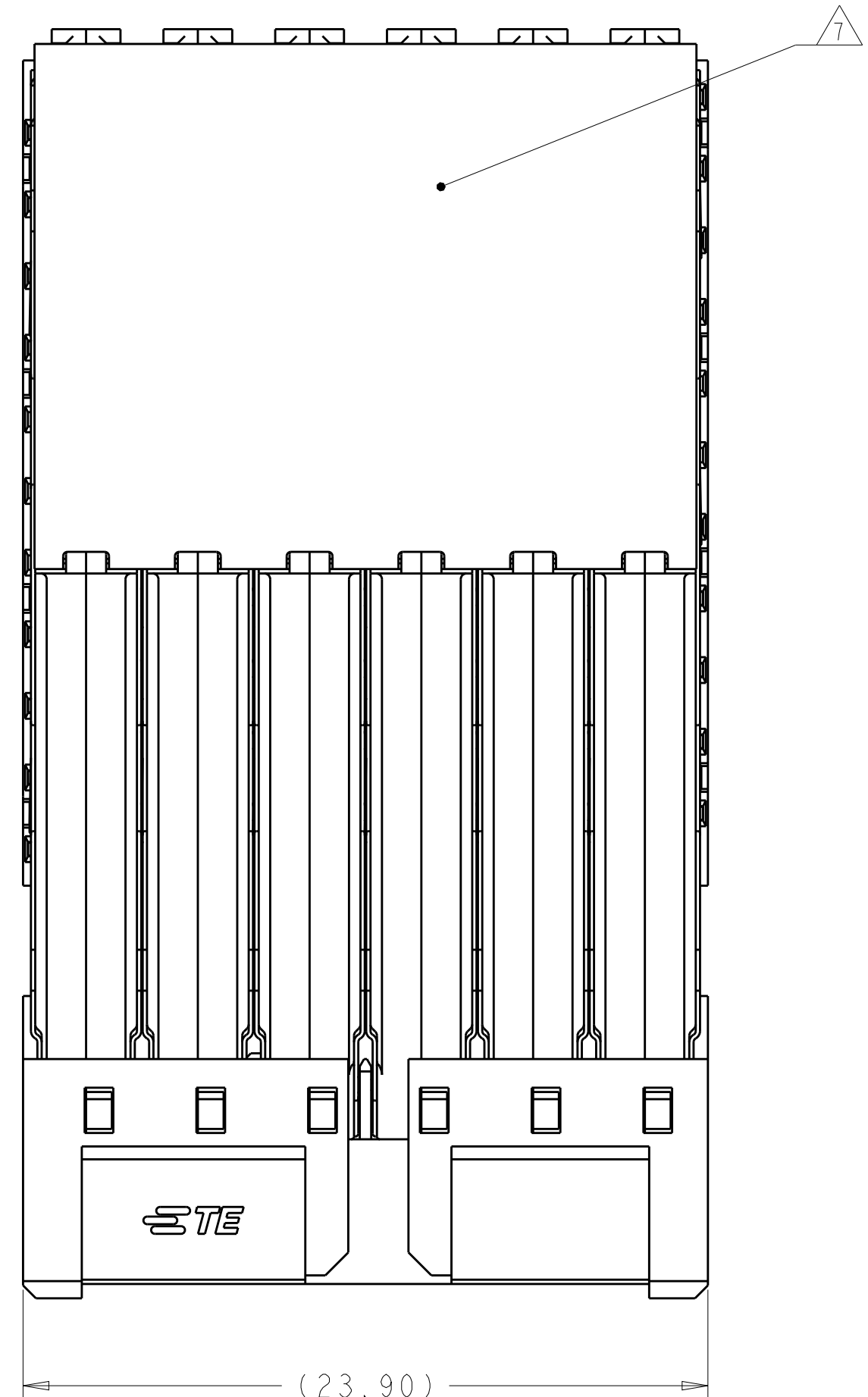
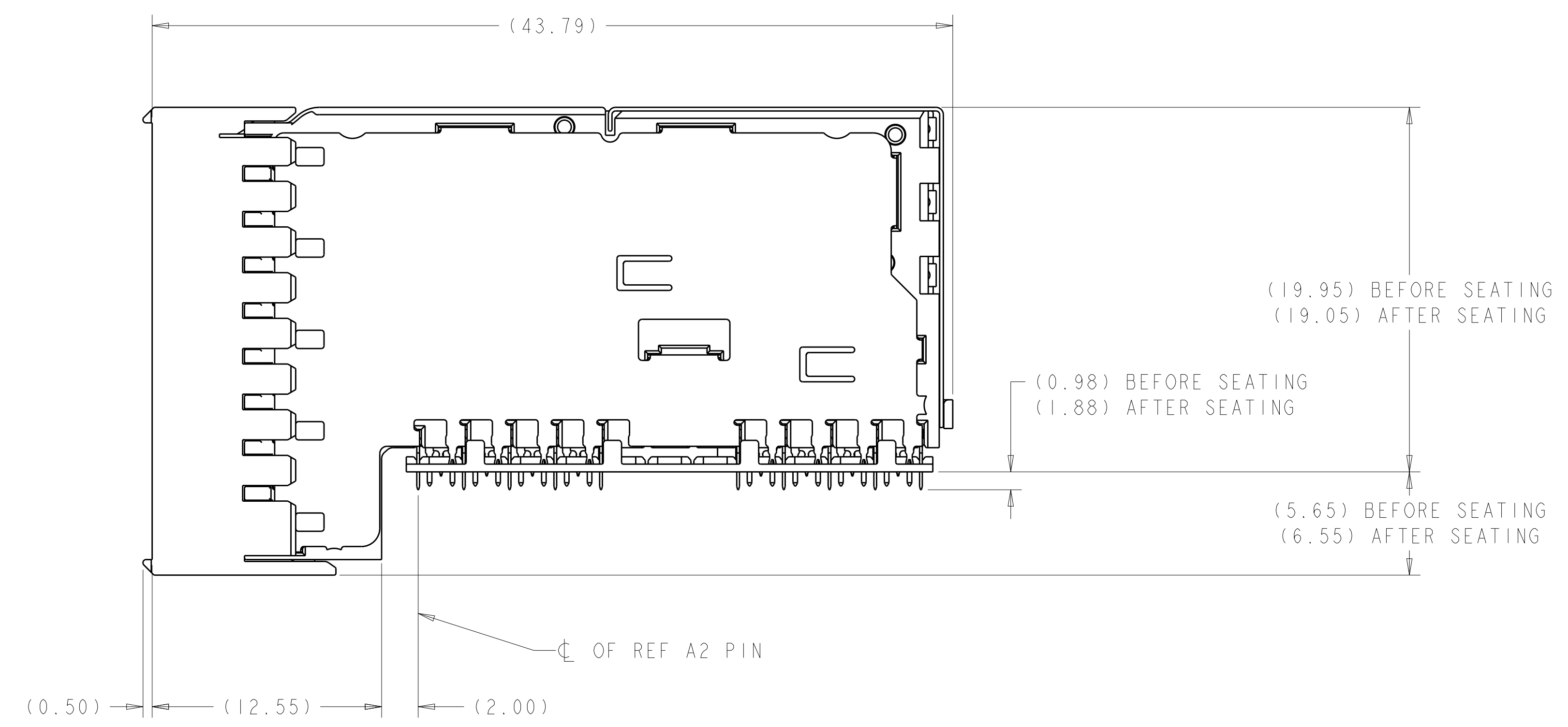
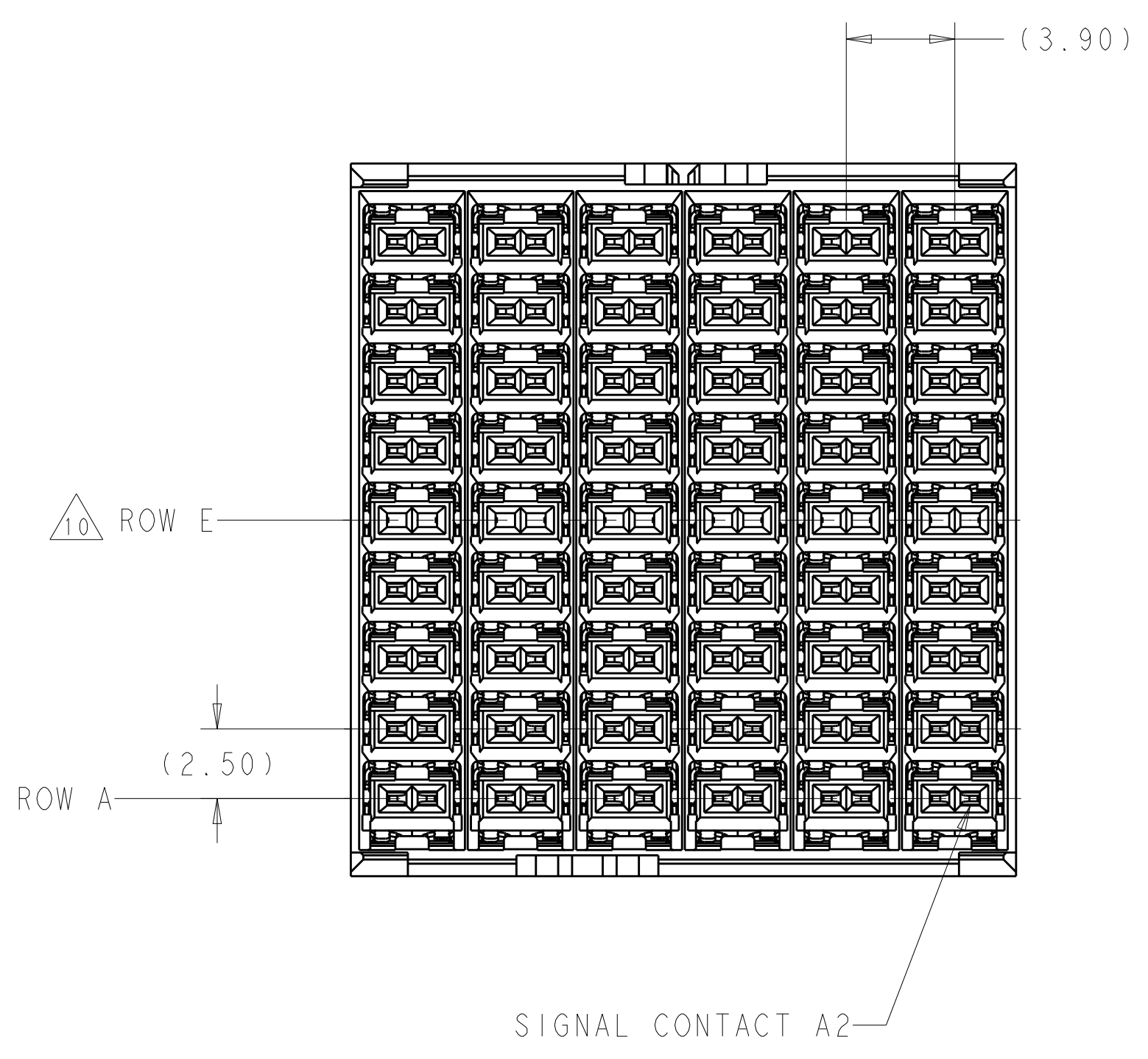


| LOC | | DIST | | REVISIONS | | | |
|-----|-----|--|-----------|-----------|------|--|--|
| P | LTN | DESCRIPTION | DATE | DMN | APVD | | |
| 12 | | REV NOTES 1, 6; ADD PROD AND APP SPEC. | 08OCT2013 | LAW | EW | | |
| 13 | | UPDATED HEIGHT | 11NOV13 | EW | EW | | |
| 14 | | REVISED | 14JAN2014 | JKS | EW | | |
| 15 | | REVISED | 22OCT2014 | NE | SF | | |



- 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 = Ø 0.34±0.05
 HOLE SIZE PRIOR TO PLATING = Ø 0.420±0.025
 COPPER THICKNESS = 0.025 MIN
 IMMERSION TIN IF APPLICABLE = 0.00095 REF
- 4 SIGNAL PLATED THRU HOLE REQUIREMENTS:
 FINISHED HOLE = Ø 0.24±0.04
 HOLE SIZE PRIOR TO PLATING = Ø 0.320±0.025
 COPPER THICKNESS = 0.025 MIN
 IMMERSION TIN IF APPLICABLE = 0.00095 REF
- 5 SI VIA PLATED THRU HOLE REQUIREMENTS:
 FINISHED HOLE = Ø 0.22 REF
 HOLE SIZE PRIOR TO PLATING = Ø 0.300±0.025
 COPPER THICKNESS = 0.025 MIN
 IMMERSION TIN IF APPLICABLE = 0.00095 REF
- 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 "100 OHM" IN
 APPROXIMATE AREA SHOWN.
- 8 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
- 9 APPLIES TO FINISHED HOLE DIAMETER.
- 10 NO SIGNAL CONTACTS IN ROW E.

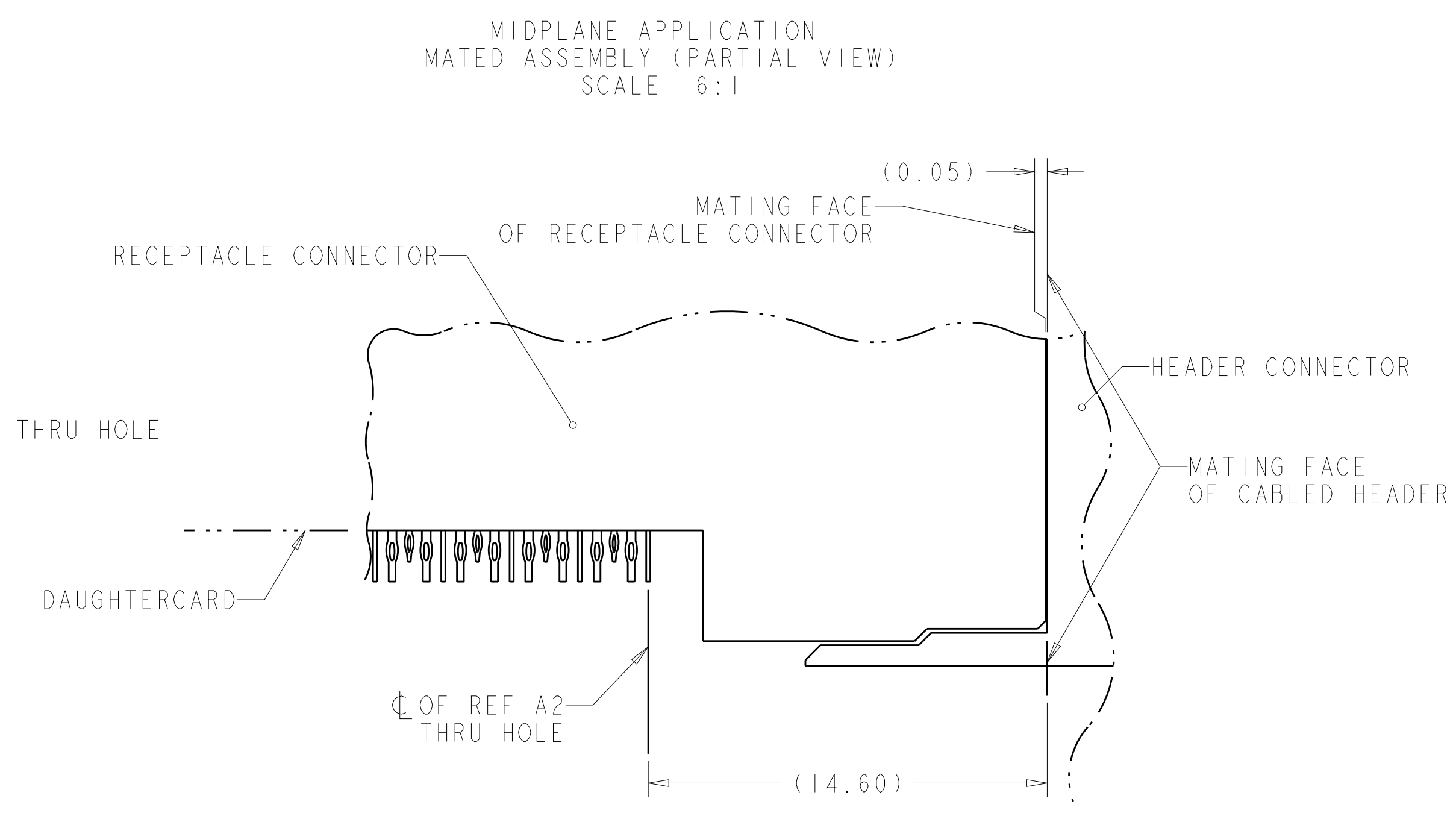
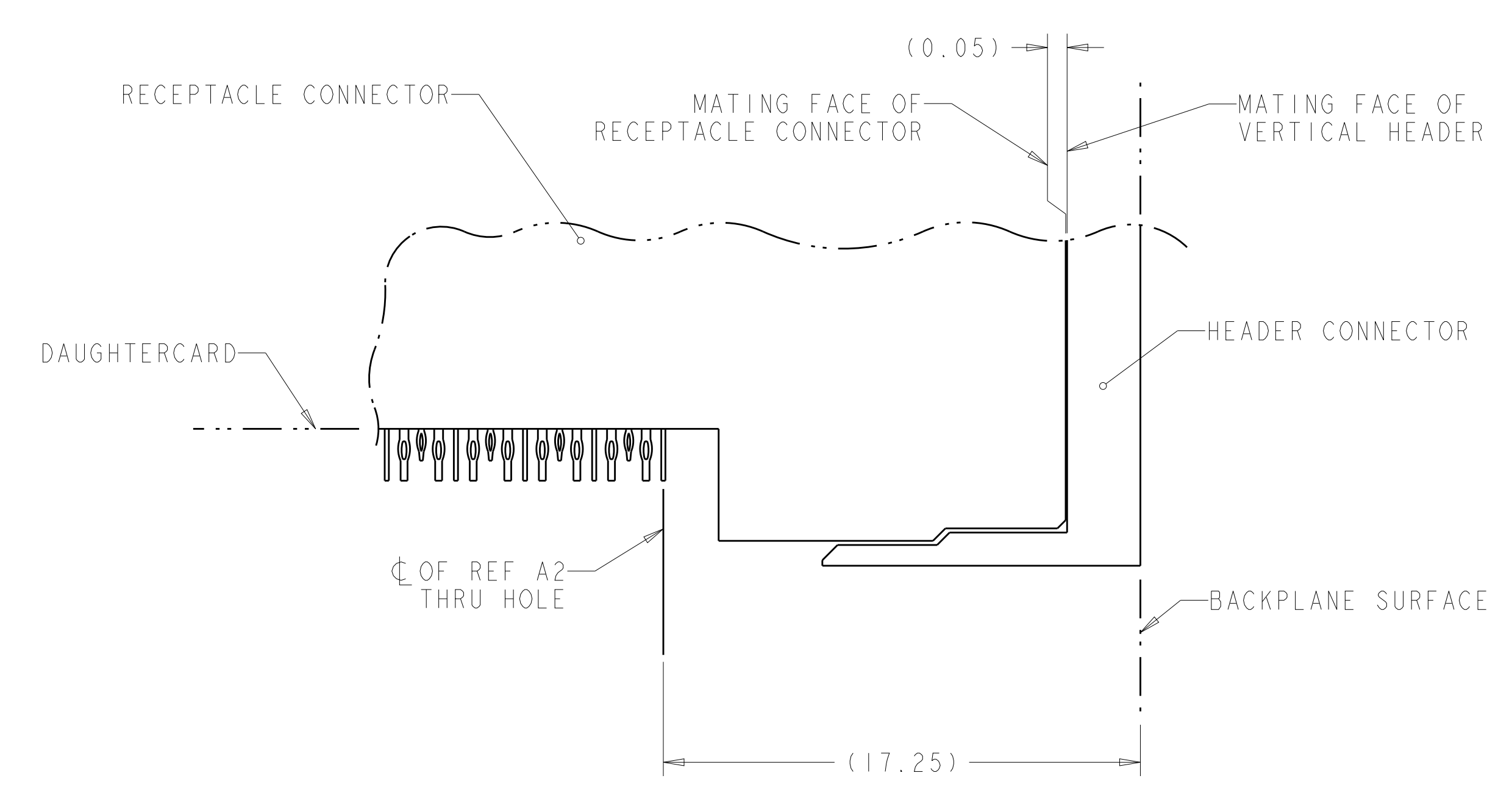
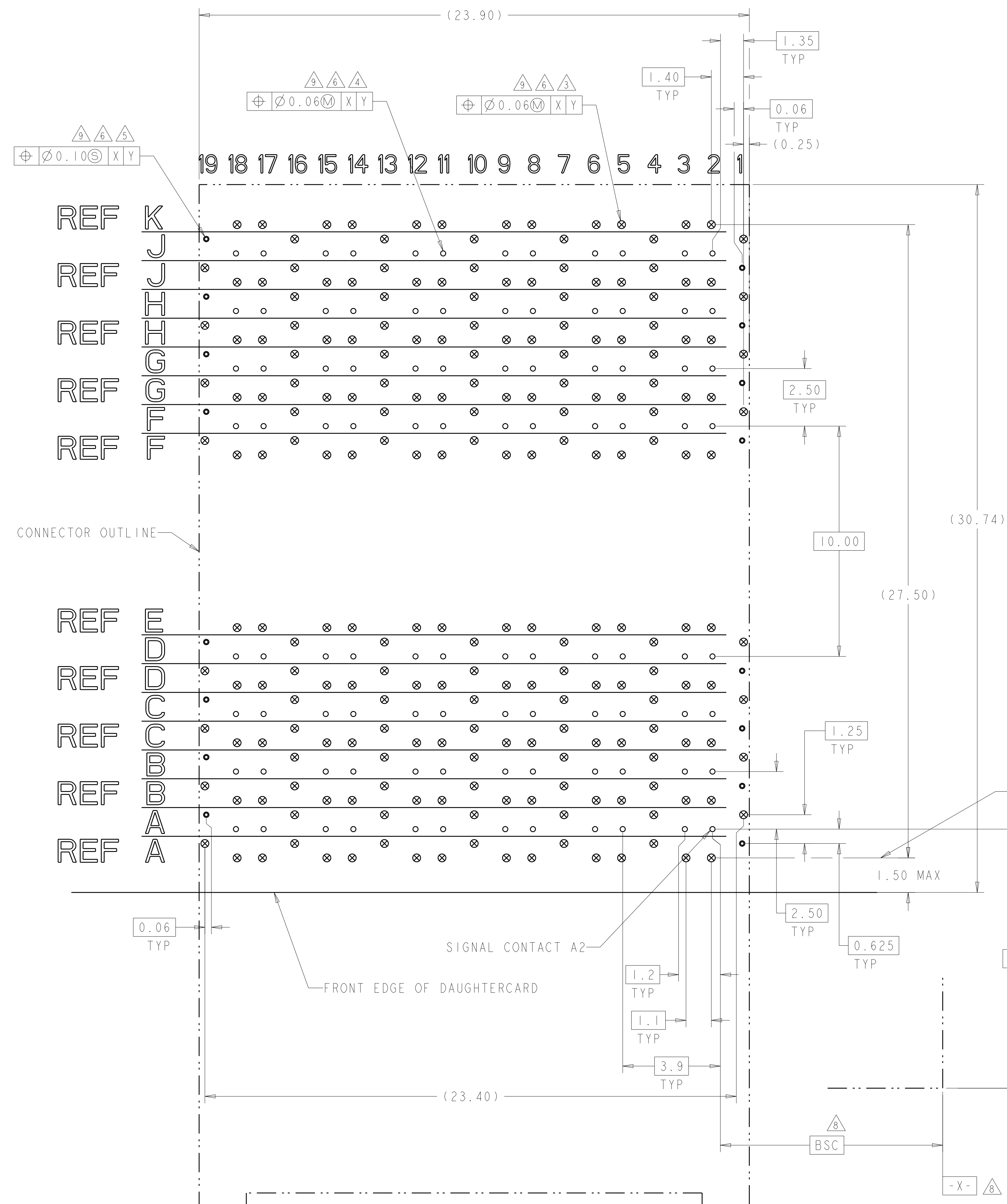


2187194-1
 PART NO

**THIS PRODUCT HAS NOT
 COMPLETED VALIDATION AND
 QUALIFICATION TESTING**

| | | | | |
|--|--|---------------------------------------|----------------------------------|---------------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DMN S. WELDON 04NOV2011 | | TE Connectivity PRELIMINARY |
| DIMENSIONS: | | CHK W. DAVIS 04NOV2011 | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD S. HELCKINGER 08OCT2013 | | |
| mm | | NAME R/A RECEPTACLE ASSEMBLY, 100 OHM | | |
| 0 PLC ± | | PRODUCT SPEC 108-32021 | 9 PAIR, 6 COLUMN, ROW E SKIPPED, | |
| 1 PLC ± | | APPLICATION SPEC 114-32029 | PAIR-IN-ROW, STRADA WHISPER | |
| 2 PLC ± | | SIZE A1 | CAGE CODE C=2187194 | RESTRICTED TO |
| 3 PLC ± | | WEIGHT | SCALE 5:1 | SHEET 1 OF 2 |
| 4 PLC ± | | CUSTOMER DRAWING | REV 15 | |
| ANGLES | | | | |
| FINISH | | | | |

| LOC | | DIST | | REVISIONS | | | |
|-----|--|------|--|-------------|------|-----|------|
| | | | | DESCRIPTION | DATE | OWN | APVD |
| | | | | SEE SHEET 1 | | | |



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

RECOMMENDED PCB LAYOUT
 SINGLE CONNECTOR (NON-STACKING)
 COMPONENT SIDE SHOWN
 SCALE 10:1

THIS PRODUCT HAS NOT COMPLETED VALIDATION AND QUALIFICATION TESTING

| | | | | |
|--|--|-------------------------------|---|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | OWN: S. WELDON 04NOV2011 | TE Connectivity | |
| DIMENSIONS: mm | | CHK: W. DAVIS 04NOV2011 | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD: S. FLICKINGER 08OCT2013 | NAME: R/A RECEPTACLE ASSEMBLY, 100 OHM 9 PAIR, 6 COLUMN, ROW E SKIPPED, PAIR-IN-ROW, STRADA WHISPER | |
| 0 PLC ± | | PRODUCT SPEC: 108-32021 | SIZE: A1 | |
| 1 PLC ± | | APPLICATION SPEC: 114-32029 | CAGE CODE: 00779 | |
| 2 PLC ± | | WEIGHT: - | DRAWING NO: 2187194 | |
| 3 PLC ± | | MATERIAL: - | SCALE: 1:1 | |
| 4 PLC ± | | FINISH: - | SHEET 2 OF 2 | |
| ANGLES ± | | CUSTOMER DRAWING | REV 15 | |