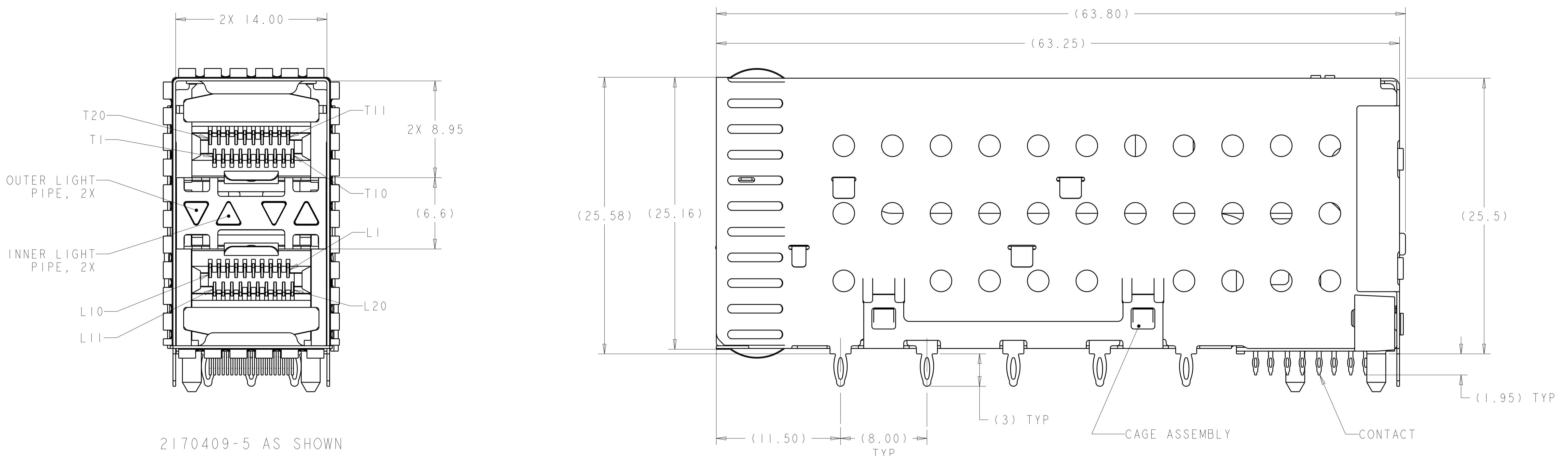


| LOC | DIST | REVISIONS |                        |             |      |     |
|-----|------|-----------|------------------------|-------------|------|-----|
|     |      | P         | LTR                    | DESCRIPTION | DATE | DNW |
| G   | 00   | A         | PRODUCTION RELEASE     | 09OCT2016   | JW   | SH  |
|     |      | B         | EMI SPRING TO 'U' TYPE | 14JAN2020   | IT   | SH  |
|     |      |           |                        |             |      |     |
|     |      |           |                        |             |      |     |



△ MATERIALS:  
CAGE ASSEMBLY- NICKEL SILVER ALLOY PER ASTM B 122.  
EMI SPRING- COPPER ALLOY.  
HOUSING- BLACK LCP, UL 94V-0 RATED.  
CHICKLET- BLACK LCP, UL 94V-0 RATED.  
LIGHT PIPE- POLYCARBONATE, CLEAR, UL 94V-2 RATED.  
INSERT - (FOR LIGHT PIPE PART NUMBERS ONLY) - PBT, BLACK, UL 94V-0.  
CONTACT- COPPER ALLOY.

△ DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

3. MINIMUM PCB THICKNESS OF 1.5.

△ CONTACT FINISH- CONFORMS TO THE REQUIREMENTS OF TE CONNECTIVITY PRODUCT SPECIFICATION 108-2331, BASED ON EIA/ECA-364-1000.01A, (CONTROLLED ENVIRONMENT APPLICATIONS) ON MATING INTERFACE, TIN-LEAD ON NEEDLE EYE.

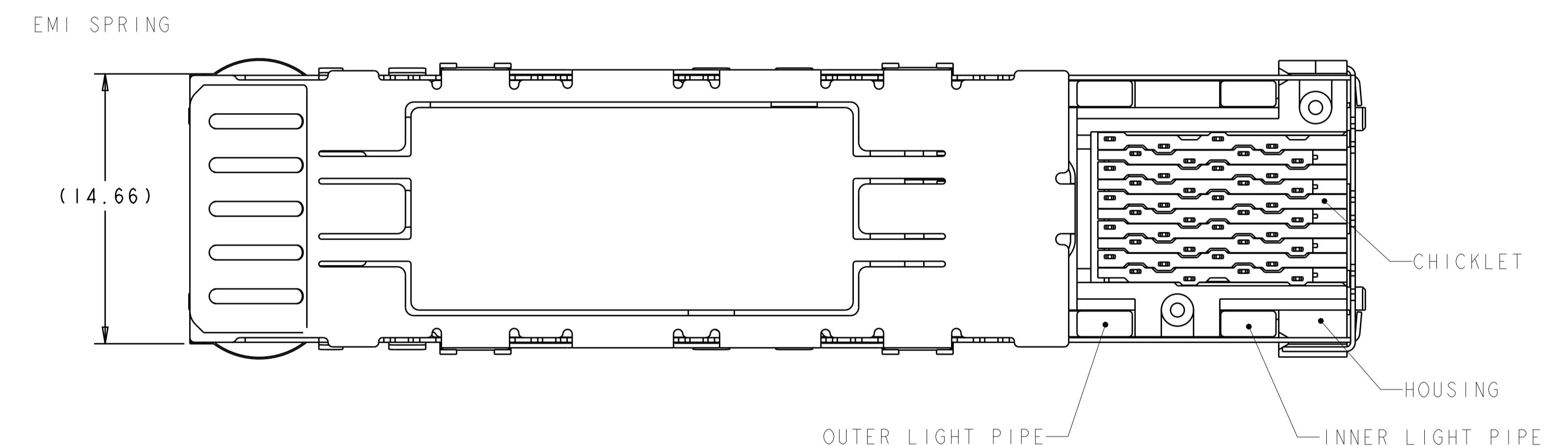
△ CONTACT FINISH- CONFORMS TO THE REQUIREMENTS OF TE CONNECTIVITY PRODUCT SPECIFICATION 108-2331, BASED ON EIA/ECA-364-1000.01A, (CONTROLLED ENVIRONMENT APPLICATIONS) ON MATING INTERFACE, TIN ON NEEDLE EYE.

△ FOR HOLE SIZE AND PLATINGS, SEE APPLICATION SPEC 114-13219.

△ THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS AND SIGNAL TRACES, TOP SIDE ONLY. TOP SIDE TRACES ALLOWED WITHIN CONNECTOR HOLE PATTERN.

△ LIGHT PIPE PAD LAYOUT IS FOR 0805 LOW PROFILE LED PACKAGE WITH A HEIGHT OF 0.8mm.

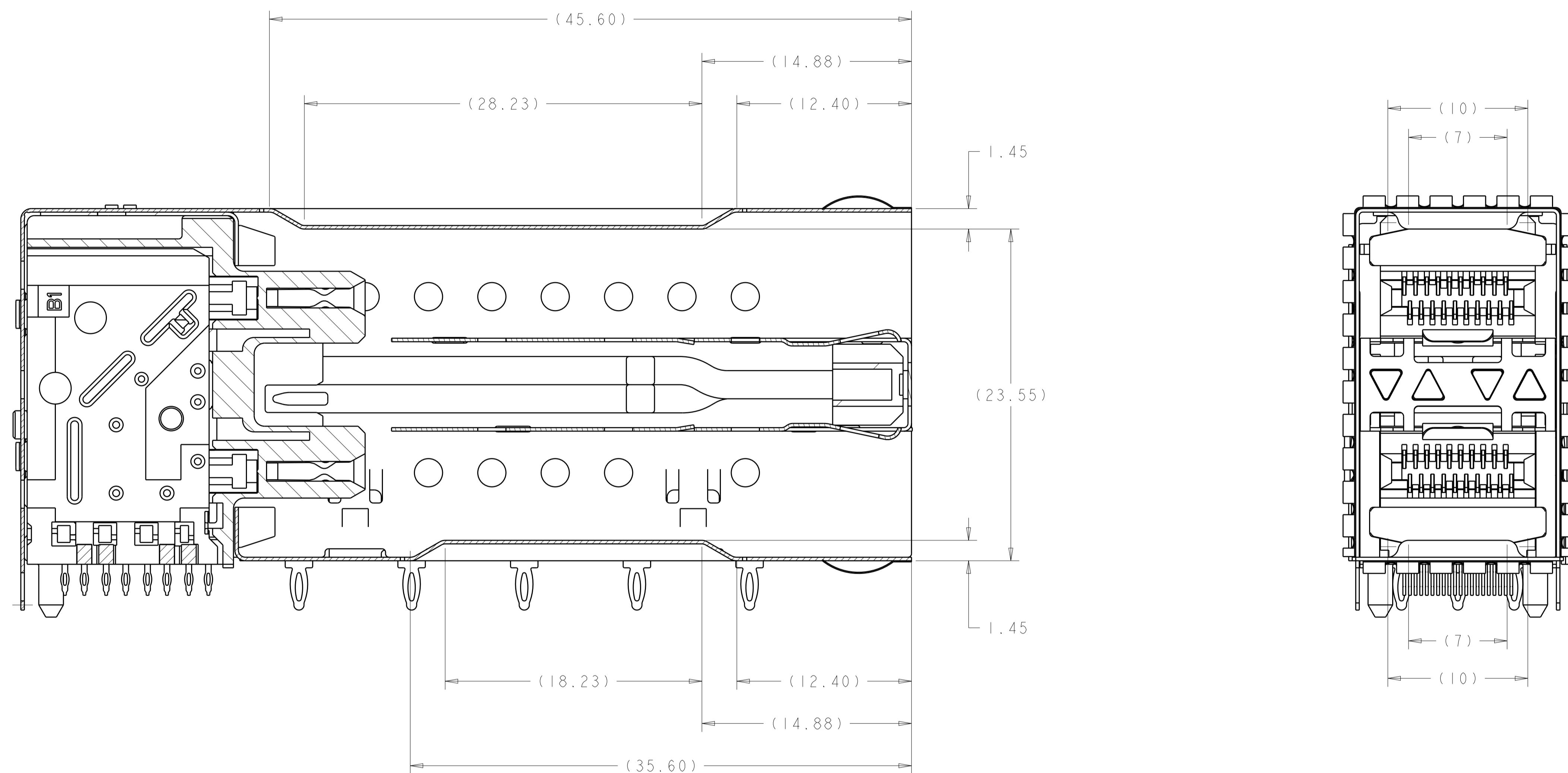
△ EMI SPRING FINISH: 1.27µm MINIMUM NICKEL PLATING, NONPLATED EDGES PERMISSIBLE.



| FINISH | DESCRIPTION | PART NUMBER | NO LIGHT PIPES      | 2170409-8 |
|--------|-------------|-------------|---------------------|-----------|
|        |             |             | OUTER 2 LIGHT PIPES | 2170409-7 |
|        |             |             | INNER 2 LIGHT PIPES | 2170409-6 |
|        |             |             | 4 LIGHT PIPES       | 2170409-5 |
| FINISH | DESCRIPTION | PART NUMBER |                     |           |
|        |             |             |                     |           |

THIS DRAWING IS A CONTROLLED DOCUMENT. DWN: TIM XUE 02NOV2012  
CHG: ALEX CAI 02NOV2012  
APV: ALEX CAI 02NOV2012  
NAME: CAGE AND PT CONNECTOR ASSEMBLY,  
WITH EMI SPRINGS,  
PRESS FIT, 2X1, STACKED SFP+  
DIMENSIONS: mm  
TOLERANCES UNLESS OTHERWISE SPECIFIED:  
0 PLC ±0.25  
1 PLC ±0.25  
2 PLC ±0.25  
3 PLC ±0.25  
4 PLC ±0.25  
ANGLES ±1°  
APPLICATION SPEC: 108-2331  
PRODUCT SPEC: 114-13219  
MATERIAL: △  
FINISH: △ 4 5 9  
WEIGHT: -  
SIZE: CAGE CODE: DRAWING NO: A100779 C=2170409  
RESTRICTED TO: -  
CUSTOMER DRAWING: REV: B  
SCALE: 5:1 SHEET: 1 OF 5

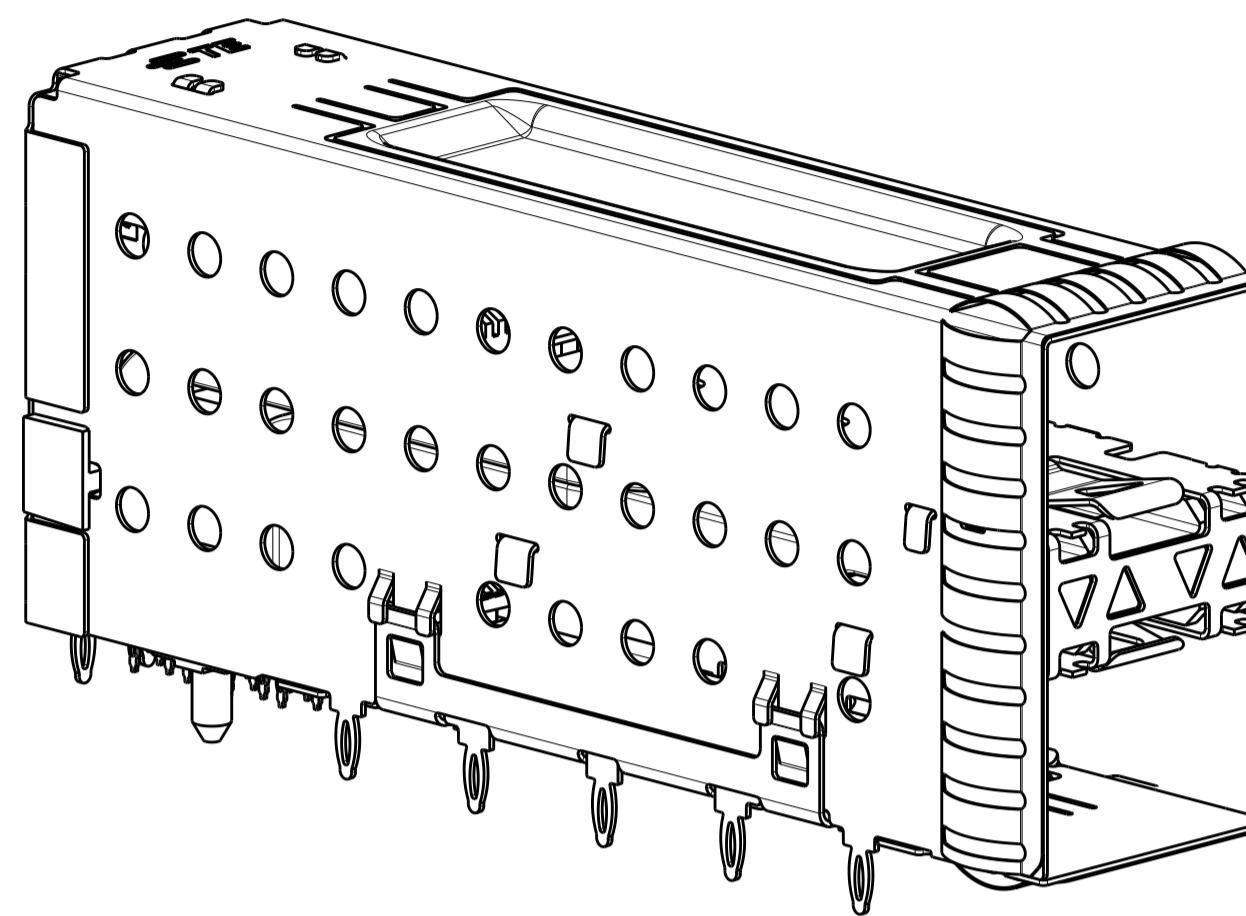
| LOC | DIST | REVISIONS |     |             |      |
|-----|------|-----------|-----|-------------|------|
|     |      | P         | LTR | DESCRIPTION | DATE |
| GP  | 00   | -         | -   | SEE SHEET 1 | -    |
|     |      |           |     |             |      |
|     |      |           |    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



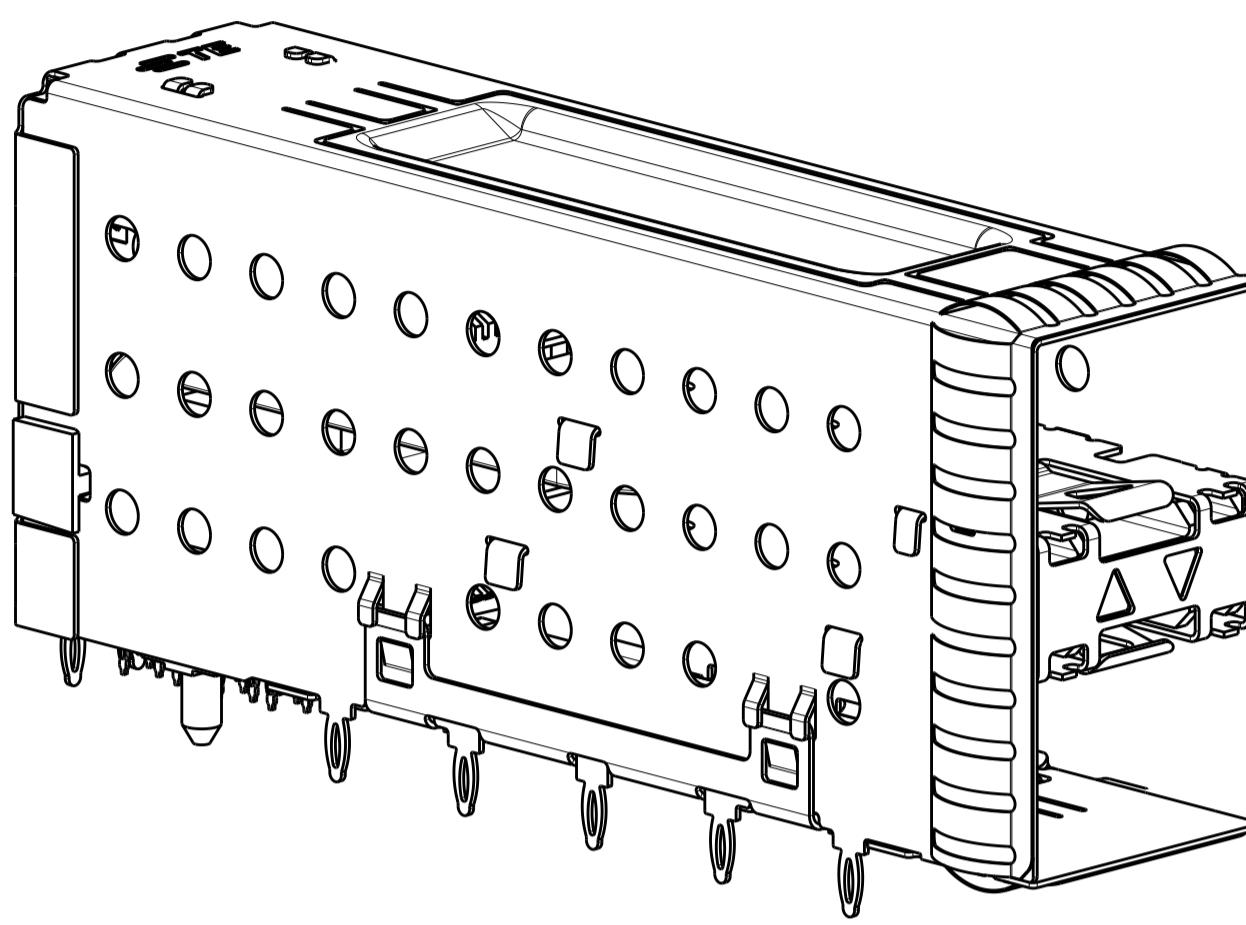
SECTION X-X

|  |        |  |  |
|--|--------|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |        | DWNOZNOV2012                           | TE Connectivity  |
| DIMENSIONS:                            | mm     | TOLERANCES UNLESS OTHERWISE SPECIFIED: |  |
| 0                                      | PLC    | ±0.25                                  |  |
| 1                                      | PLC    | ±0.25                                  |  |
| 2                                      | PLC    | ±0.25                                  |  |
| 3                                      | PLC    | ±0.25                                  |  |
| 4                                      | PLC    | ±0.25                                  |  |
|  |        | ANGLES                                 | ±1°  |
| MATERIAL                               | FINISH | APPLIC. SPEC.                          | 114-13219  |
|  |        | PRODUCT SPEC.                          | 108-2331   |
|  |        | NAME                                   | CAGE AND PT CONNECTOR ASSEMBLY,<br>WITH EMI SPRINGS,<br>PRESS FIT, 2X1, STACKED SFP+ |
|  |        | SIZE                                   | CAGE CODE / DRAWING NO.  |
|  |        | WEIGHT                                 | A100779C=2170409   |
|  |        | RESTRICTED TO                          | -  |
|  |        | CUSTOMER DRAWING                       |  |
|  |        | SCALE                                  | 5:1  |
|  |        | SHEET                                  | 2 OF 5   |
|  |        | REV                                    | B  |

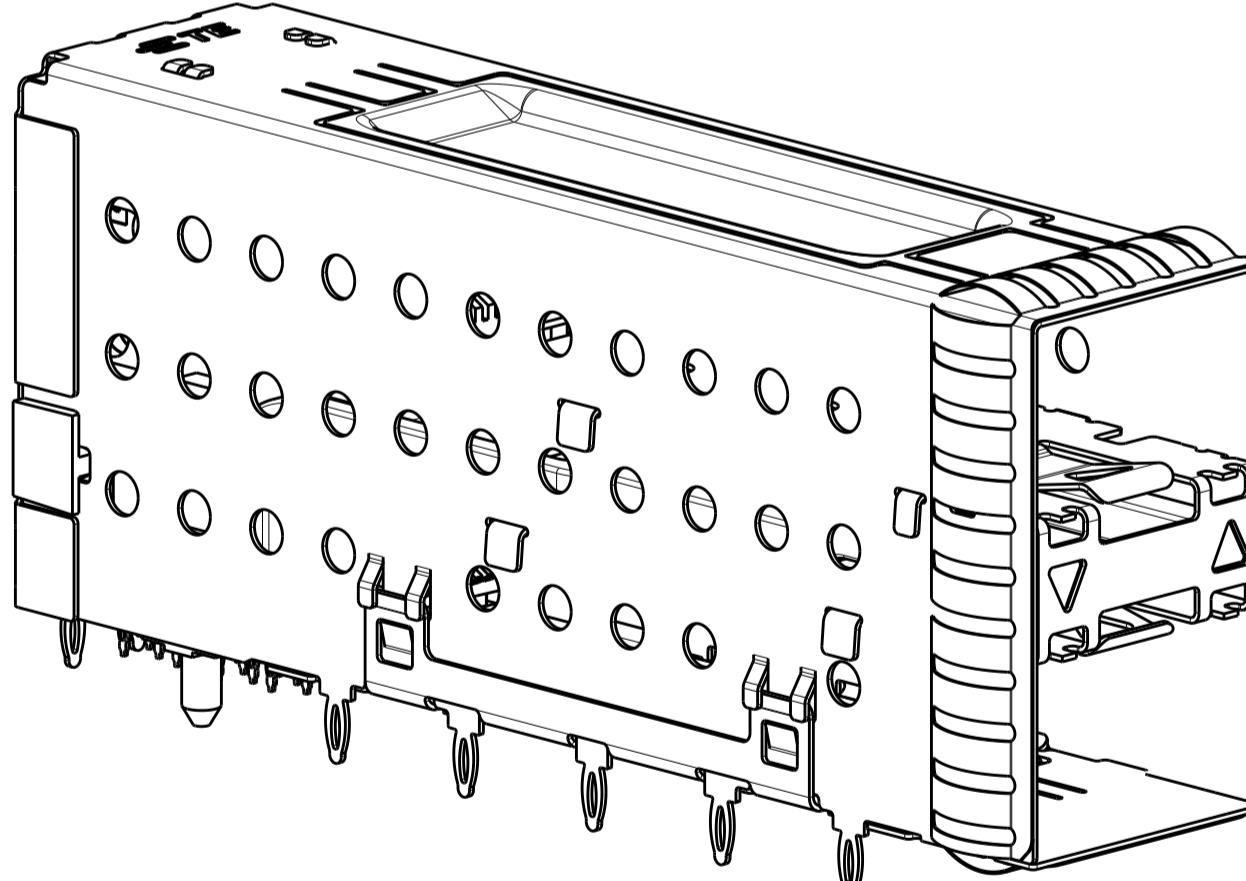
| LOC | DIST | REVISIONS |     |             |      |
|-----|------|-----------|-----|-------------|------|
|     |      | P         | LTR | DESCRIPTION | DATE |
| GP  | 00   | -         | -   | SEE SHEET 1 | -    |
|     |      |           |     |             |      |
|     |      |           |    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



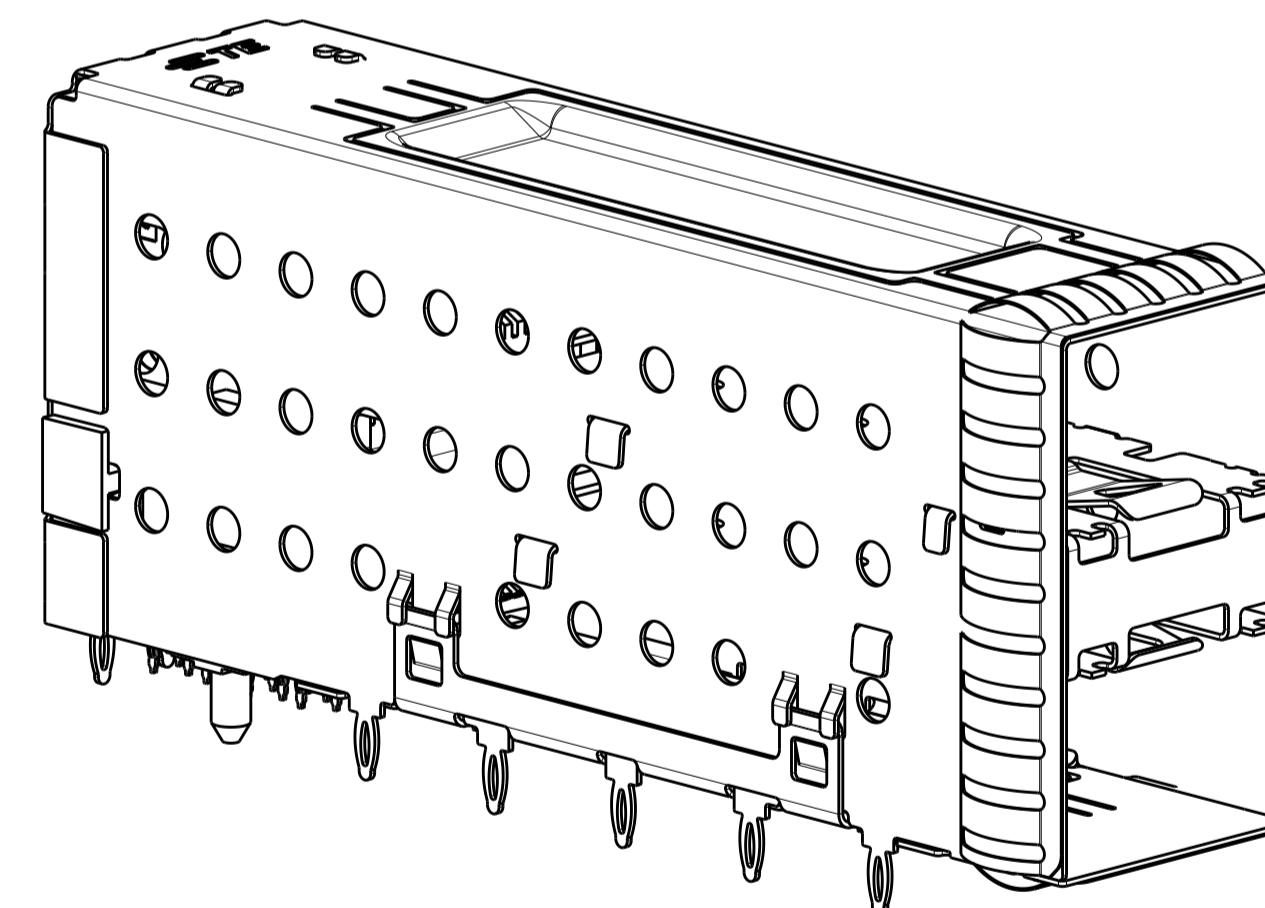
2170409-5  
SCALE 3:1



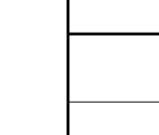
2170409-6  
SCALE 3:1

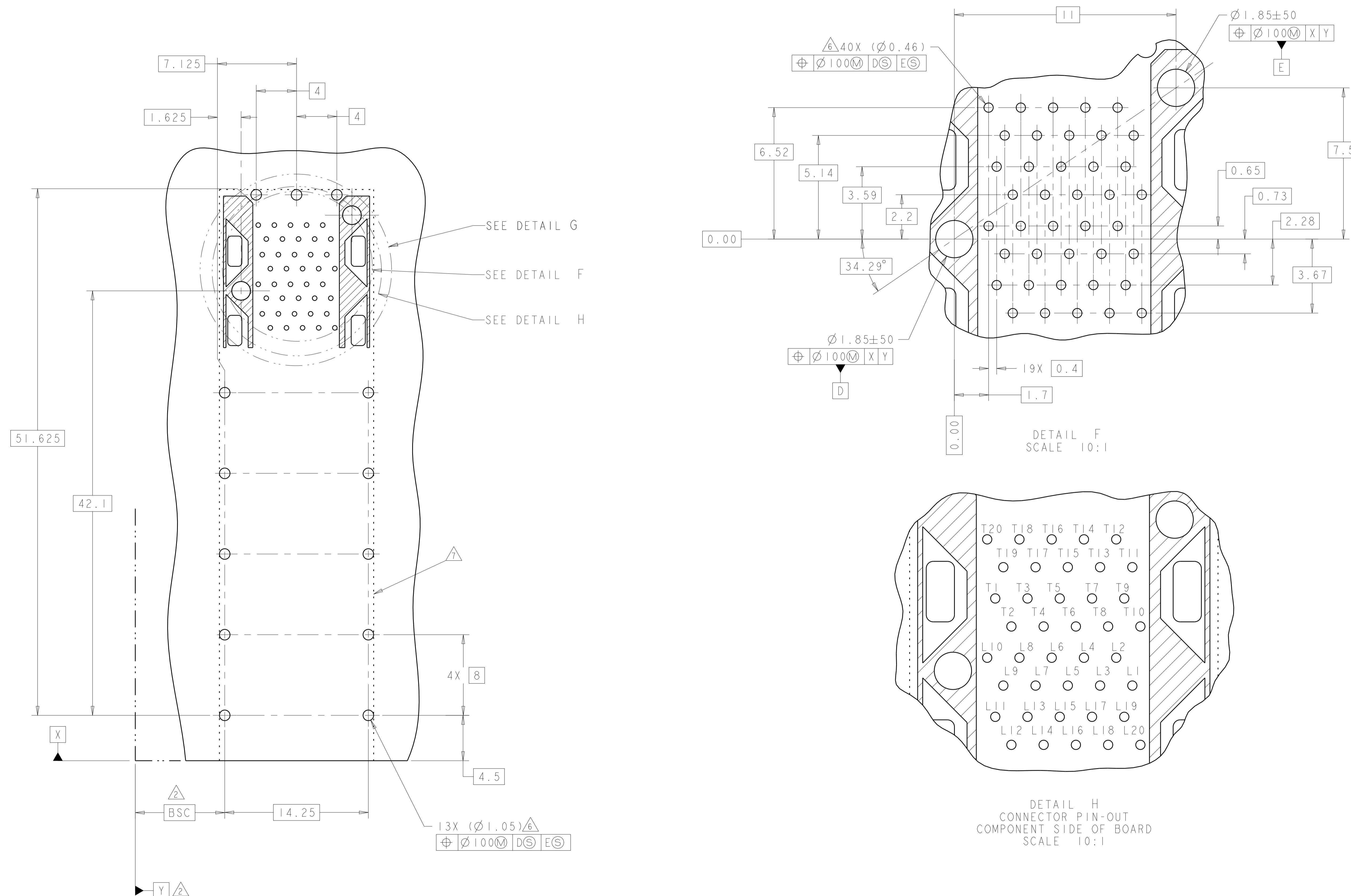


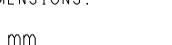
2170409-7  
SCALE 3:1



2170409-8  
SCALE 3:1

|   |        |  |                              |  |
|---|--------|--|------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.  |        | DN: TIM XUE 02NOV2012                  | RELEASER: ALEX CAI 02NOV2012 | TE Connectivity  |
| DIMENSIONS: mm  |        | TOLERANCES UNLESS OTHERWISE SPECIFIED: |                              | NAME: CAGE AND PT CONNECTOR ASSEMBLY, WITH EMI SPRINGS, PRESS FIT, 2X1, STACKED SFP+ |
|  |        | 0 PLC ±0.25                            | 1 PLC ±0.20                  | ITEM: 108-2331   |
|   |        | 2 PLC ±0.10                            | 3 PLC ±0.10                  | APPLICATION SPEC: 114-13219  |
|   |        | 4 PLC ±0.10                            | ANGLES: ±1°                  | WEIGHT: -  |
| MATERIAL  | FINISH |  |                              | SIZE: CAGE CODE: DRAWING NO: A100779C=2170409  |
|   |        |  |                              | RESTRICTED TO: -   |
|   |        |  |                              | CUSTOMER DRAWING   |
|   |        |  |                              | SCALE: 5:1 SHEET 3 OF 5 REV: B   |



|   |   |   |                                     |   |                    |          |
|---|---|---|-------------------------------------|---|--------------------|----------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.  |   | DWN<br>TIM XUE<br>CHK<br>ALEX CAI<br>APVD<br>ALEX CAI     | 02NOV2012<br>02NOV2012<br>02NOV2012 | <br><b>TE Connectivity</b><br>CAGE AND PT CONNECTOR ASSEMBLY,<br>WITH EMI SPRINGS,<br>PRESS FIT, 2X1, STACKED SFP+ |                    |          |
| DIMENSIONS:<br>mm   | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: | PRODUCT SPEC<br>108-2331<br>APPLICATION SPEC<br>114-13219 | NAME                                |   |                    |          |
| <br>0 PLC ±<br>1 PLC ±0.20<br>2 PLC ±0.15<br>3 PLC ±0.10<br>4 PLC ±<br>ANGLES ±- |   | SIZE<br>A1  | CAGE CODE<br>00779                  | DRAWING NO<br>C-2170409   | RESTRICTED TO<br>- |          |
| MATERIAL  | FINISH                                    | WEIGHT<br>-   | SCALE<br>5:1                        | SHEET<br>4  | OF<br>5            | REV<br>B |
| CUSTOMER DRAWING  |   |   |                                     |   |                    |          |

