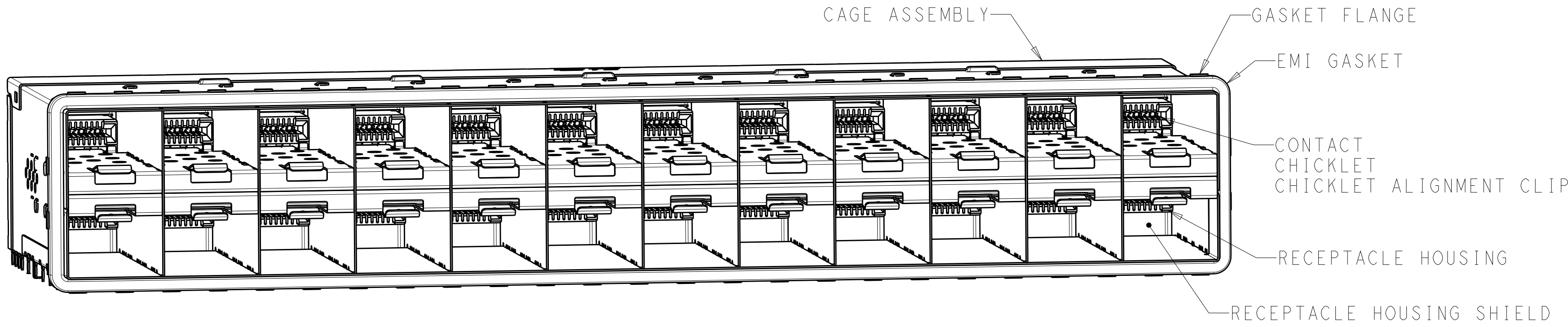
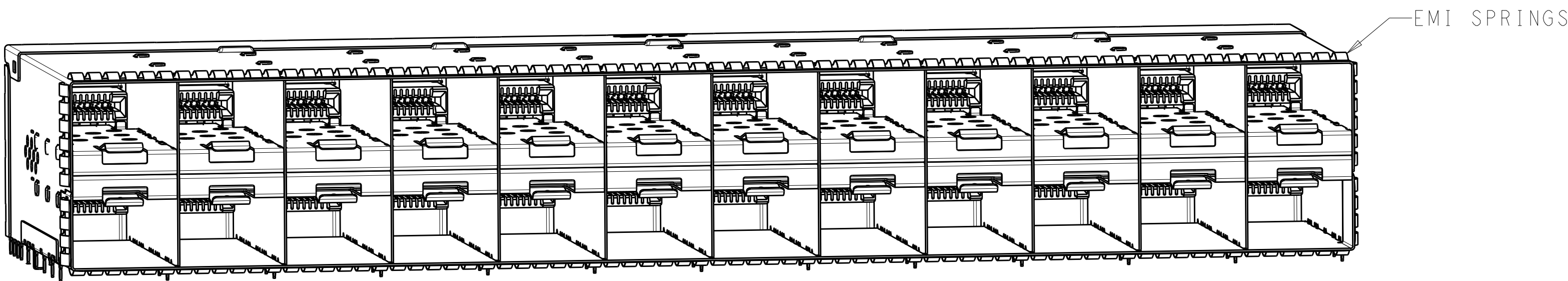


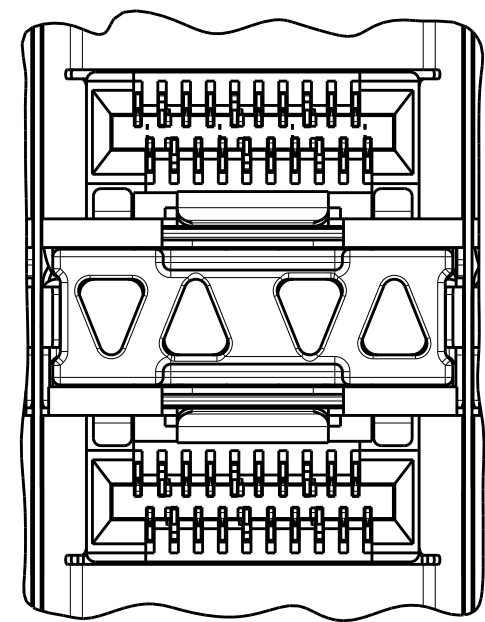
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| 1   |     | INITIAL RELEASE |  | 26JAN2015 | MS  | PAR  |  |
| A   |     | MASS PRODUCTION |  | 20DEC2015 | PP  | SH   |  |
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|     |     |                 |  |           |     |      |  |



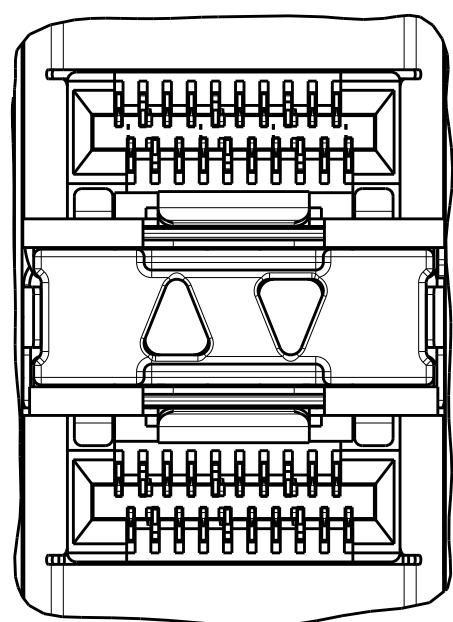
2288172-1



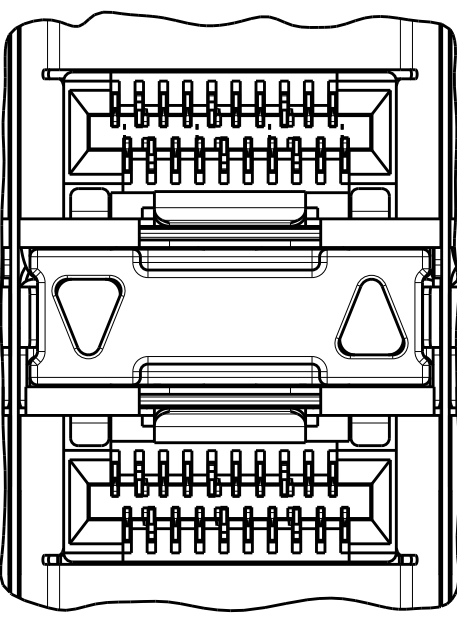
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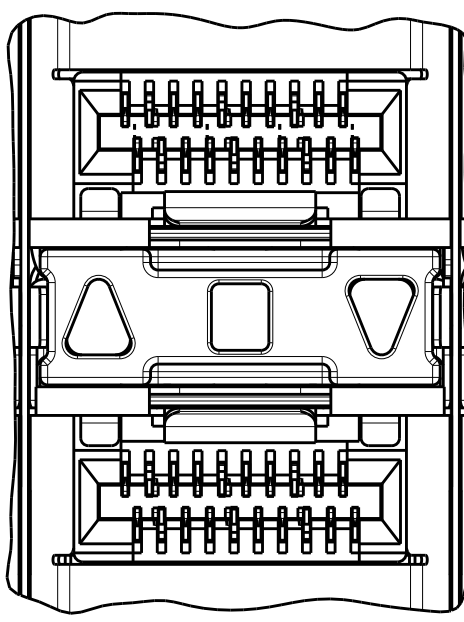
INNER/OUTER LIGHT PIPE  
2288172-2, 2288172-6  
SCALE 4:1



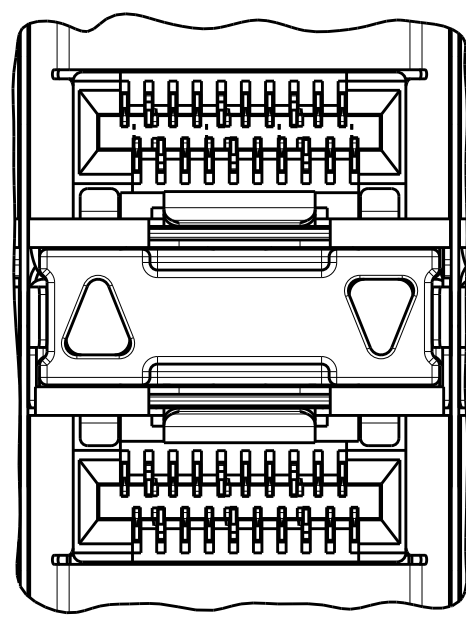
INNER LIGHT PIPE  
2288172-3, 2288172-7  
SCALE 4:1



OUTER LIGHT PIPE  
2288172-4, 2288172-8  
SCALE 4:1



CENTER/REVERSED OUTER  
1-2288172-7, 1-2288172-9  
SCALE 4:1

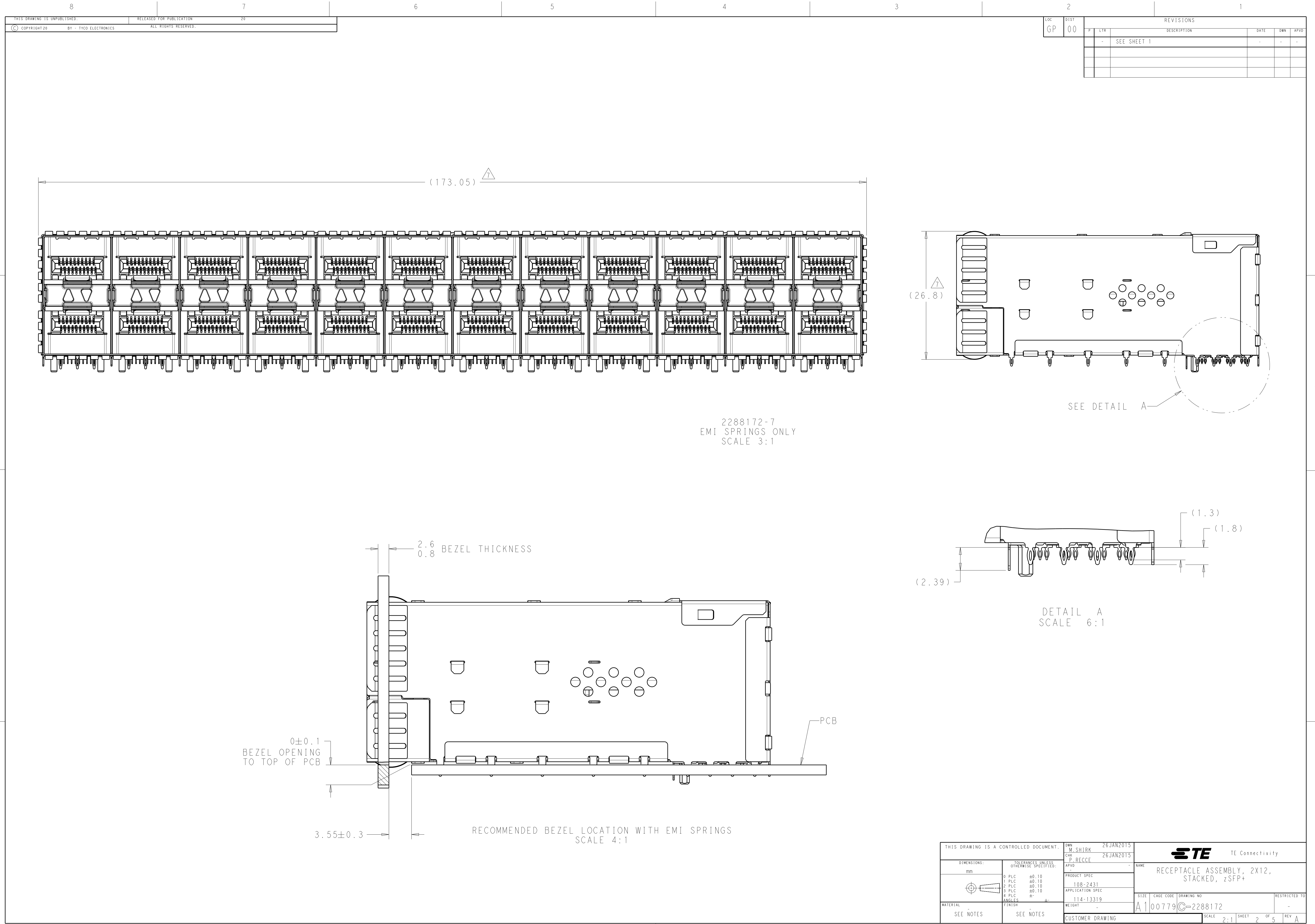


REVERSED OUTER  
1-2288172-8, 2-2288172-0  
SCALE 4:1

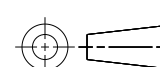
1. MATERIALS:  
CAGE ASSEMBLY - NICKEL-SILVER ALLOY PER ASTM B 122  
RECEPTACLE HOUSING - LCP, BLACK, UL 94V-O RATED  
RECEPTACLE HOUSING SHIELD - COPPER ALLOY  
CHICKLET - LCP, BLACK, UL 94V-O RATED  
CHICKLET ALIGNMENT CLIP - PBT  
CONTACT - COPPER ALLOY  
EMI GASKET - ELASTOMERIC  
GASKET FLANGE - STAINLESS STEEL  
LIGHT PIPE - POLYCARBONATE  
LIGHT PIPE HOUSING - ZINC ALLOY  
EMI SPRINGS - PHOSPHOR BRONZE PER ASTM B103
2. CONTACT FINISH:  
CONFORMS TO THE REQUIREMENTS OF TYCO ELECTRONICS  
PRODUCT SPECIFICATION 108-2481, BASED ON EIA/ECA-364-1000.01A,  
(CONTROLLED ENVIRONMENT APPLICATIONS) ON MATING INTERFACE,  
TIN ON NEEDLE EYE
3. PCB MINIMUM THICKNESS = 1.5mm
4. FOR HOLE SIZE AND PLATINGS,  
SEE APPLICATION SPECIFICATION 114-13319
5. LIGHT PIPE PAD LAYOUT IS FOR 0805 LOW PROFILE  
LED PACKAGE WITH A HEIGHT OF 0.8mm
6. 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
7. DIMENSION APPLIES FROM EMI SPRINGS ONLY.

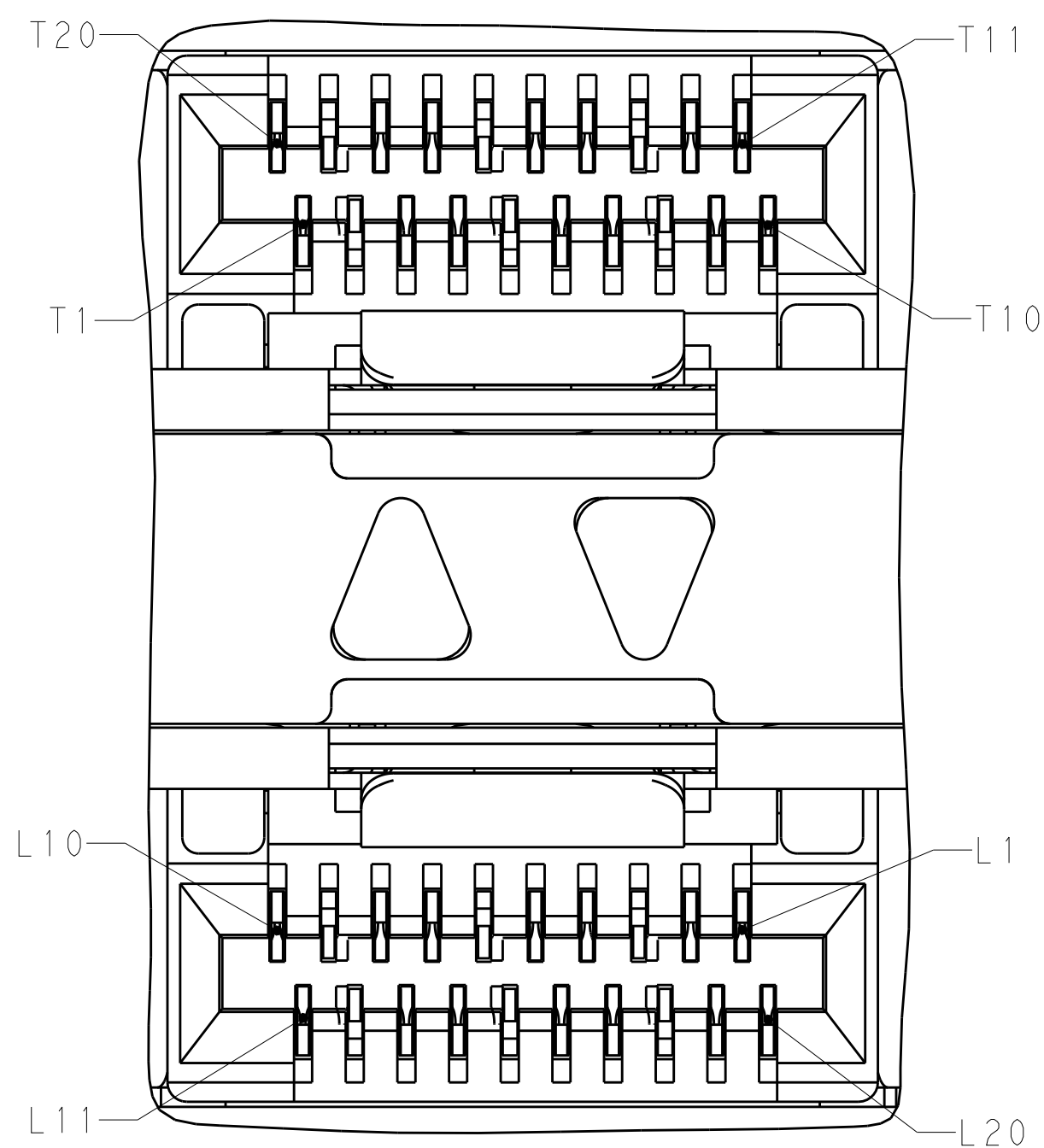
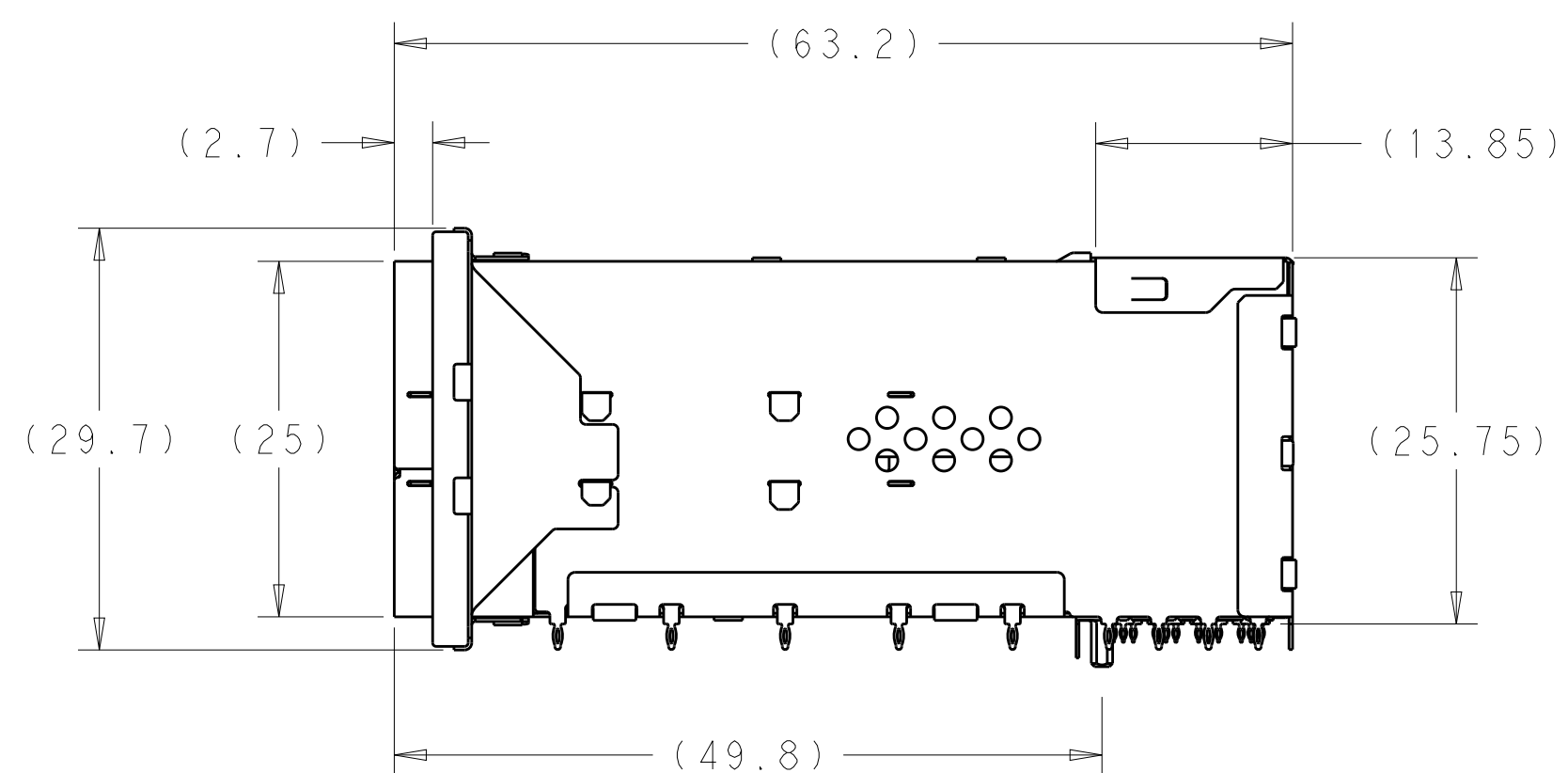
|        |             |                          |             |
|--------|-------------|--------------------------|-------------|
| 173.5  | EMI SPRINGS | REVERSED OUTER           | 2-2288172-0 |
|        |             | CENTER/REVERSED OUTER    | 1-2288172-9 |
| 176.25 | EMI GASKET  | REVERSED OUTER           | 1-2288172-8 |
|        |             | CENTER/REVERSED OUTER    | 1-2288172-7 |
| 173.5  | EMI SPRINGS | OUTER                    | 2288172-8   |
|        |             | INNER                    | 2288172-7   |
|        |             | INNER/OUTER              | 2288172-6   |
|        |             | NONE                     | 2288172-5   |
| 176.25 | EMI GASKET  | OUTER                    | 2288172-4   |
|        |             | INNER                    | 2288172-3   |
|        |             | INNER/OUTER              | 2288172-2   |
|        |             | NONE                     | 2288172-1   |
| (E)    | CAGE TYPE   | LIGHT PIPE CONFIGURATION | PART NUMBER |

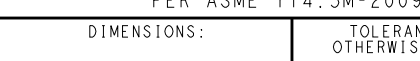
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| THIS DRAWING IS A CONTROLLED DOCUMENT.<br>DIMENSIONING AND TOLERANCING<br>PER ASME Y14.5M-2009 |  | DWN<br>M. SHIRK<br>CHK<br>P. RECCE<br>APVD | 26JAN2015<br>26JAN2015 | TE Connectivity                                           |  |
| DIMENSIONS:<br>mm                                                                              |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:  |                        | NAME                                                      |  |
| 0 PLC<br>1 PLC<br>2 PLC<br>3 PLC<br>4 PLC<br>ANGLES<br>FINISH                                  |  | ±0.10<br>±0.10<br>±0.10<br>±0.10<br>±<br>± |                        | PRODUCT SPEC<br>108-2431<br>APPLICATION SPEC<br>114-13319 |  |
| MATERIAL<br>SEE NOTES                                                                          |  | WEIGHT<br>-                                |                        | SIZE<br>A100779                                           |  |
| SEE NOTES                                                                                      |  | CUSTOMER DRAWING                           |                        | SCALE 2:1 SHEET 1 OF 5 REV A                              |  |



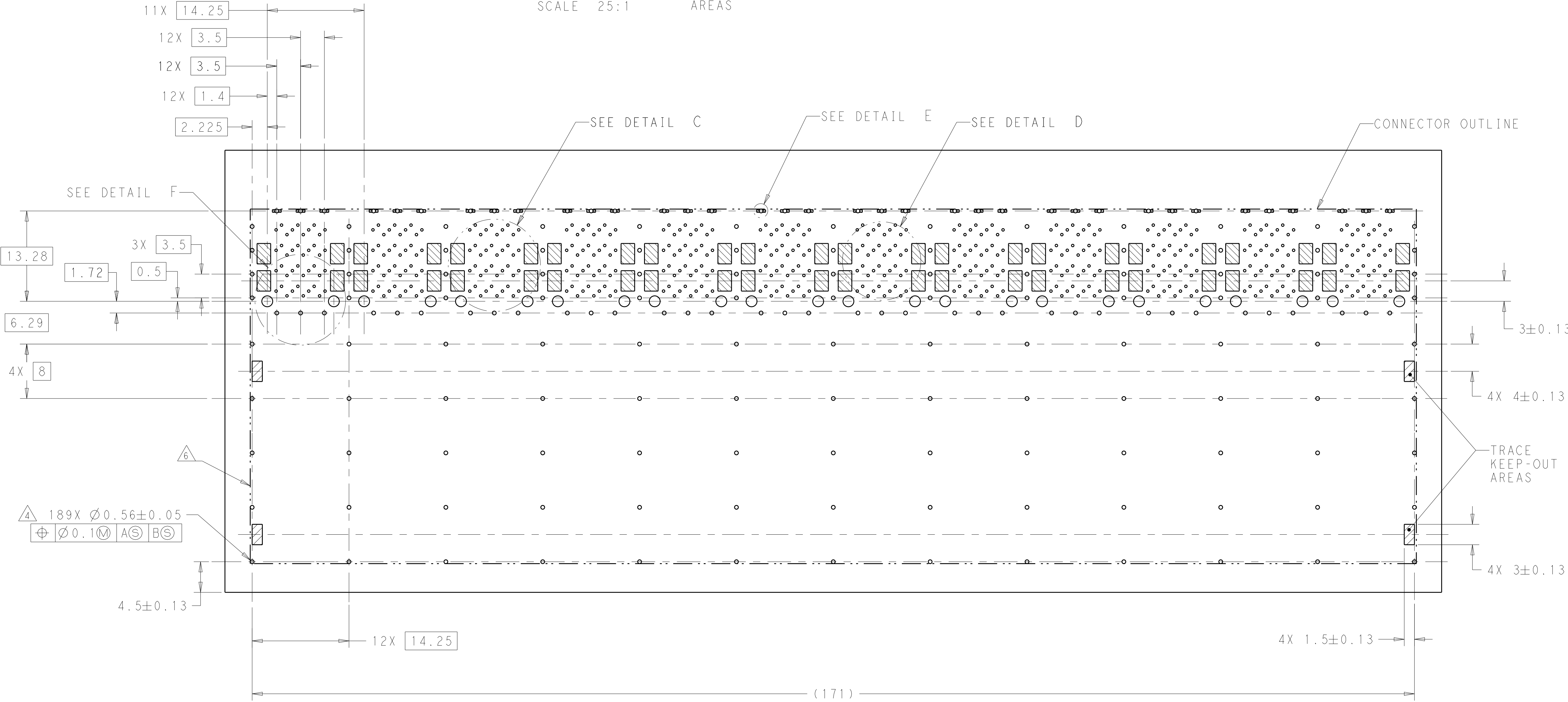
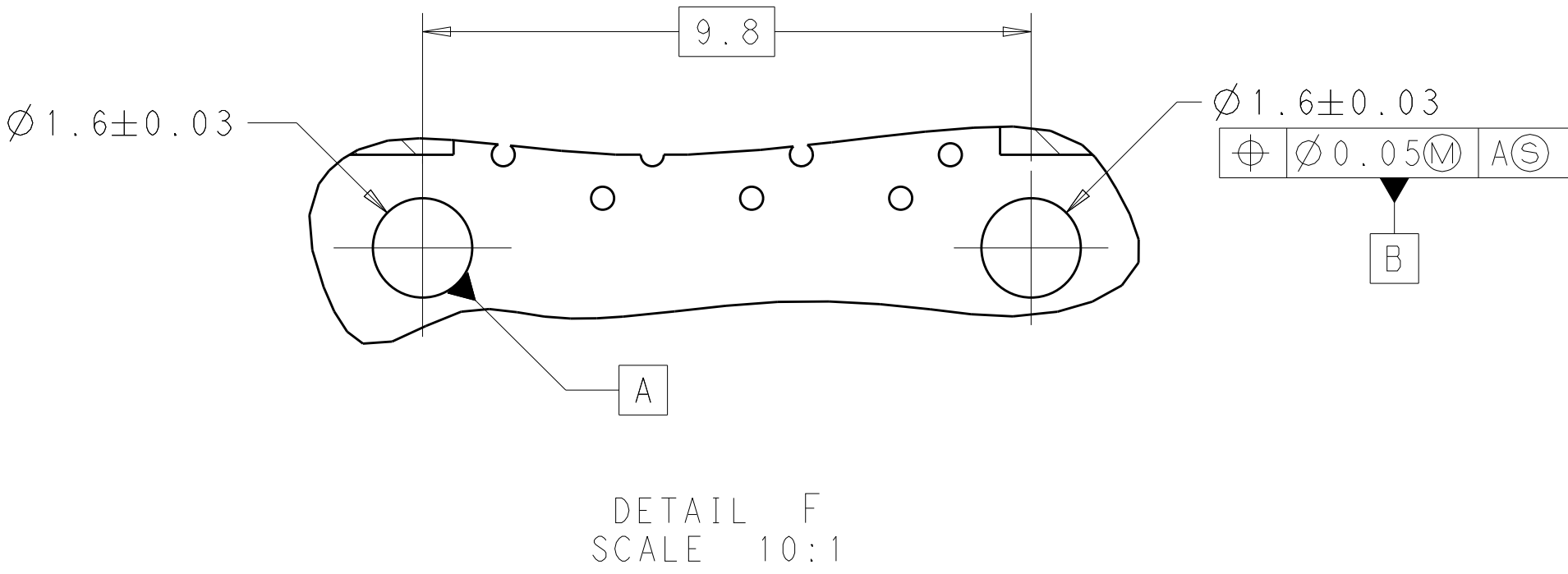
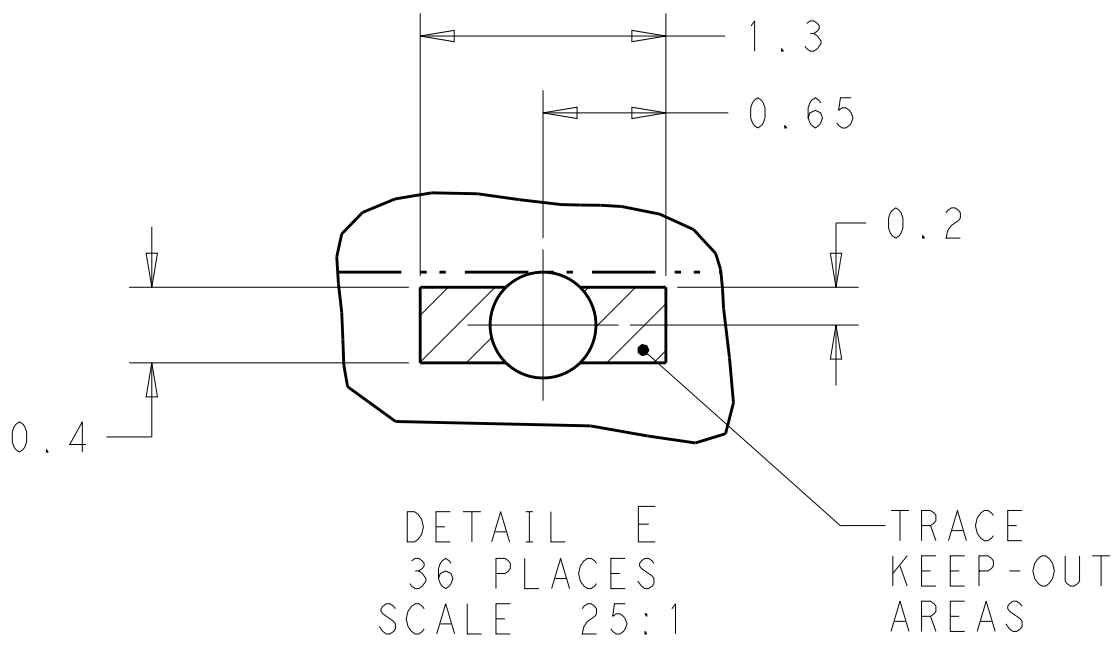
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| GP  | 00   | -         | -   | SEE SHEET 1 | -    | -   |
|     |      |           |     |             |      |     |
|     |      |           |     |             |      |     |
|     |      |           |     |             |      |     |

|                                        |                                                                                       |                                                                                                                                     |                                                                                                       |       |
|----------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                                                                       | DWN<br>M. SHIRK<br>26JAN2015                                                                                                        |  TE Connectivity |       |
|                                        |                                                                                       | CHK<br>P. RECCE<br>26JAN2015                                                                                                        |                                                                                                       |       |
| DIMENSIONS:<br>mm                      |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±0.10<br>1 PLC ±0.10<br>2 PLC ±0.10<br>3 PLC ±0.10<br>4 PLC ±<br>ANGLES ±<br>FINISH | NAME                                                                                                  |       |
|                                        |                                                                                       |                                                                                                                                     | RECEPTACLE ASSEMBLY, 2X12,<br>STACKED, zSFP+                                                          |       |
| MATERIAL<br>SEE NOTES                  | SEE NOTES                                                                             | PRODUCT SPEC                                                                                                                        | 108-2431                                                                                              |       |
|                                        |                                                                                       | APPLICATION SPEC                                                                                                                    | 114-1319                                                                                              |       |
|                                        |                                                                                       | WEIGHT                                                                                                                              | -                                                                                                     |       |
|                                        |                                                                                       | CUSTOMER DRAWING                                                                                                                    | RESTRICTED TO                                                                                         |       |
|                                        |                                                                                       | SCALE 2:1                                                                                                                           | SHEET 2 OF 5                                                                                          | REV A |



|                                                                                                |  |                                                                                                                                                                    |  |                                                                                                       |  |
|------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.<br>DIMENSIONING AND TOLERANCING<br>PER ASME Y14.5M-2009 |  | OWN: 26JAN2015<br>CHK: D. SHIRK<br>APP: P. RECCE<br>26JAN2015                                                                                                      |  |  TE Connectivity |  |
| DIMENSIONS:<br>mm                                                                              |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC $\pm 0.10$<br>1 PLC $\pm 0.10$<br>2 PLC $\pm 0.10$<br>3 PLC $\pm 0.10$<br>4 PLC $\pm 0.10$<br>ANGLES $\pm 1^\circ$ |  | NAME: RECEPTACLE ASSEMBLY, 2X12,<br>STACKED, zSFP+                                                    |  |
|           |  | PRODUCT SPEC<br>108-2431<br>APPLICATION SPEC<br>114-13319                                                                                                          |  | SIZE: CAGE CODE: DRAWING NO:<br>A100779 C2288172                                                      |  |
| MATERIAL: SEE NOTES                                                                            |  | FINISH: SEE NOTES<br>WEIGHT: -<br>CUSTOMER DRAWING                                                                                                                 |  | RESTRICTED TO: -<br>SCALE: 2:1 SHEET 3 OF 5 REV A                                                     |  |

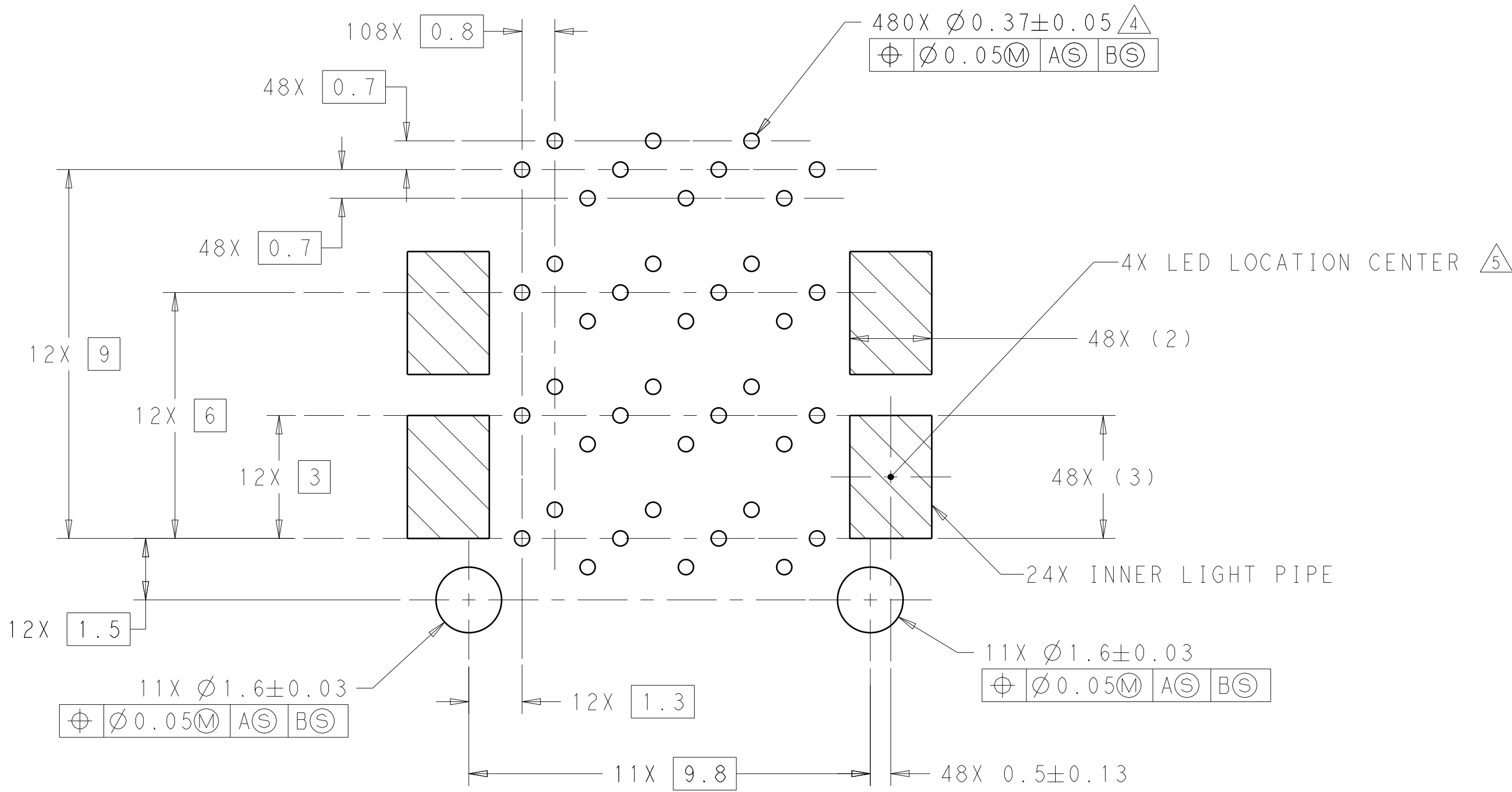
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| GP  |  | 00   |  | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|     |  |      |  | -         | -   | SEE SHEET 1 | -    | -   | -    |
|     |  |      |  |           |     |             |      |     |      |
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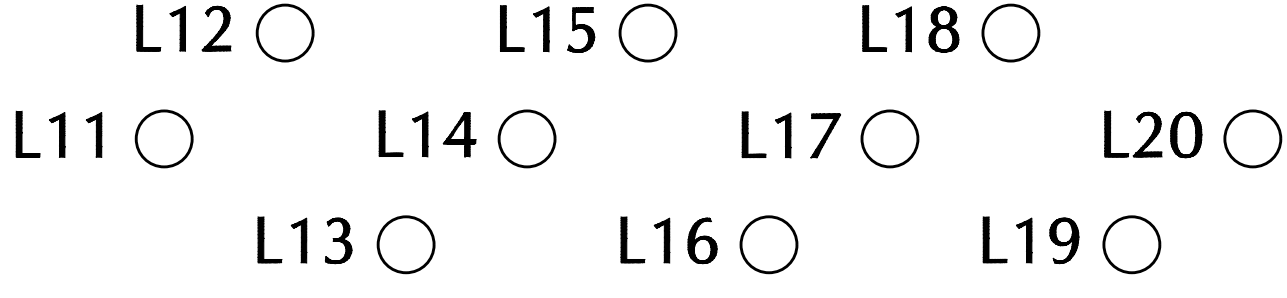
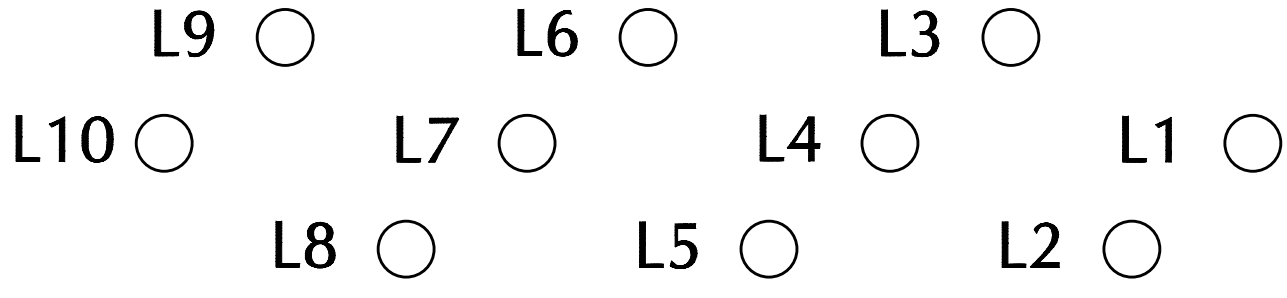
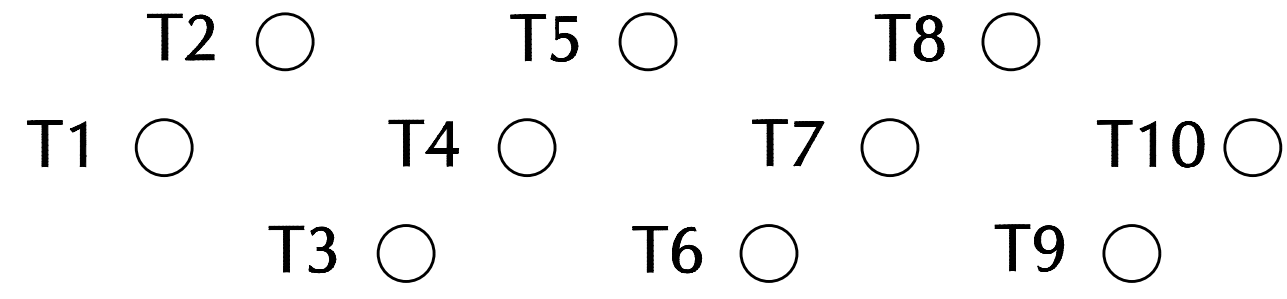
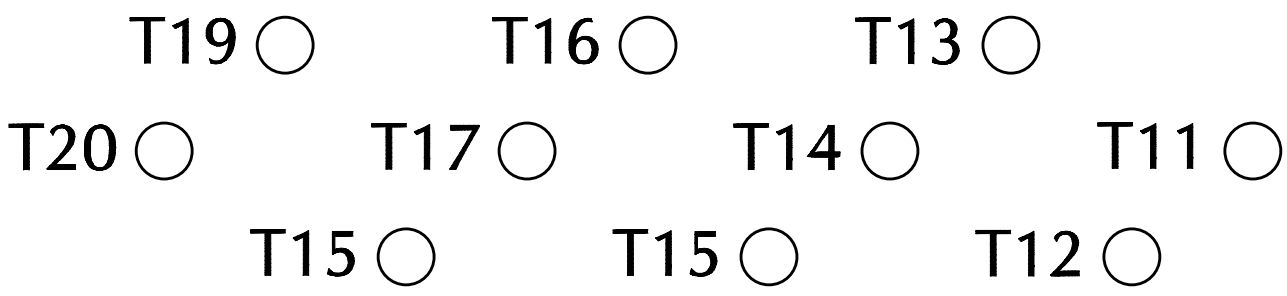
RECOMMENDED PCB LAYOUT  
SCALE 3:1

|                                                                                                |  |                              |                                                      |  |
|------------------------------------------------------------------------------------------------|--|------------------------------|------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.<br>DIMENSIONING AND TOLERANCING<br>PER ASME Y14.5M-2009 |  | DWN<br>M. SHIRK<br>26JAN2015 | TE Connectivity                                      |  |
| DIMENSIONS:<br>mm                                                                              |  | CHK<br>P. RECCE<br>26JAN2015 | NAME<br>RECEPTACLE ASSEMBLY, 2X12,<br>STACKED, zSFP+ |  |
| TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                                      |  | APVD                         | SIZE<br>108-2431                                     |  |
| 0 PLC ±0.10                                                                                    |  | PRODUCT SPEC                 | CAGE CODE<br>114-13319                               |  |
| 1 PLC ±0.10                                                                                    |  | APPLICATION SPEC             | WEIGHT                                               |  |
| 2 PLC ±0.10                                                                                    |  | FINISH                       | CUSTOMER DRAWING                                     |  |
| 3 PLC ±0.10                                                                                    |  | SCALE                        | 2:1                                                  |  |
| 4 PLC ±                                                                                        |  | SHEET                        | 4 OF 5                                               |  |
| ANGLES                                                                                         |  | REV                          | A                                                    |  |
| MATERIAL                                                                                       |  | RESTRICTED TO                |                                                      |  |
| SEE NOTES                                                                                      |  |                              |                                                      |  |

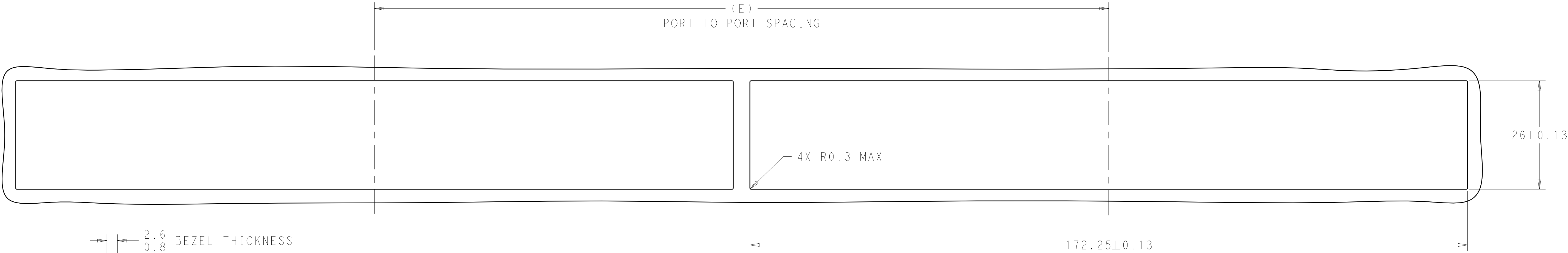
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| GP  | 00   | -         | -   | SEE SHEET 1 | -    | -   | -    |
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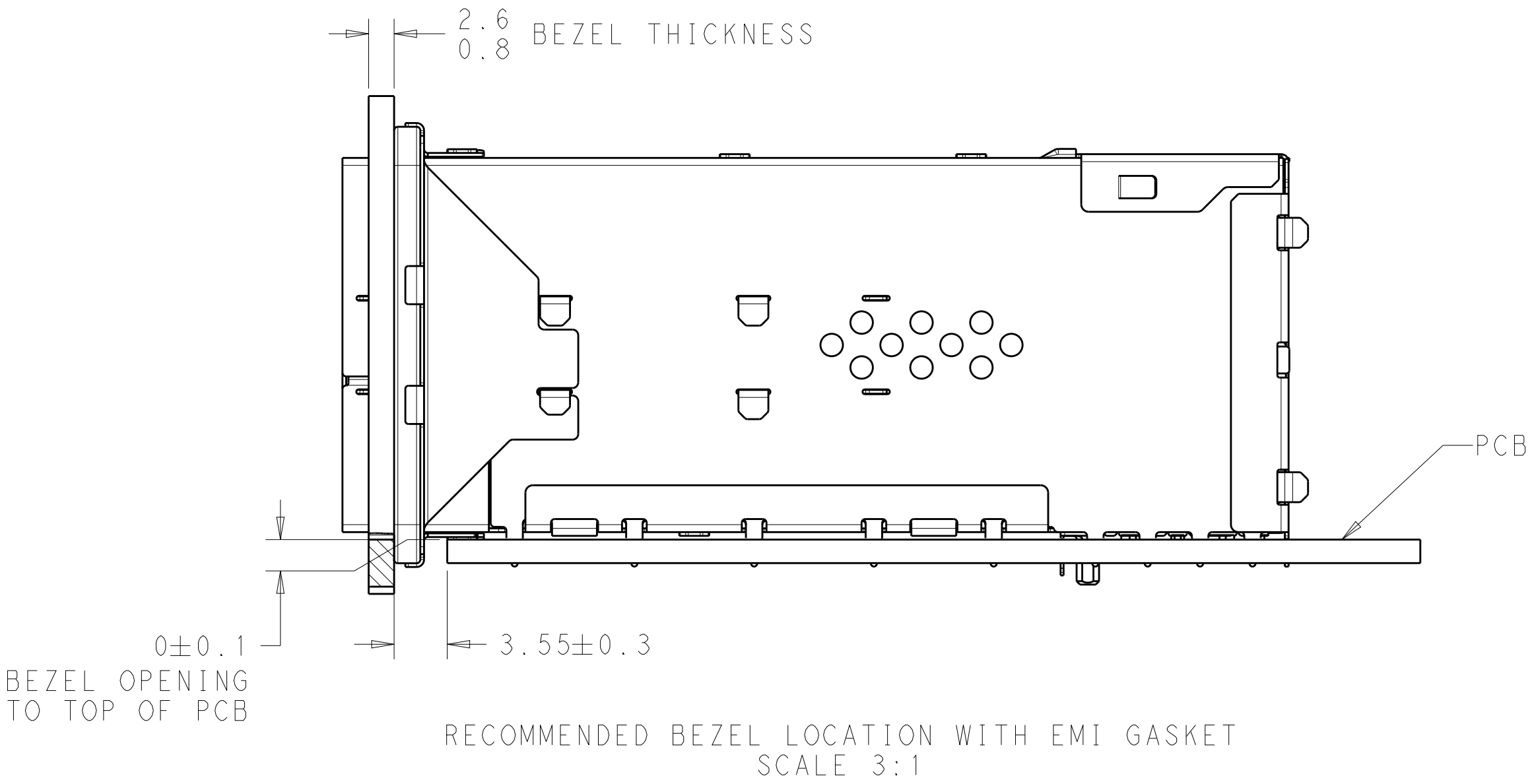
DETAIL C  
RECOMMENDED PIN AND LIGHT PIPE LAYOUT  
SCALE 10:1



DETAIL D  
PIN MAP  
12 PLACES  
SCALE 20:1



RECOMMENDED BEZEL CUT OUT DETAIL



RECOMMENDED BEZEL LOCATION WITH EMI GASKET  
SCALE 3:1

|                                                                                                |                                           |                                                 |                               |                                                      |                    |
|------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------|-------------------------------|------------------------------------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.<br>DIMENSIONING AND TOLERANCING<br>PER ASME Y14.5M-2009 |                                           | DWN<br>M. SHIRK<br>CHK<br>P. RECCE<br>APVD<br>- | 26JAN2015<br>26JAN2015<br>-   | NAME<br>RECEPTACLE ASSEMBLY, 2X12,<br>STACKED, zSFP+ |                    |
| DIMENSIONS:<br>mm                                                                              | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: | PRODUCT SPEC<br>108-2431                        | APPLICATION SPEC<br>114-13319 | SIZE<br>A1                                           | CAGE CODE<br>00779 |
| MATERIAL<br>SEE NOTES                                                                          | FINISH<br>SEE NOTES                       | WEIGHT<br>-                                     | DRAWING NO.<br>C=2288172      | RESTRICTED TO<br>-                                   | REV<br>A           |
| CUSTOMER DRAWING                                                                               |                                           | SCALE<br>2:1                                    | SHEET<br>5                    | OF<br>5                                              | REV<br>A           |