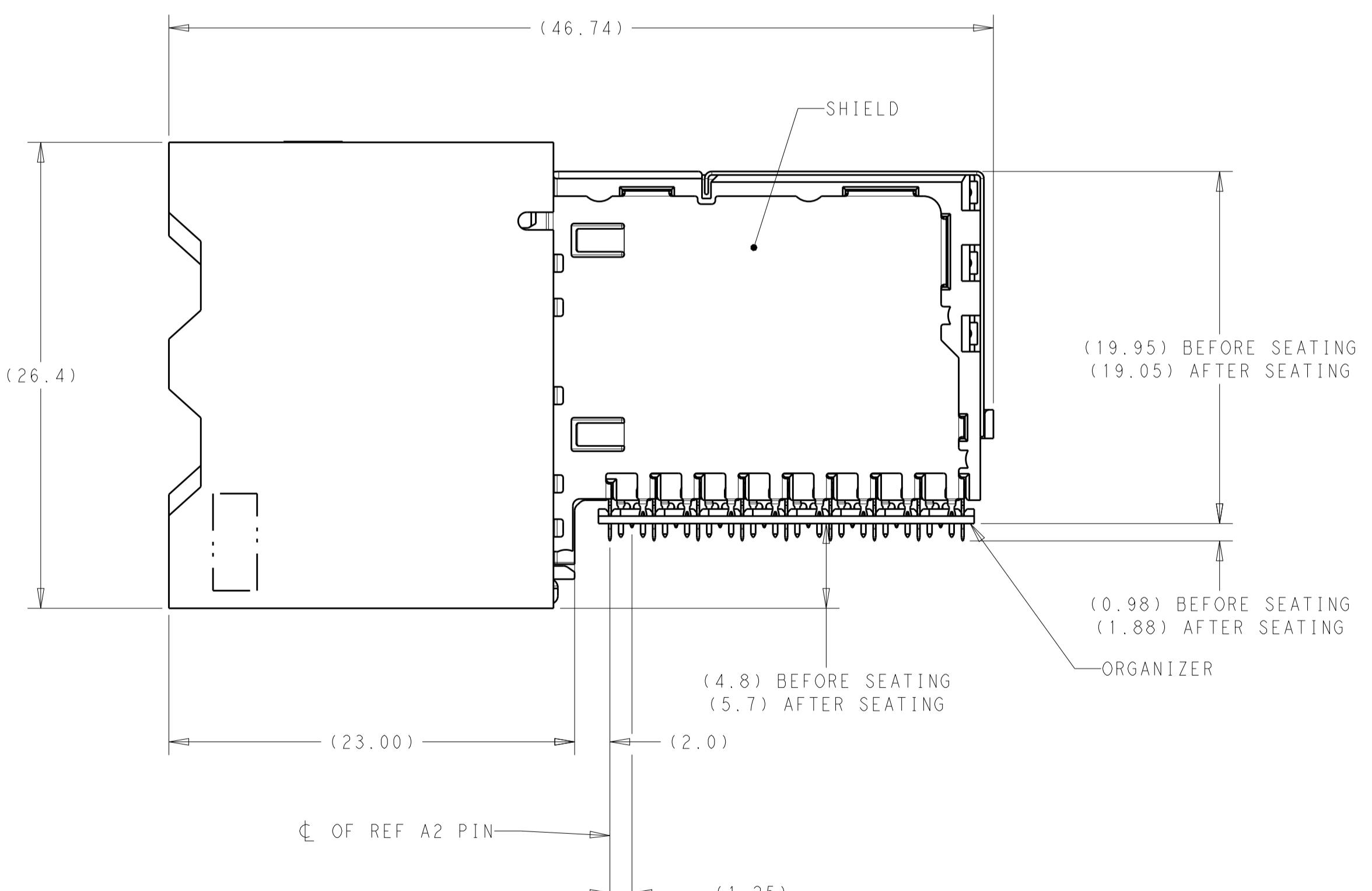
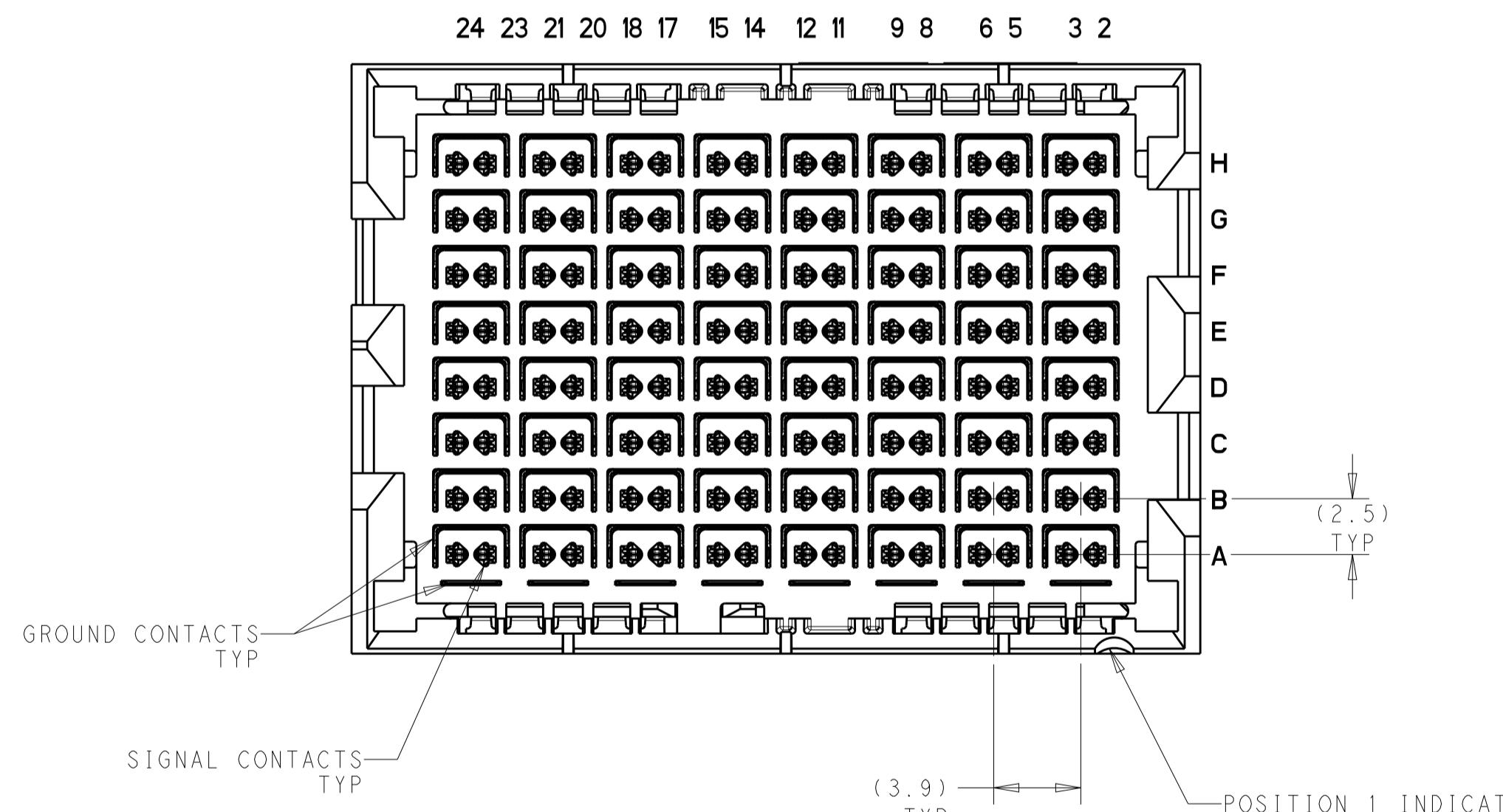
LEASED FOR PUBLICATION 20
ALL RIGHTS RESERVED.

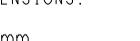
| REVISIONS | | | | | |
|-----------|-----|----------------------------|-----------|-----|------|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | 1 | RELEASED PER ECO-17-000464 | 23JAN2017 | JM | MH |
| | A1 | ECO-17-006000 | 01MAY2017 | MH | DS |
| | | | | | |
| | | | | | |



SCALE 2:

- 1 CONTACTS AND SHIELDS - COPPER ALLOY
CLIP - STAINLESS STEEL
HOUSINGS, GROUND SHELLS, AND ORGANIZER - THERMOPLASTIC, UL 94V-0, BLACK
- 2 CONFORMS TO THE REQUIREMENTS OF TE PRODUCT SPECIFICATION 108-32112
BASED ON TELCORDIA GR-1217-CORE FOR SYSTEM QUALITY LEVEL III,
APPLICATIONS IN CONTROLLED ENVIRONMENTS (CENTRAL OFFICE).
COMPLIANT PIN AREA: $0.5\mu\text{m}$ MIN MATTE TIN.
- 3 GROUND PLATED THRU HOLE REQUIREMENTS:
FINISHED HOLE = $\emptyset 0.37 \pm 0.05$
HOLE SIZE PRIOR TO PLATING = $\emptyset 0.450 \pm 0.025$
COPPER THICKNESS = 0.025 MIN
IMMERSION TIN IF APPLICABLE = (0.00095)
- 4 SIGNAL PLATED THRU HOLE REQUIREMENTS:
FINISHED HOLE = $\emptyset 0.29 \pm 0.05$
HOLE SIZE PRIOR TO PLATING = $\emptyset 0.368 \pm 0.025$ (#79 DRILL)
COPPER THICKNESS = 0.025 MIN
IMMERSION TIN IF APPLICABLE = (0.00095)
- 5 SI VIA PLATED THRU HOLE REQUIREMENTS:
FINISHED HOLE = ($\emptyset 0.22$)
HOLE SIZE PRIOR TO PLATING = $\emptyset 0.300 \pm 0.025$
COPPER THICKNESS = 0.025 MIN
IMMERSION TIN IF APPLICABLE = (0.00095)
- 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 "85 OHM" IN
APPROXIMATE AREA SHOWN.
- 8 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
- 9 APPLIES TO FINISHED HOLE DIAMETER.
- 10 CONNECTOR MARKED WITH ASSEMBLY PART NUMBER, DATE CODE, AND "85 OHM"
IN APPROXIMATE AREA SHOWN.

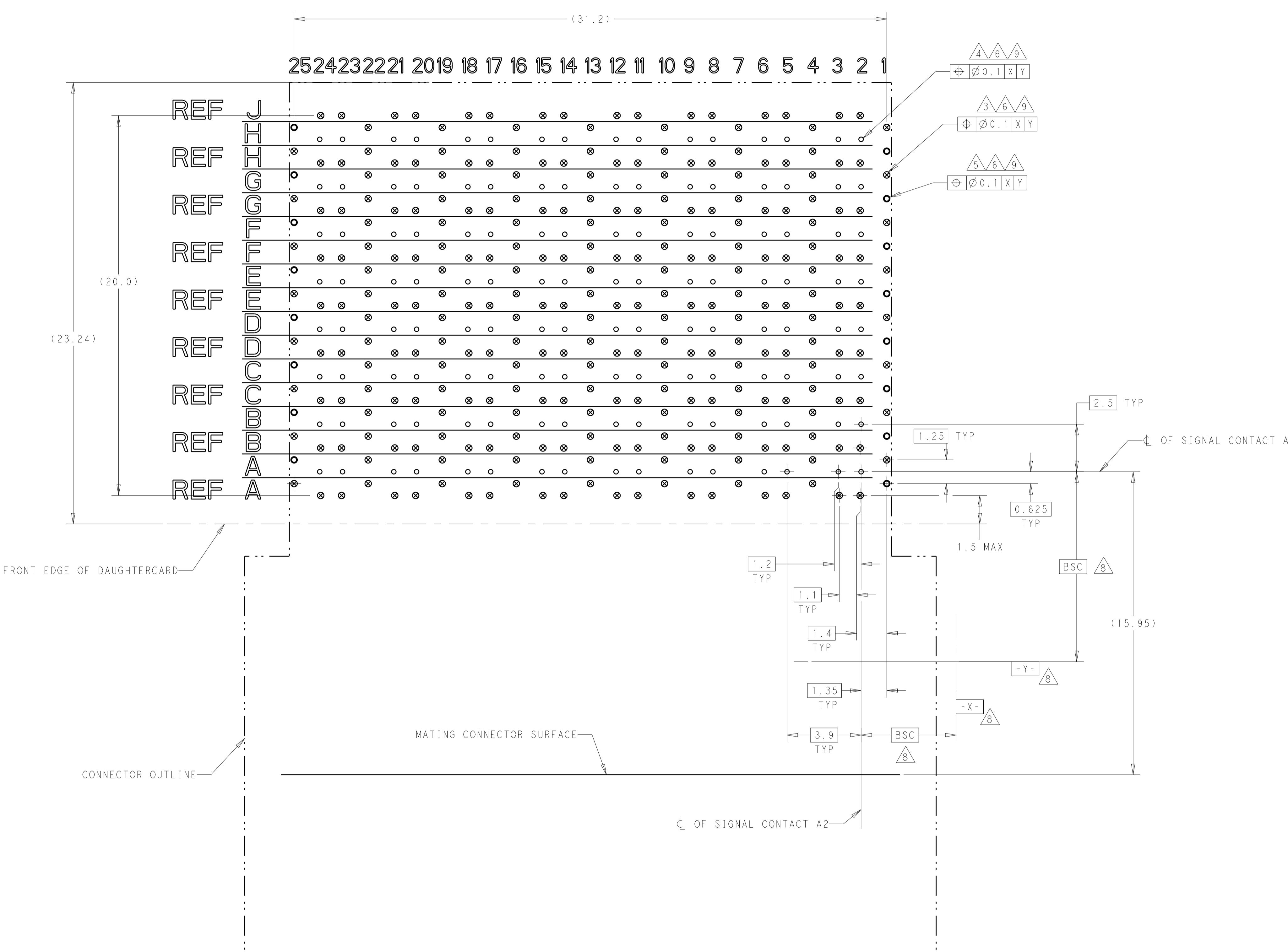


| | | | | | |
|---|--|---|---------------|---|--------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN 26SEP2014 J. McCLINTON | PART NUMBER | | |
| | | CHK 26SEP2014 J. McCLELLAN | | | |
| DIMENSIONS: mm | | APVD 26SEP2014 J. McCLELLAN | NAME | TE Connectivity | |
| | | PRODUCT SPEC | | RIGHT ANGLE ADAPTER ASSEMBLY, 8 PAIR 8 COLUMN, 85 OHM DPO, STRADA WHISPER | |
|  | | APPLICATION SPEC | SIZE | CAGE CODE | DRAWING NO |
| 0 PLC ±- 1 PLC ±- 2 PLC ±0.13 3 PLC ±- 4 PLC ±- ANGLES ±- | | 114-32120 | A 1 | - | C-2287841 |
| MATERIAL | | WEIGHT - | RESTRICTED TO | | |
|  | |  | | | - |
| | | CUSTOMER DRAWING | | | SCALE 4:1 |
| | | | | | SHEET 1 OF 2 |
| | | | | | REV A 1 |

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATI
© COPYRIGHT 20 BY - ALL RIGHTS RESERV

ALL RIGHTS RESERVED

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



RECOMMENDED PCB LAYOUT
SINGLE CONNECTOR (NON-STACKING
COMPONENT SIDE SHOWN
SCALE 8:1

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

| | | | | | |
|---|---|--|-------------------------------------|---|--------------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN J. McCLINTON CHK J. McCLELLAN APVD J. McCLELLAN | 26SEP2014 26SEP2014 26SEP2014 | NAME RIGHT ANGLE ADAPTER ASSEMBLY, 8 PAIR 8 COLUMN, 85 OHM DPO, STRADA WHISPER | TE Connectivity |
| DIMENSIONS: mm | TOLERANCES UNLESS OTHERWISE SPECIFIED: | 0 PLC 1 PLC 2 PLC 3 PLC 4 PLC ANGLES | ±- ±- ±0.13 ±- ±- ±- | | |
|  | PRODUCT SPEC | | - | | |
| | APPLICATION SPEC | | - | | |
| MATERIAL | FINISH | WEIGHT | - | SIZE A 1 | CAGE CODE DRAWING NO C-2287841 |
| - | - | - | - | SCALE 1:1 | REVISION REV A1 |
| - | - | CUSTOMER DRAWING | - | SHEET ? OF ? OF ? OF ? OF | |