

⚠ MATERIALS:
CAGE ASSEMBLY- NICKEL SILVER ALLOY PER ASTM B 122.
BRACKET- STAINLESS STEEL.
EMI GASKET- PLATED FILLED SILICONE.
HOUSING- BLACK LCP, UL 94V-0 RATED.
CHICKLET- BLACK LCP, UL 94V-0 RATED.
LIGHT PIPE- POLYCARBONATE, CLEAR.
CONTACT- COPPER ALLOY.

3. MINIMUM PCB THICKNESS OF 1.5.

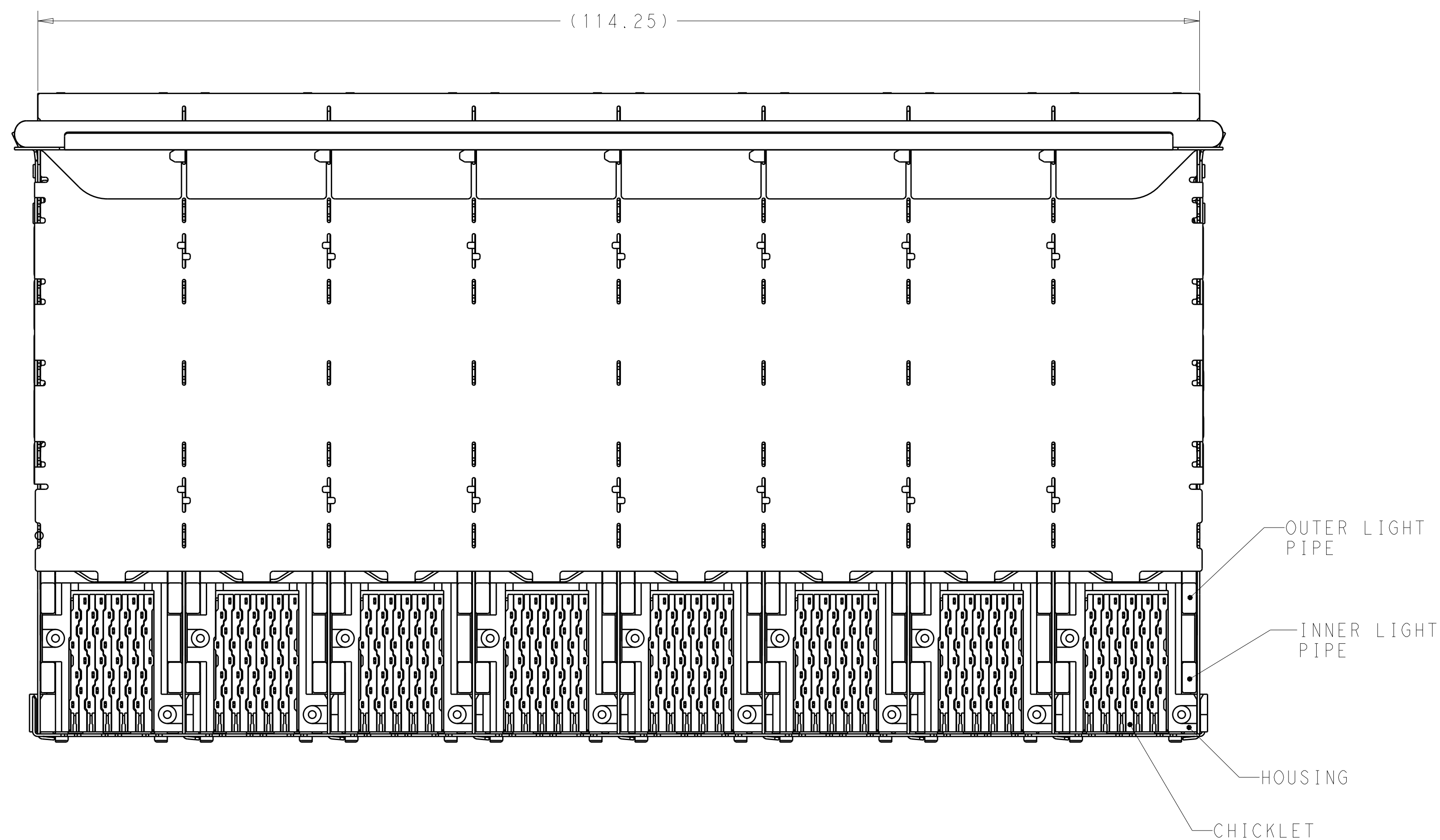
5. CONTACT FINISH- CONFORMS TO THE REQUIREMENTS OF TE PRODUCT SPECIFICATION 108-2331, BASED ON EIA/ECA-364-1000.01A, (CONTROLLED ENVIRONMENT APPLICATIONS) ON MATING INTERFACE, TIN ON NEEDLE EYE.





△ 6 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.

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

9 ADDITIONAL COMPONENT LOCATED WITHIN LATCHPLATE FOR EMI SUPPRESSION

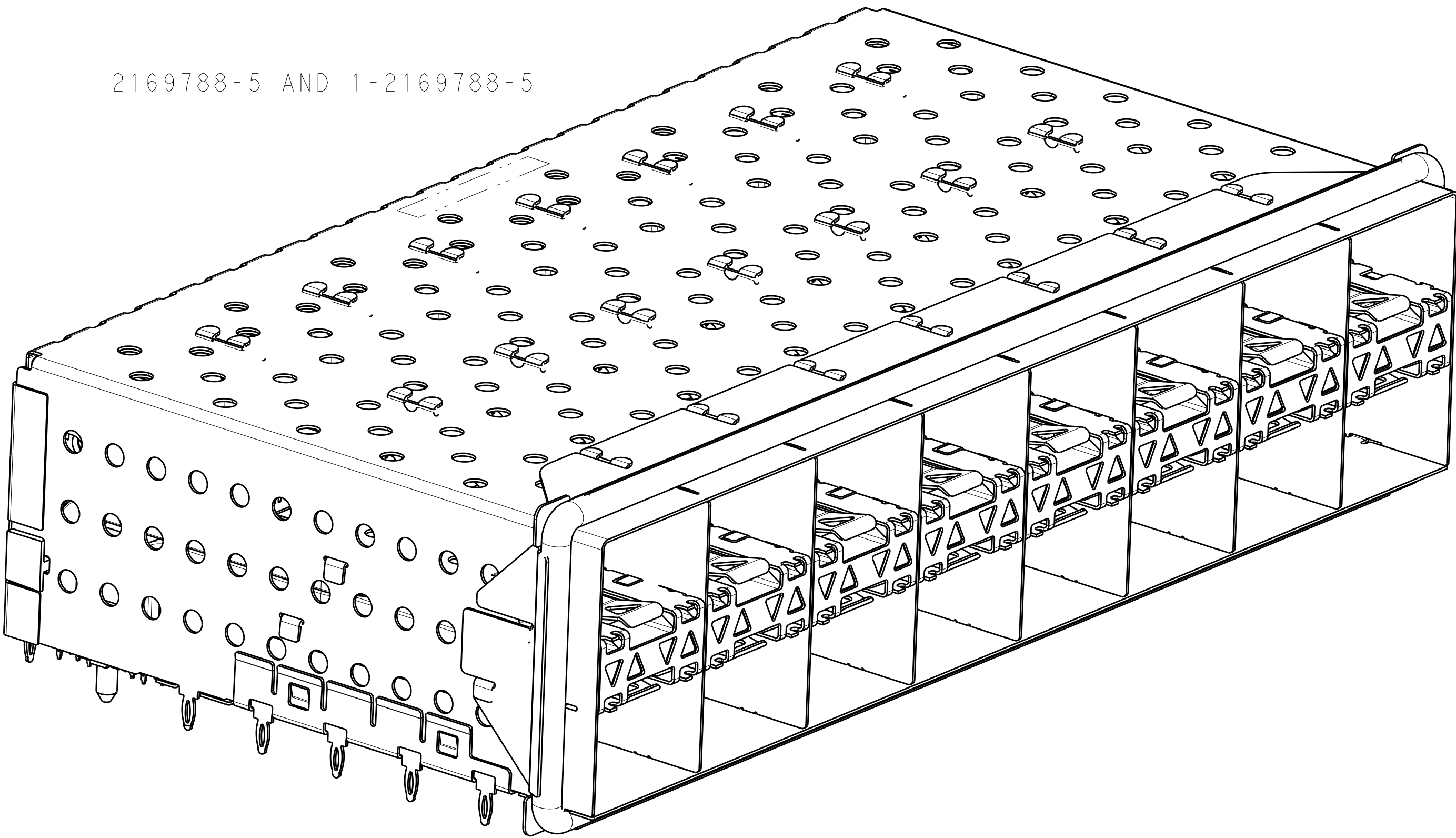


| | | | | |
|------------|---|---|---------------------|-------------|
| | YES  |  | NO LIGHT PIPES | 1-2169788-8 |
| | | | OUTER 2 LIGHT PIPES | 1-2169788-7 |
| | | | INNER 2 LIGHT PIPES | 1-2169788-6 |
| | | | 4 LIGHT PIPES | 1-2169788-5 |
| | NO |  | NO LIGHT PIPES | 2169788-8 |
| | | | OUTER 2 LIGHT PIPES | 2169788-7 |
| | | | INNER 2 LIGHT PIPES | 2169788-6 |
| | | | 4 LIGHT PIPES | 2169788-5 |
| SUPERSEDED | NO |  | NO LIGHT PIPES | 2169788-4 |
| | | | OUTER 2 LIGHT PIPES | 2169788-3 |
| | | | INNER 2 LIGHT PIPES | 2169788-2 |
| | | | 4 LIGHT PIPES | 2169788-1 |
| | ENHANCED EMI | FINISH | DESCRIPTION | PART NUMBER |

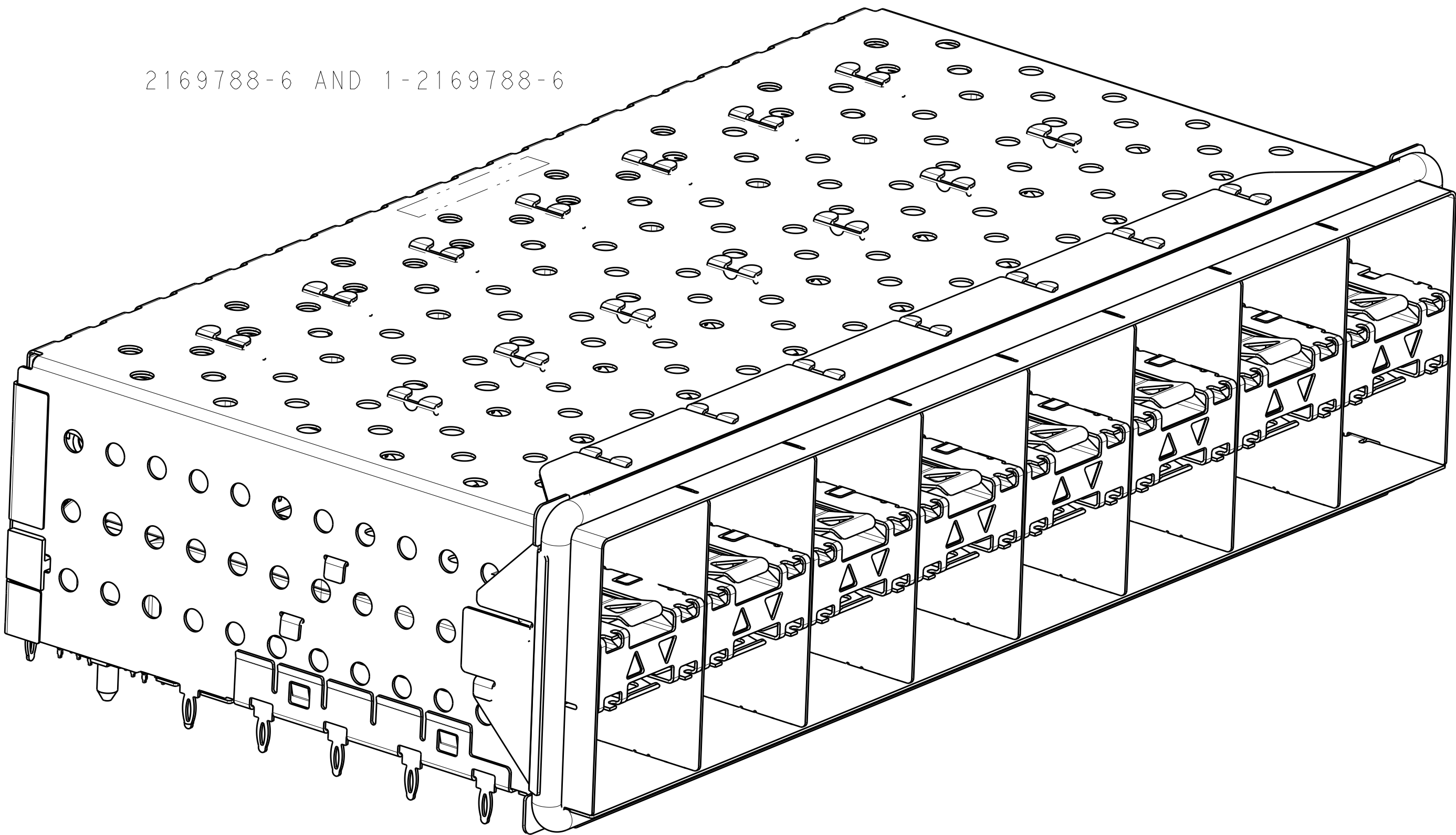
| | | | | | |
|---|--|---|--|---|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN 18JAN2011 VALENTIN CHK 18JAN2011 P. RECCE APD 18JAN2011 | |  TE Connectivity | |
| DIMENSIONS: mm | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | NAME CAGE AND PT CONNECTOR ASSEMBLY, WITH EMI GASKET, PRESS FIT, 2X8, STACKED SPF+ | |
|  | | PRODUCT SPEC 108-2331 APPLICATION SPEC 114-13219 | | | |
| MATERIAL  | | FINISH SEE TABLE | | | |
| | | CUSTOMER DRAWING | | SIZE CAGE CODE DRAWING NO A100779C2169788 | |
| | | | | RESTRICTED TO - | |
| | | | | SCALE 3:1 SHEET 1 OF 4 REV D | |

| LOC | | DIST | | REVISIONS | | | |
|-----|--|------|--|-----------|-----|-------------|------|
| GP | | 00 | | P | LTR | DESCRIPTION | DATE |
| | | | | - | - | SEE SHEET 1 | - |
| | | | | | | | |
| | | | | | | | |
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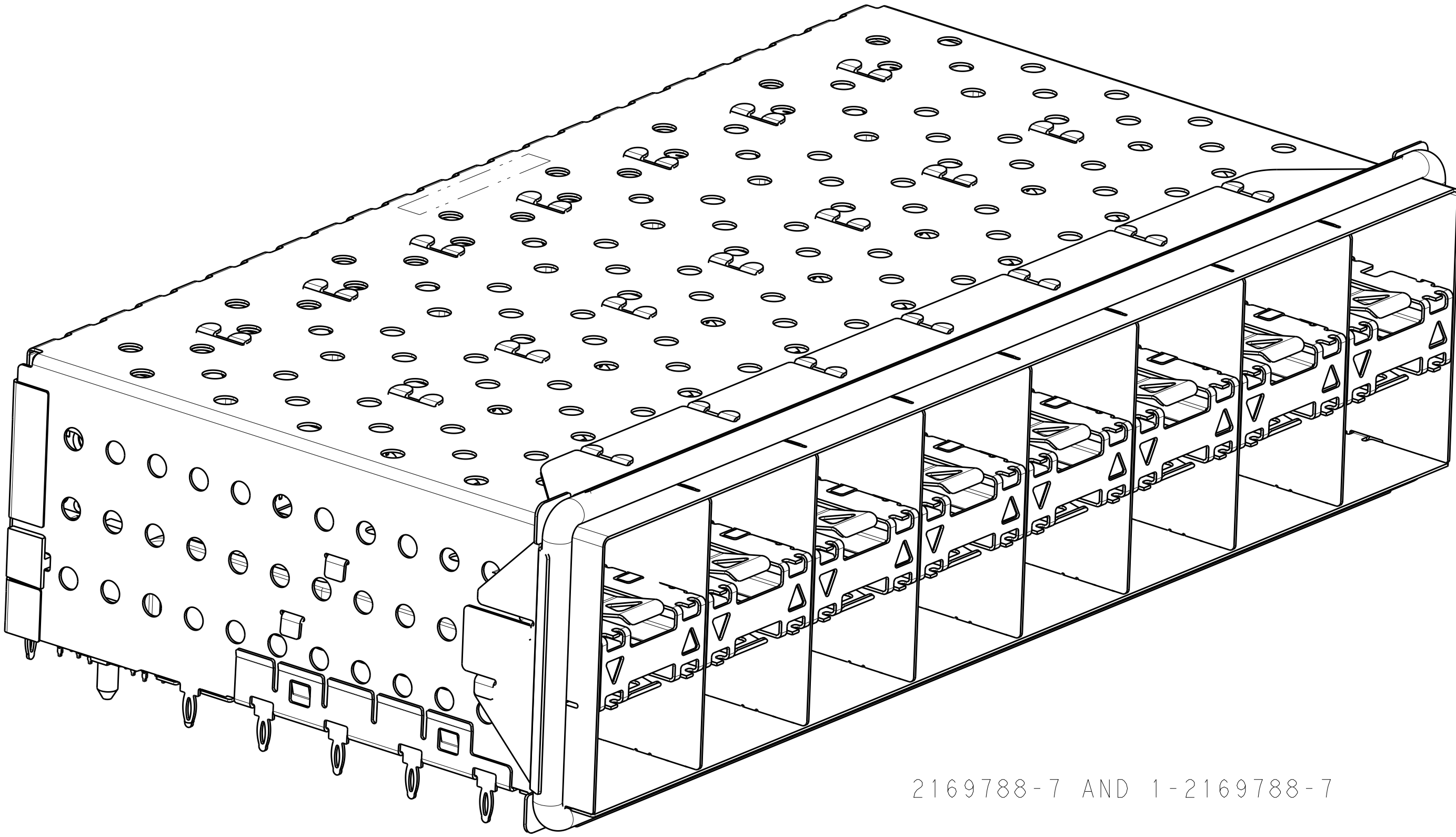
2169788-5 AND 1-2169788-5



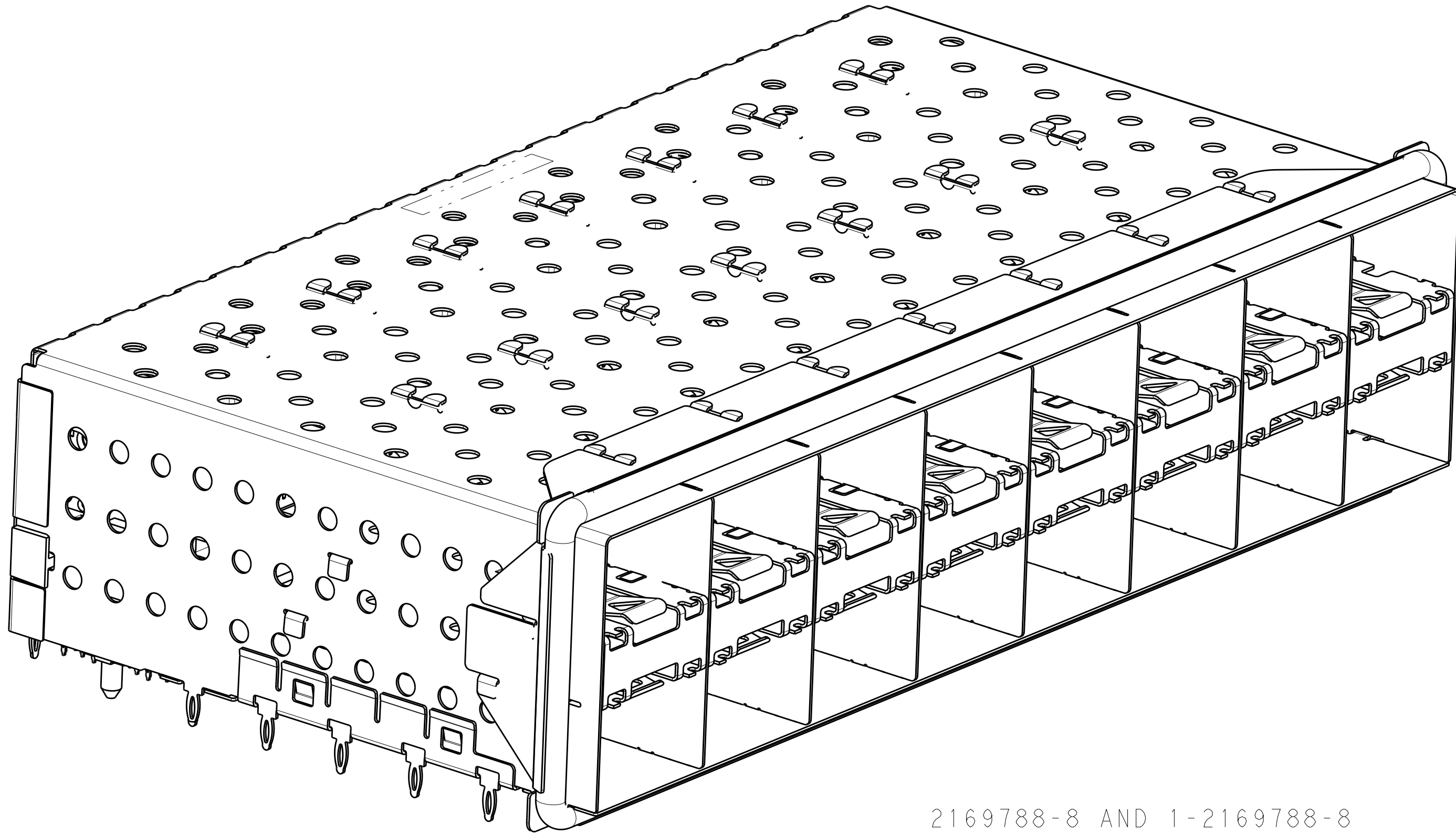
2169788-6 AND 1-2169788-6


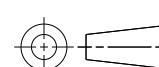


2169788-7 AND 1-2169788-7

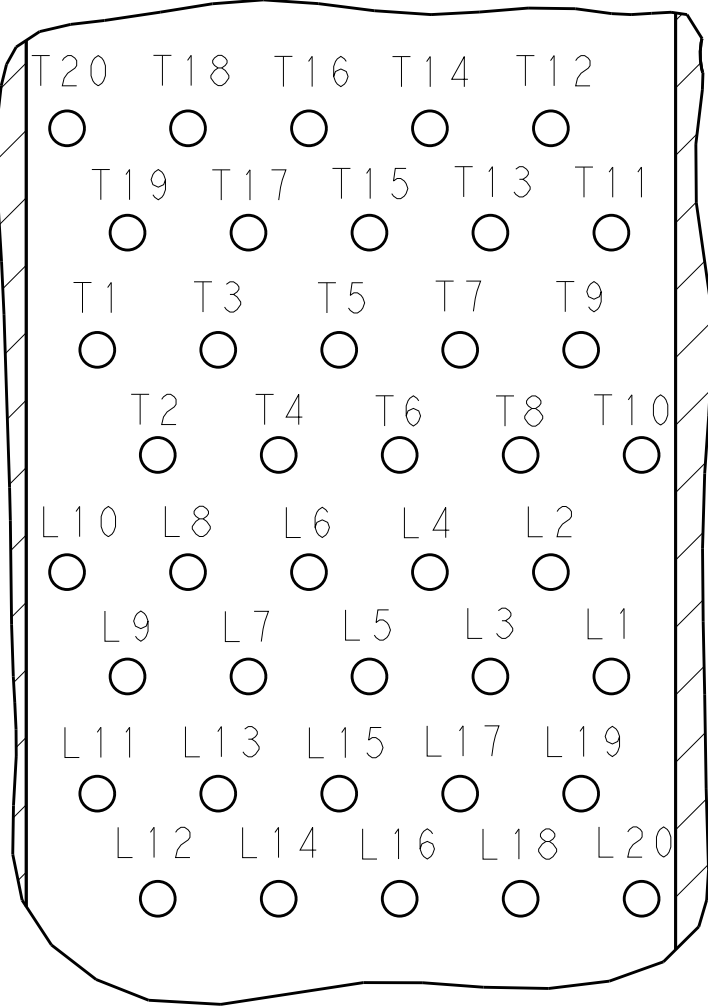
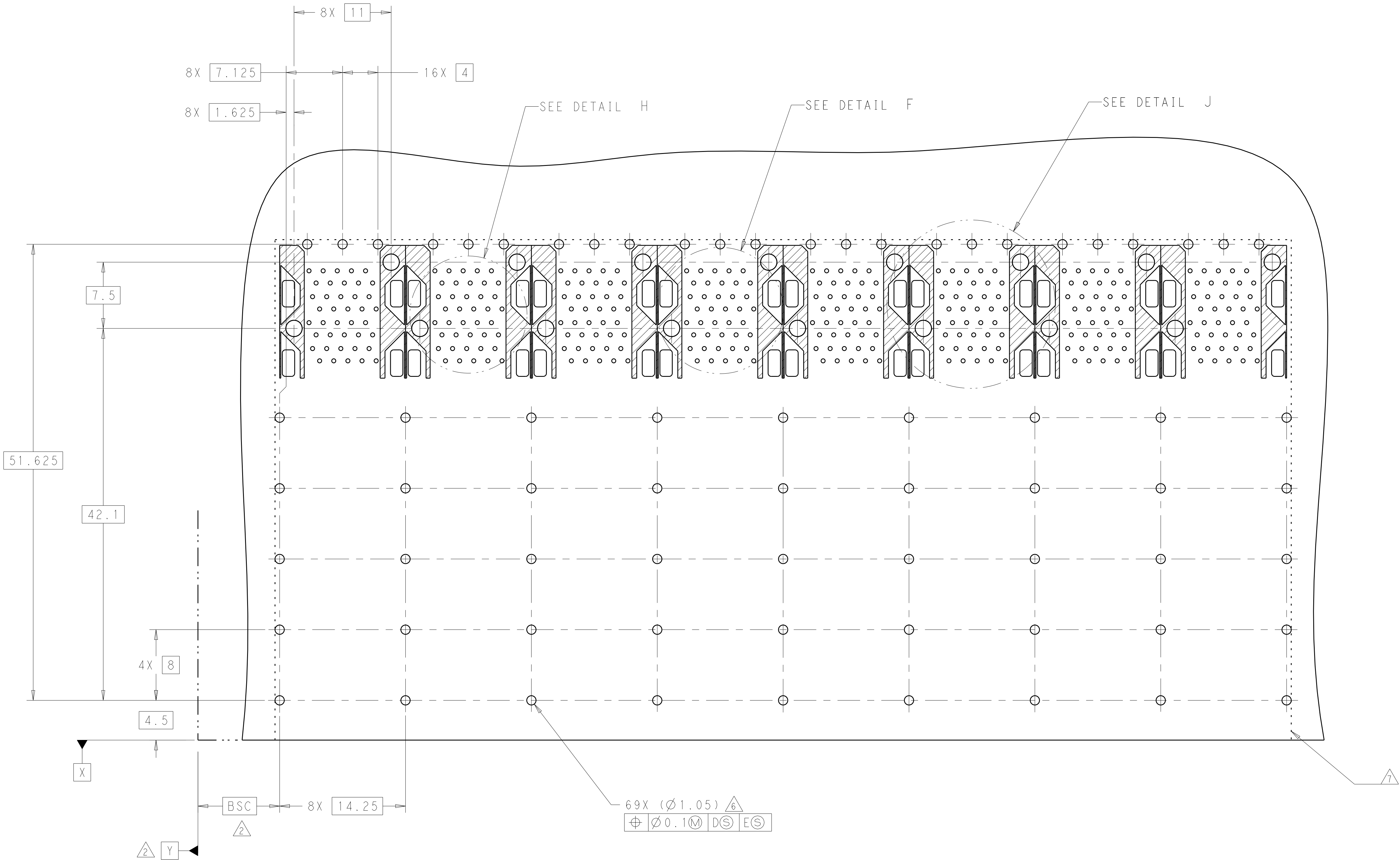


2169788-8 AND 1-2169788-8



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|---|--|---|--|--------------------------------|---|-------|-----------|---|------|---|-----------|------------|---------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT | | | | DWN C. VALENTI 18JAN2011 |  TE Connectivity | | | | | | | | | |
| | | | | CHK P. RECCE 18JAN2011 | | | | | | | | | | |
| DIMENSIONS: | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD P. RECCE 18JAN2011 | NAME CAGE AND PT CONNECTOR ASSEMBLY, WITH EMI GASKET, PRESS FIT, 2X8, STACKED SFP+ | | | | | | | | | |
| mm | | 0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.1 4 PLC ±0.1 ANGLES ±0.1 | | PRODUCT SPEC | | | | | | | | | | |
|  | | | | 108-2331 | | | | | | | | | | |
| MATERIAL | | FINISH | | APPLICATION SPEC | | | | | | | | | | |
| | | | | 114-13219 | | | | | | | | | | |
| | | SEE TABLE | | WEIGHT | | | | | | | | | | |
| | | | | CUSTOMER DRAWING | | | | | SIZE | | CAGE CODE | DRAWING NO | RESTRICTED TO | |
| | | | | A1 | | 00779 | C=2169788 | | | | | | | |
| | | | | SCALE | | 3:1 | SHEET | 2 | OF | 4 | REV | D | | |
| | | | | | | | | | | | | | | |

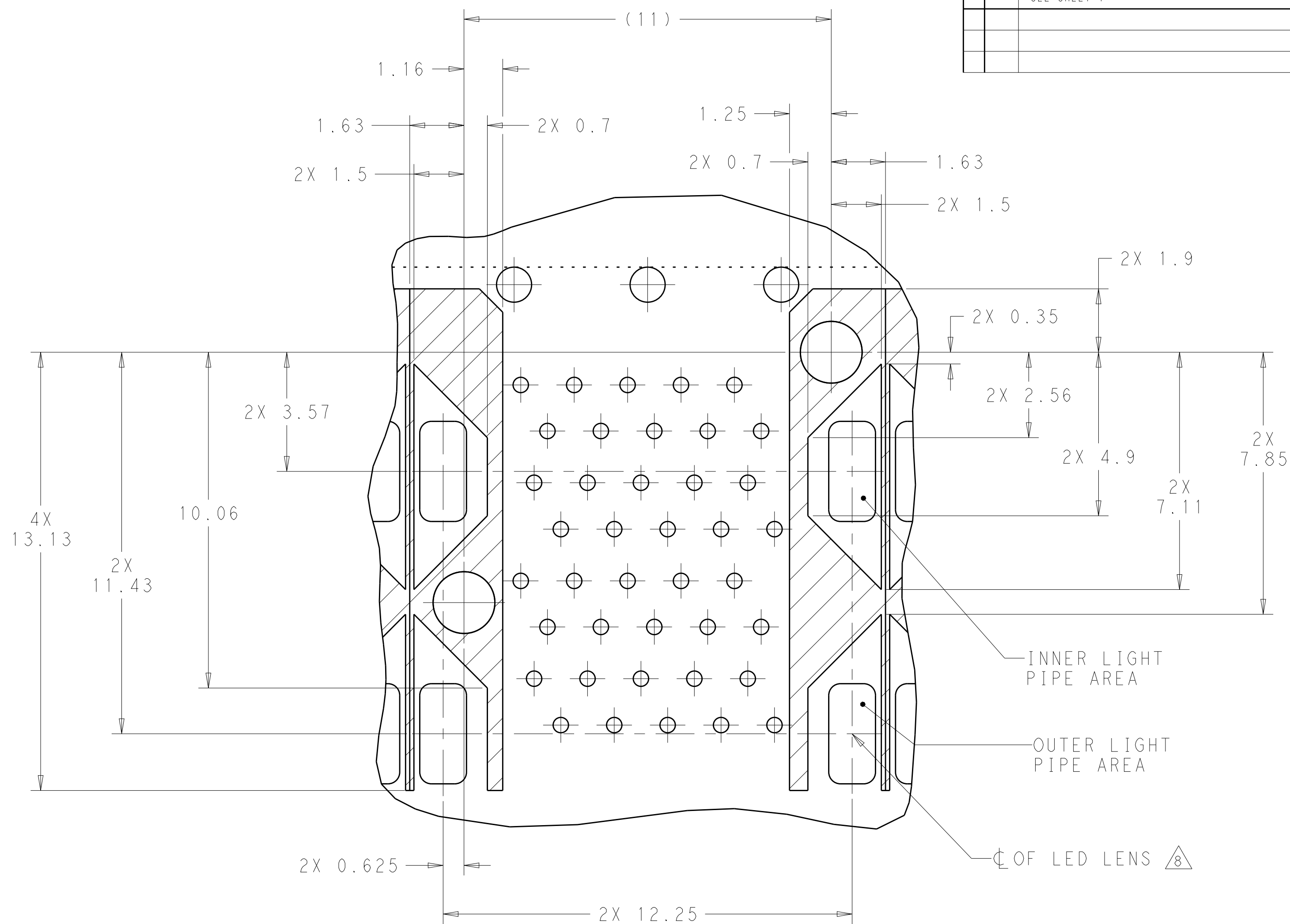
| LOC | DIST | REVISIONS | | | | | |
|-----|------|-----------|-----|-------------|------|-----|------|
| GP | 00 | P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | | | - | SEE SHEET 1 | - | - | - |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |



DETAIL H
CONNECTOR PIN-OUT
COMPONENT SIDE OF BOARD
8X INDIVIDUALLY
SCALE 10:1

RECOMMENDED PCB LAYOUT
COMPONENT SIDE OF BOARD
SCALE 4:1

| | | | | |
|--|---|----------------------------------|---|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN C. VALENTINE 18JAN2011 | TE Connectivity | |
| DIMENSIONS: | | CHK P. RECCE 18JAN2011 | | |
| mm | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD P. RECCE 18JAN2011 | NAME CAGE AND PT CONNECTOR ASSEMBLY, WITH EMI GASKET, PRESS FIT, 2X8, STACKED SFP+ | |
| | 0 PLC ±0.1 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±0.1 4 PLC ±0.1 ANGLES ±0.1 | PRODUCT SPEC 108-2331 | SIZE A100779 | |
| MATERIAL | FINISH SEE TABLE | APPLICATION SPEC 114-13219 | DRAWING NO C=2169788 | |
| | | WEIGHT | RESTRICTED TO | |
| | | CUSTOMER DRAWING | SCALE 3:1 SHEET 3 OF 4 REV D | |



DETAIL J
CONNECTOR HOUSING
KEEPOUT ZONE
8X INDIVIDUALLY
SCALE 10:1

