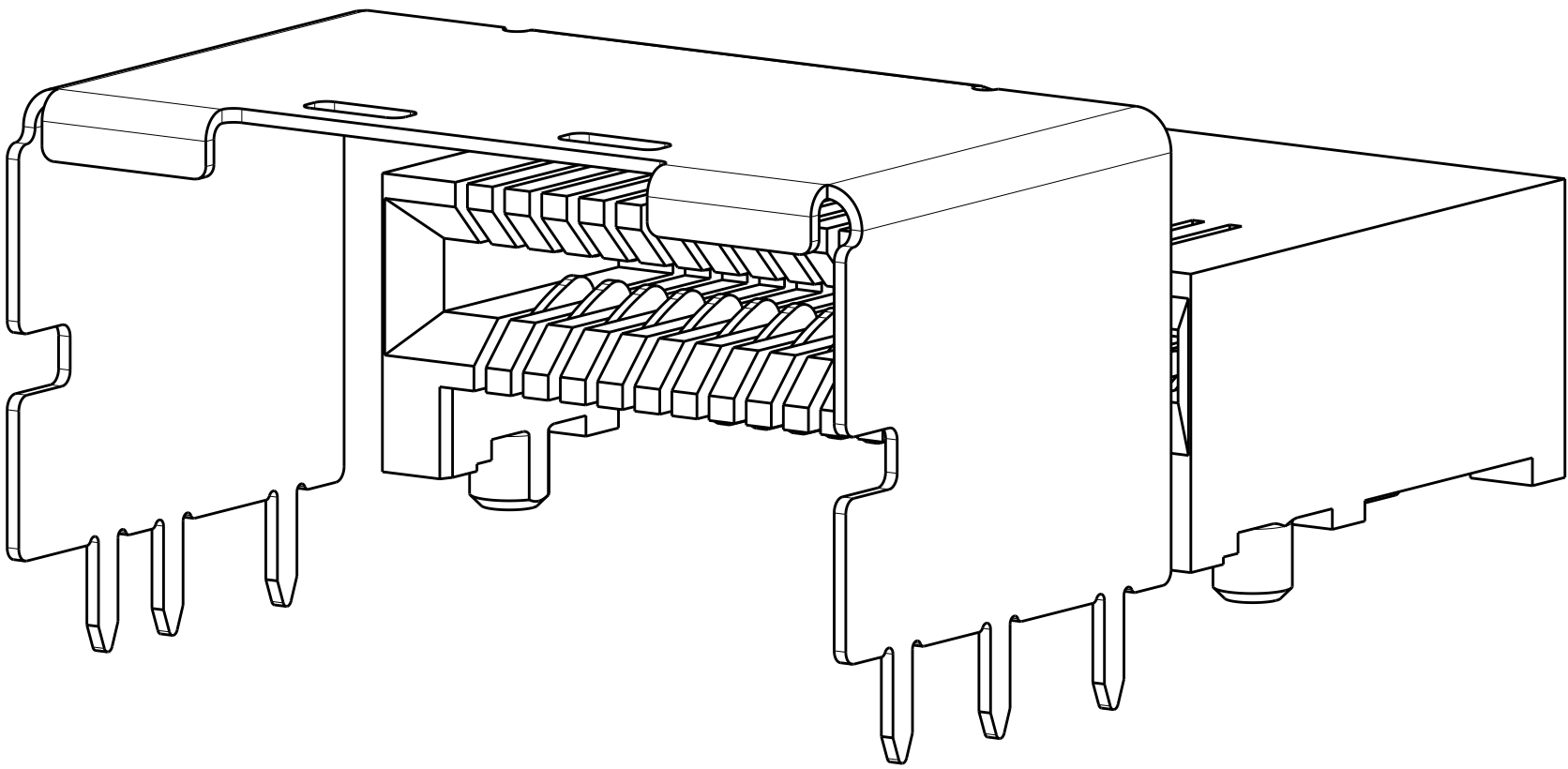
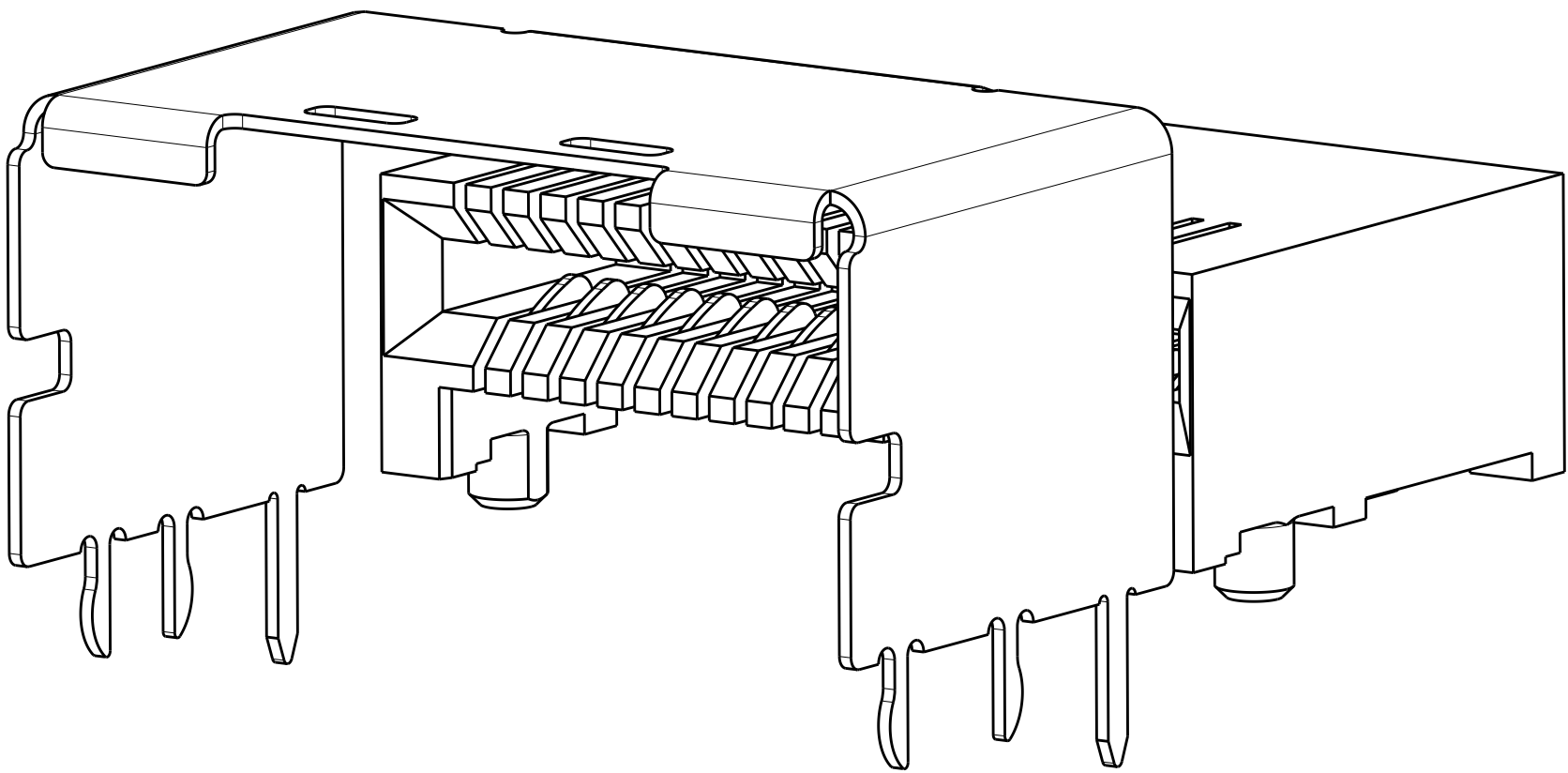


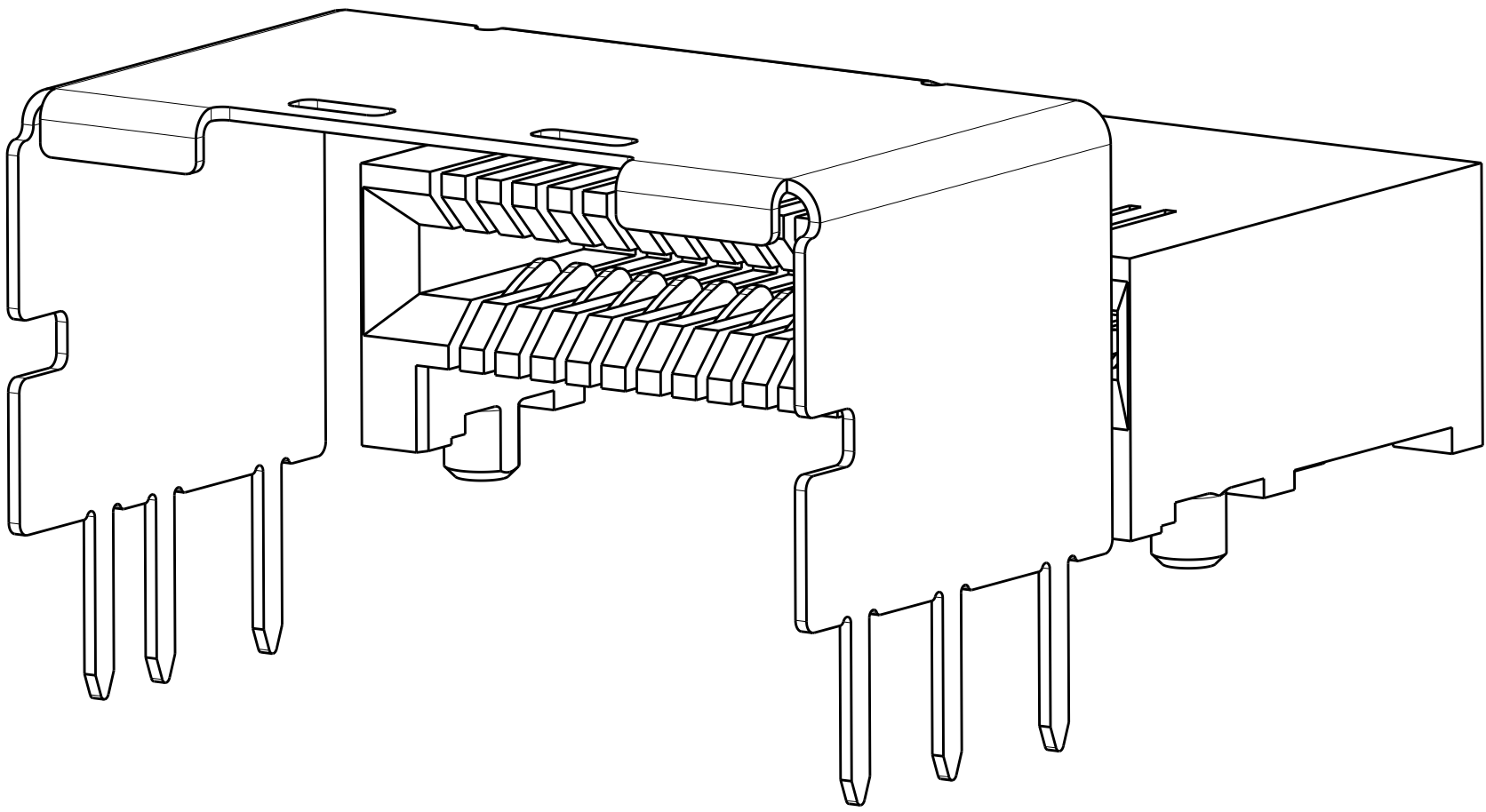
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|-----|------|-----------|-----|---------------------------|-----------|-----|------|--|
|     |      | P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |  |
| GP  | 00   |           | B2  | REVISED PER ECO-11-004835 | 11MAR2011 | RK  | HMR  |  |
|     |      |           | B3  | REVISED PER ECO-19-002570 | 26DEC2018 | JY  | SH   |  |
|     |      |           | B4  | REVISED PER ECO-20-004397 | 26MAR2020 | TX  | DZ   |  |
|     |      |           |     |                           |           |     |      |  |



1888019-2  
SHOWN WITHOUT PICK AND PLACE DEVICE  
SCALE 8:1



1888019-4  
SHOWN WITHOUT PICK AND PLACE DEVICE  
SCALE 8:1



1888019-8  
SHOWN WITHOUT PICK AND PLACE DEVICE  
SCALE 8:1

1 MATERIAL: LCP, BLACK, UL94 V0.

2 MATERIAL: PHOSPHOR BRONZE PER ASTM B 103.

3 FINISH: 0.76µm MIN GOLD PLATE PER ASTM B 488, APPLIES TO INTERFACE AREA AND 2.03µm MIN TIN PLATE SOLDER TAILS, ALL OVER 3.81µm MIN NICKEL PLATE PER QQ-N-290.

4 MATERIAL: NICKEL-SILVER PER ASTM B 122.

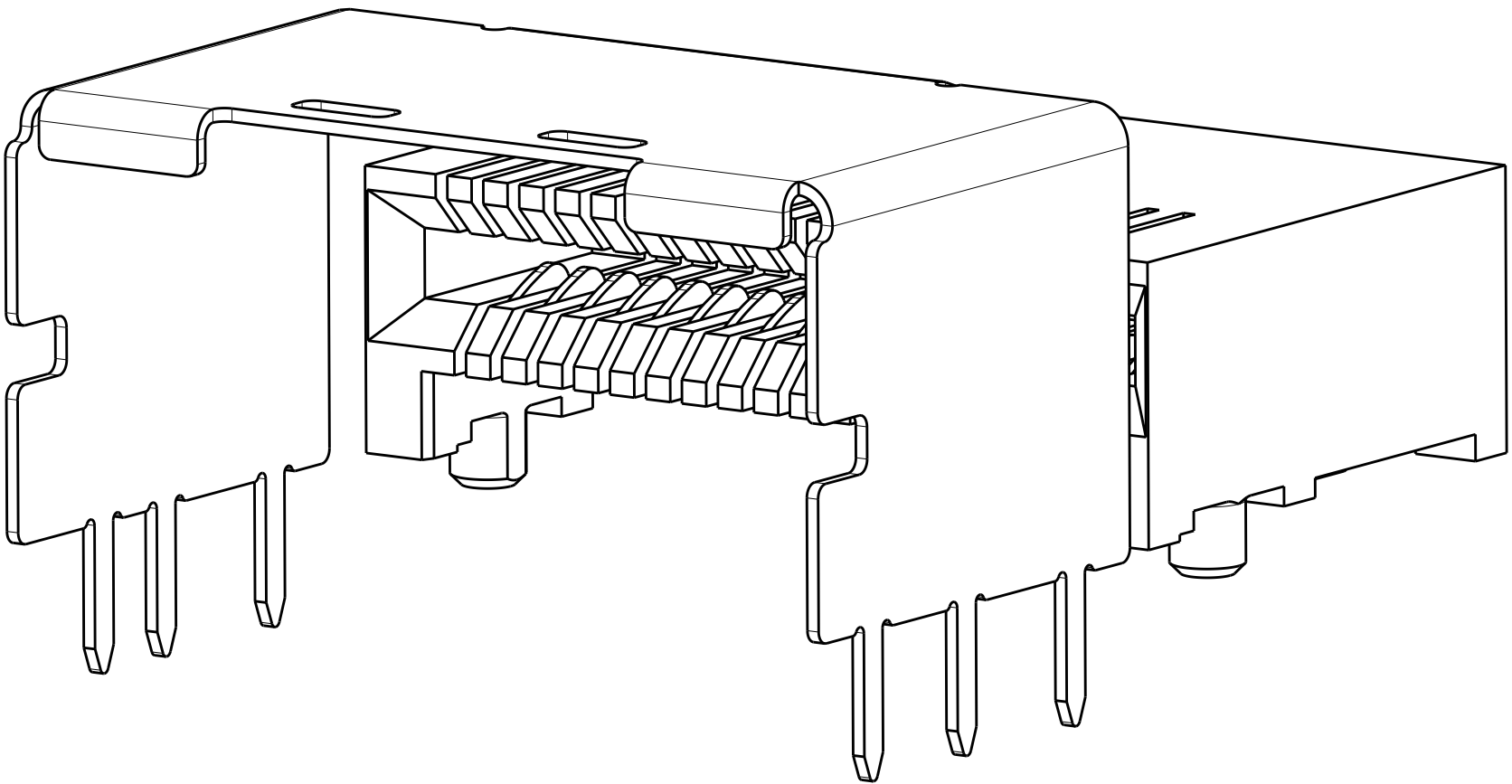
5 DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.

6. REFER TO CUSTOMER DRAWING 1761987 FOR CONNECTOR DETAILS.

7. PACKAGED IN TAPE AND REEL PER EIA-481.

8 FINISH: 0.38µm MIN GOLD PLATE PER ASTM B 488, APPLIES TO INTERFACE AREA AND 2.03µm MIN TIN PLATE SOLDER TAILS, ALL OVER 3.81µm MIN NICKEL PLATE PER QQ-N-290.

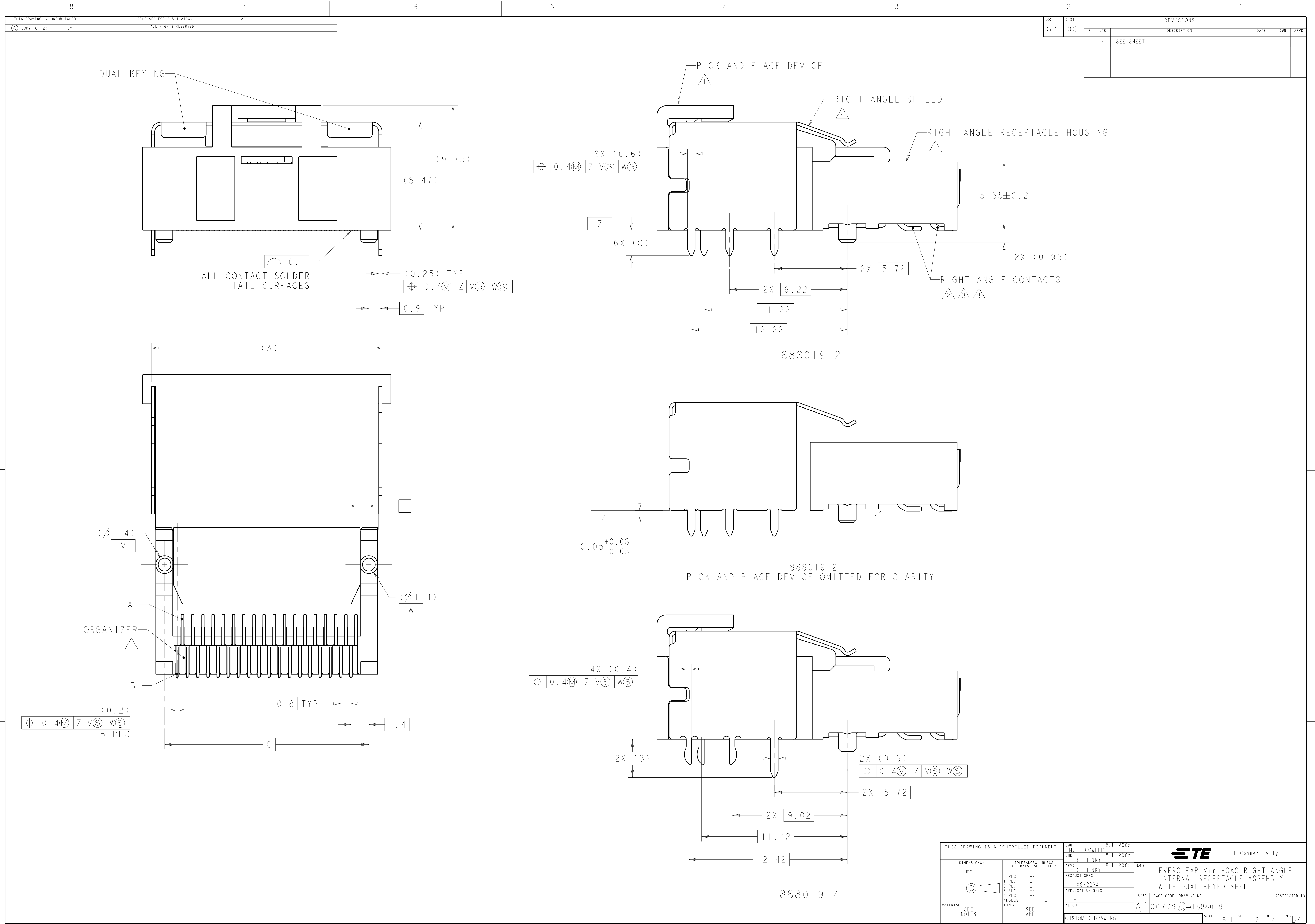
9 CUSTOMIZED PACKAGE SPEC FOR 1-1888019-3 AND 1-1888019-4



1888019-6, 1-1888019-3 AND 1-1888019-4  
SHOWN WITHOUT PICK AND PLACE DEVICE  
SCALE 8:1

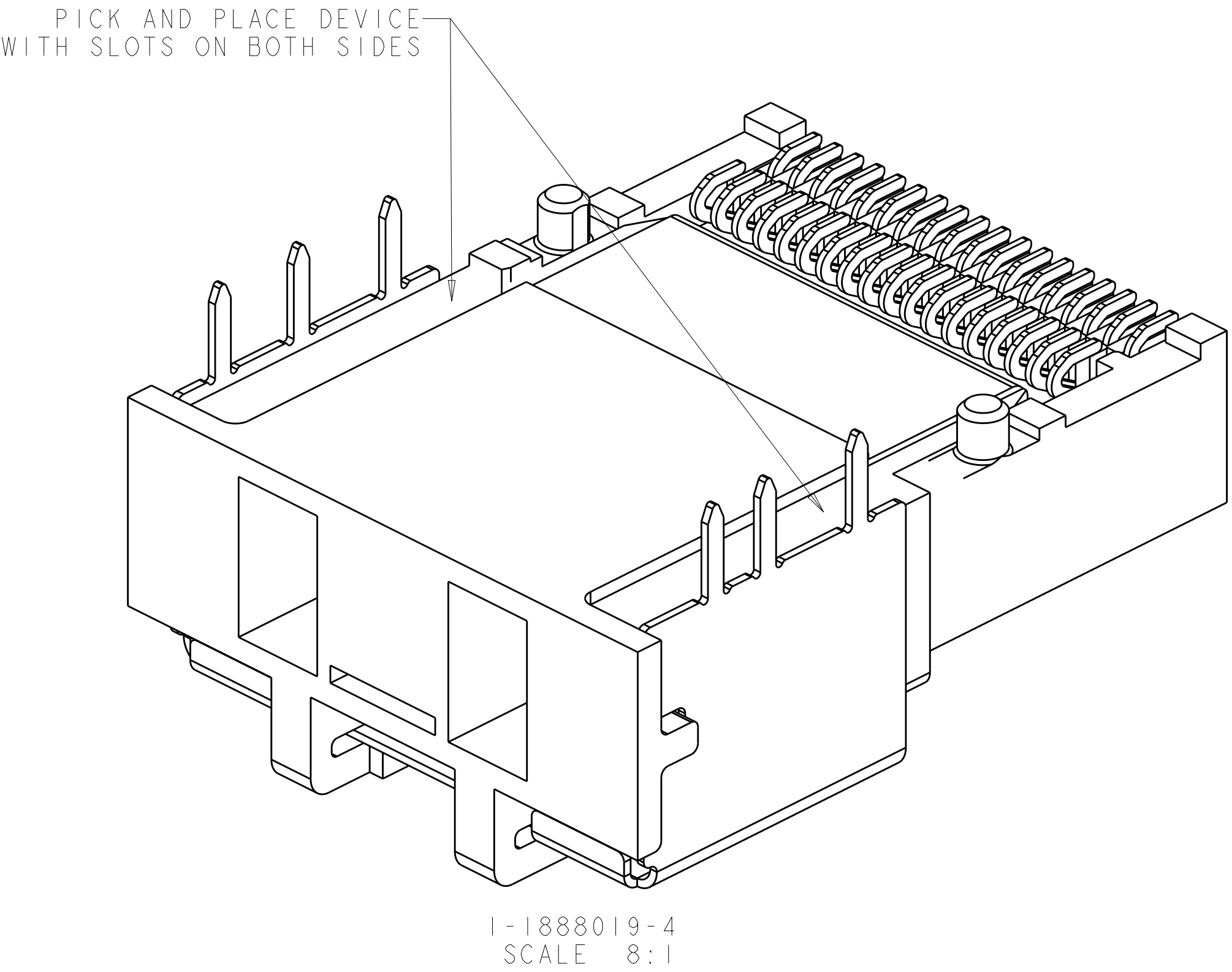
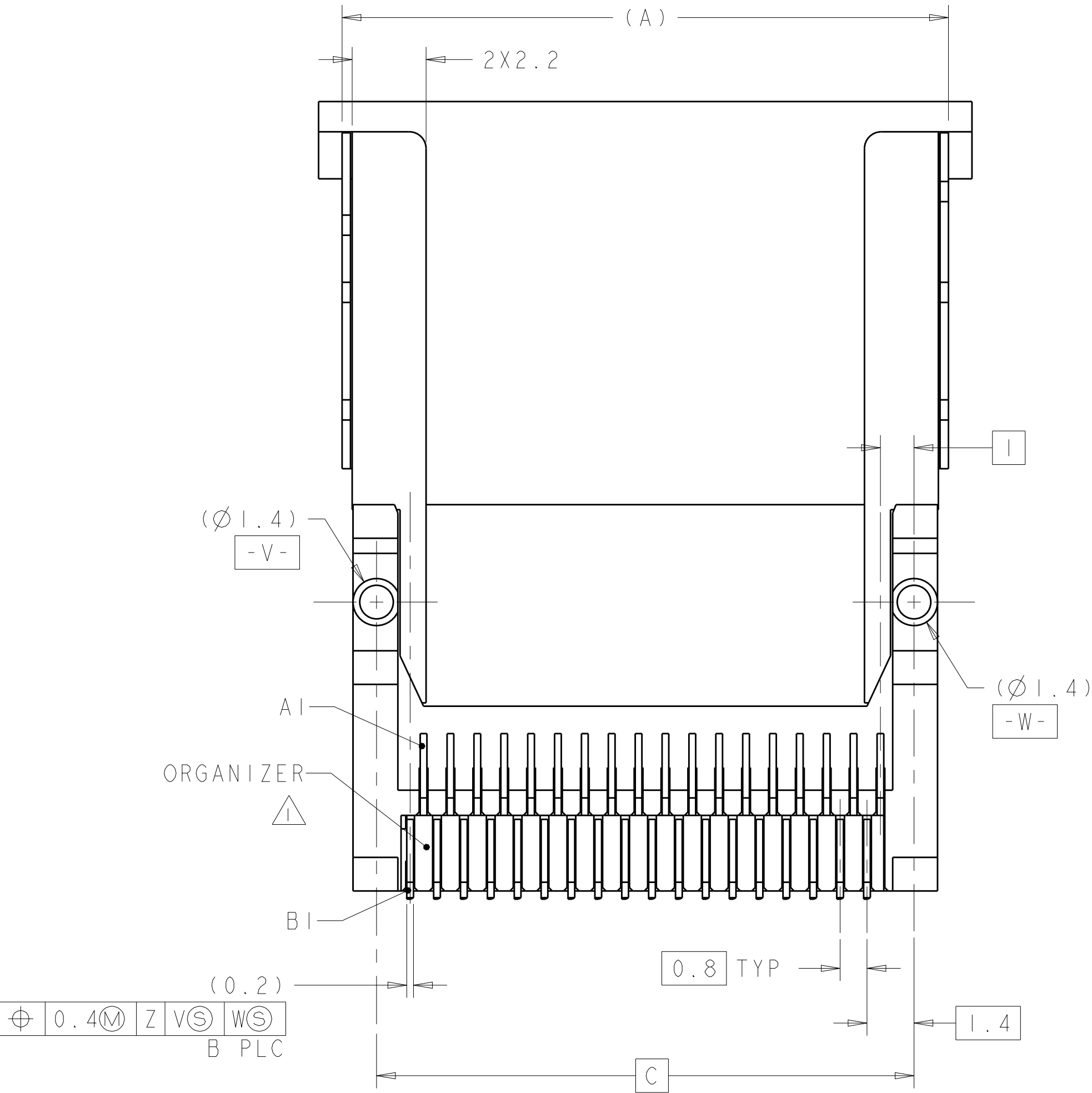
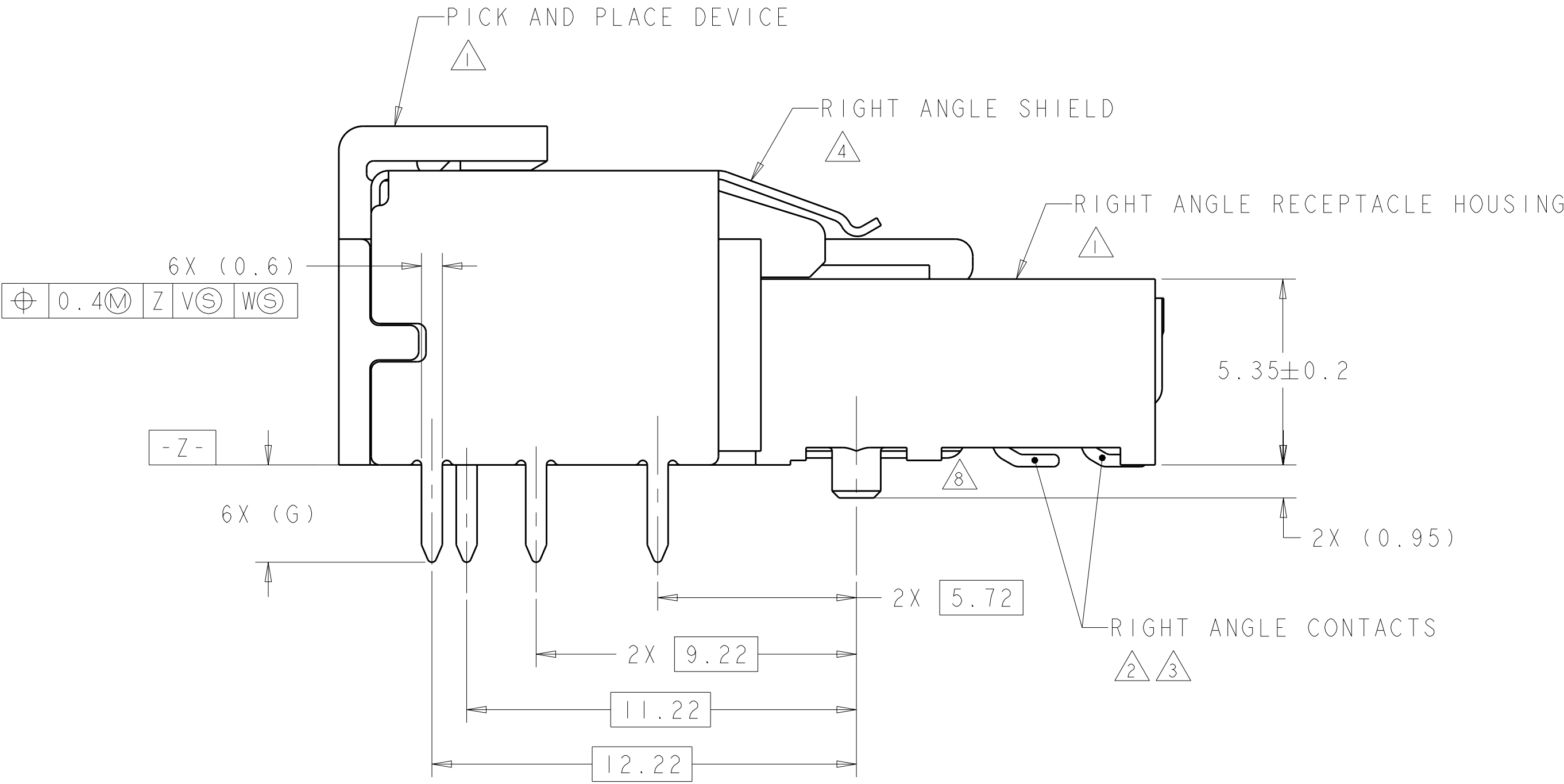
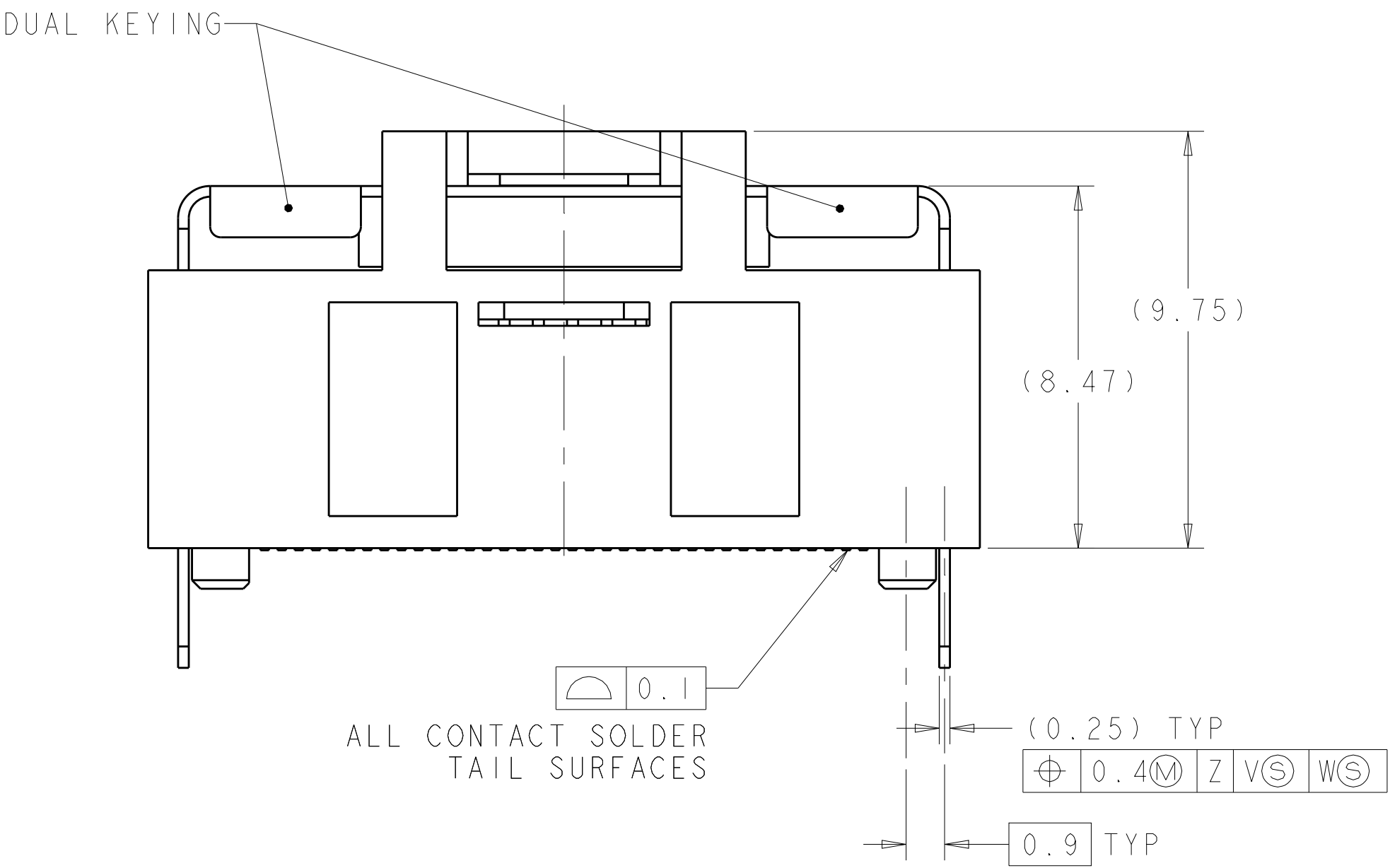
|        |            |     |      |    |    |    |       |      |               |
|--------|------------|-----|------|----|----|----|-------|------|---------------|
| 8      | THRU HOLE  | 3.5 | 17.8 | 16 | 16 | 36 | 18.05 | 36   | 1-1888019-2   |
|        | THRU HOLE  | 2.8 | 17.8 | 16 | 16 | 36 | 18.05 | 36   | 1-1888019-1   |
|        | PRESS FIT  | -   | 17.8 | 16 | 16 | 36 | 18.05 | 36   | 1-1888019-0   |
|        | THRU HOLE  | 2   | 17.8 | 16 | 16 | 36 | 18.05 | 36   | 1888019-9     |
| 3      | THRU HOLE  | 2.8 | 17.8 | 16 | 16 | 36 | 18.05 | 36   | 1-1888019-4 9 |
|        | THRU HOLE  | 2.8 | 17.8 | 16 | 16 | 36 | 18.05 | 36   | 1-1888019-3 9 |
|        | THRU HOLE  | 3.5 | 17.8 | 16 | 16 | 36 | 18.05 | 36   | 1888019-8     |
|        | THRU HOLE  | 2.8 | 17.8 | 16 | 16 | 36 | 18.05 | 36   | 1888019-6     |
|        | PRESS FIT  | -   | 17.8 | 16 | 16 | 36 | 18.05 | 36   | 1888019-4     |
|        | THRU HOLE  | 2   | 17.8 | 16 | 16 | 36 | 18.05 | 36   | 1888019-2     |
| FINISH | SHELL TYPE | G   | E    | D  | C  | B  | A     | POSN | PART NUMBER   |

|                                        |  |                                 |                                                                                                       |                                                                                         |  |
|----------------------------------------|--|---------------------------------|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>M.E. CONNER<br>18JUL2005 |  TE Connectivity |                                                                                         |  |
| DIMENSIONS:                            |  | CHK<br>R.R. HENRY<br>18JUL2005  |                                                                                                       |                                                                                         |  |
| mm                                     |  | APVD<br>R.R. HENRY<br>18JUL2005 | NAME                                                                                                  | EVERCLEAR Mini-SAS RIGHT ANGLE<br>INTERNAL RECEPTACLE ASSEMBLY<br>WITH DUAL KEYED SHELL |  |
|                                        |  |                                 |                                                                                                       |                                                                                         |  |



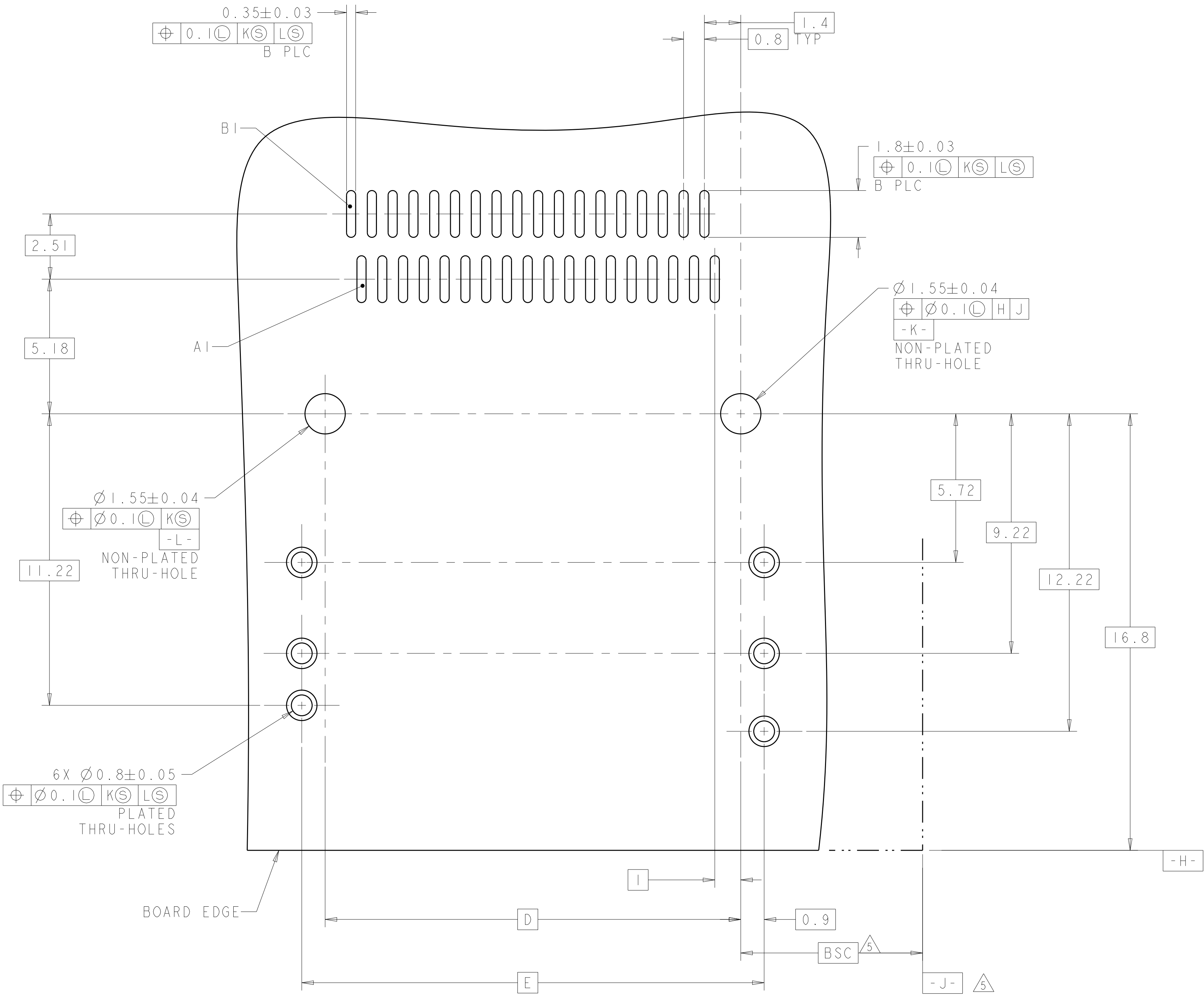
| LOC |    | DIST |     | REVISIONS   |      |     |      |  |  |
|-----|----|------|-----|-------------|------|-----|------|--|--|
| GP  | 00 | P    | LTR | DESCRIPTION | DATE | DWN | APVD |  |  |
|     |    | -    |     | SEE SHEET 1 | -    | -   | -    |  |  |
|     |    |      |     |             |      |     |      |  |  |
|     |    |      |     |             |      |     |      |  |  |
|     |    |      |     |             |      |     |      |  |  |

1-1888019-4 AS SHOWN



|                                        |                                        |                                 |                                                                                   |        |
|----------------------------------------|----------------------------------------|---------------------------------|-----------------------------------------------------------------------------------|--------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                        | DWN<br>M.E. CONNER<br>18JUL2005 | TE Connectivity                                                                   |        |
| DIMENSIONS:                            |                                        | CHK<br>R.R. HENRY<br>18JUL2005  |                                                                                   |        |
| mm                                     | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD<br>R.R. HENRY<br>18JUL2005 | NAME                                                                              |        |
|                                        | 0 PLC ±                                | PRODUCT SPEC                    | EVERCLEAR Mini-SAS RIGHT ANGLE INTERNAL RECEPTACLE ASSEMBLY WITH DUAL KEYED SHELL |        |
|                                        | 1 PLC ±                                | 108-2234                        |                                                                                   |        |
|                                        | 2 PLC ±                                | APPLICATION SPEC                | SIZE CAGE CODE DRAWING NO                                                         |        |
|                                        | 3 PLC ±                                |                                 |                                                                                   |        |
| MATERIAL                               | FINISH                                 | WEIGHT                          | A100779C=1888019                                                                  |        |
| SEE NOTES                              | SEE TABLE                              | CUSTOMER DRAWING                |                                                                                   |        |
|                                        |                                        | SCALE 8:1                       | SHEET 3 OF 4                                                                      | REV B4 |

| LOC | DIST | REVISIONS |     |             |      |     |
|-----|------|-----------|-----|-------------|------|-----|
|     |      | P         | LTR | DESCRIPTION | DATE | DWN |
| GP  | 00   | -         | -   | SEE SHEET 1 | -    | -   |
|     |      |           |     |             |      |     |
|     |      |           |     |             |      |     |
|     |      |           |     |             |      |     |



RECOMMENDED PCB LAYOUT  
SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN  
M.E. CONNER  
18JUL2005

CHK  
R.R. HENRY  
18JUL2005

APVD  
R.R. HENRY  
18JUL2005

NAME  
EVERCLEAR Mini-SAS RIGHT ANGLE  
INTERNAL RECEPTACLE ASSEMBLY  
WITH DUAL KEYED SHELL

DIMENSIONS:  
mm

0 PLC  
1 PLC  
2 PLC  
3 PLC  
4 PLC

±  
±  
±  
±  
±

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

±  
±  
±  
±  
±

MATERIAL  
SEE  
NOTES

ANGLES  
FINISH

±  
±

SEE  
TABLE

SEE  
TABLE

PRODUCT SPEC  
108-2234

APPLICATION SPEC  
-

WEIGHT  
-

CUSTOMER DRAWING

SIZE  
A1

CAGE CODE  
00779

DRAWING NO  
C=1888019

SCALE  
8:1

SHEET  
4

OF  
4

REV  
B4

RESTRICTED TO

TE Connectivity