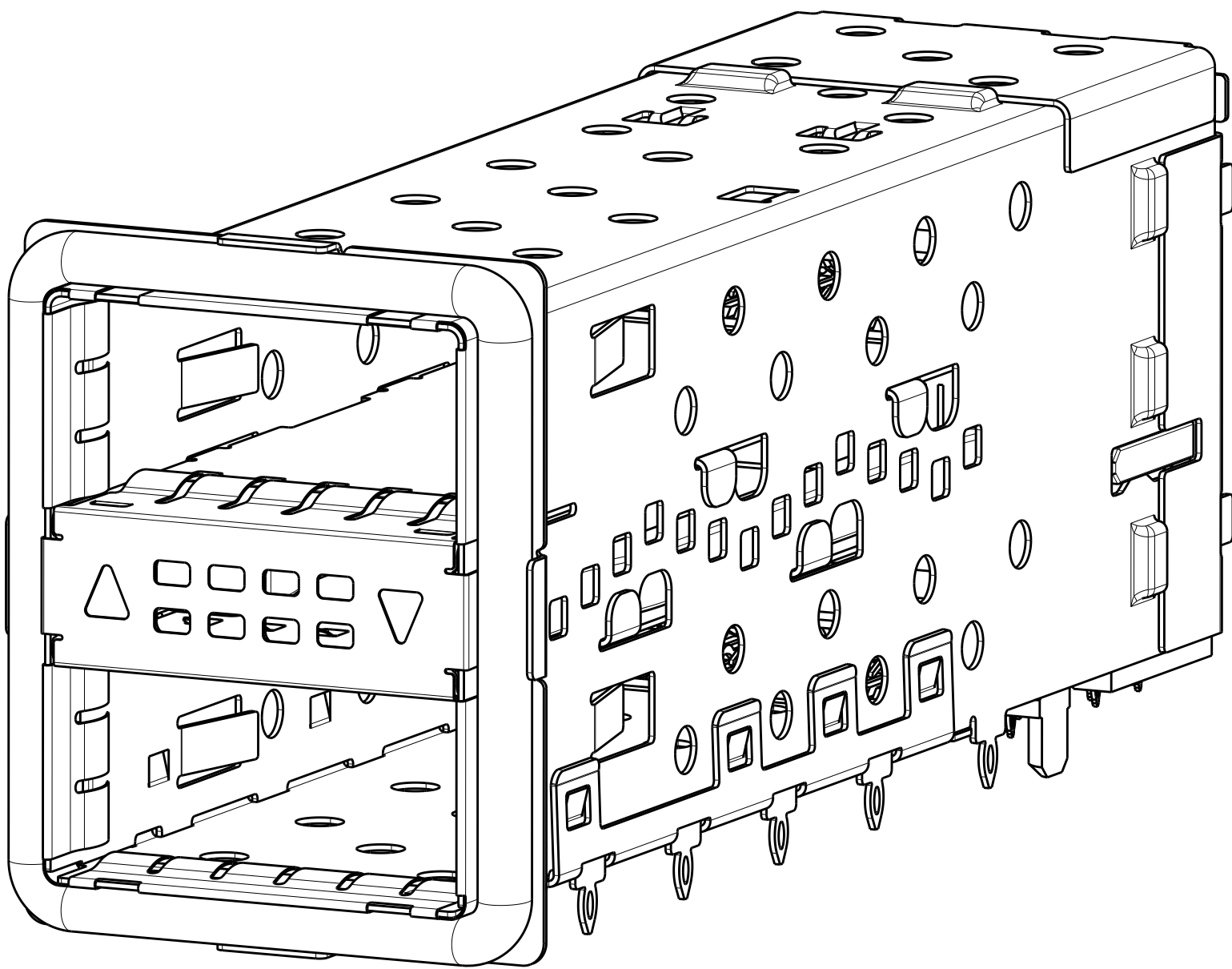
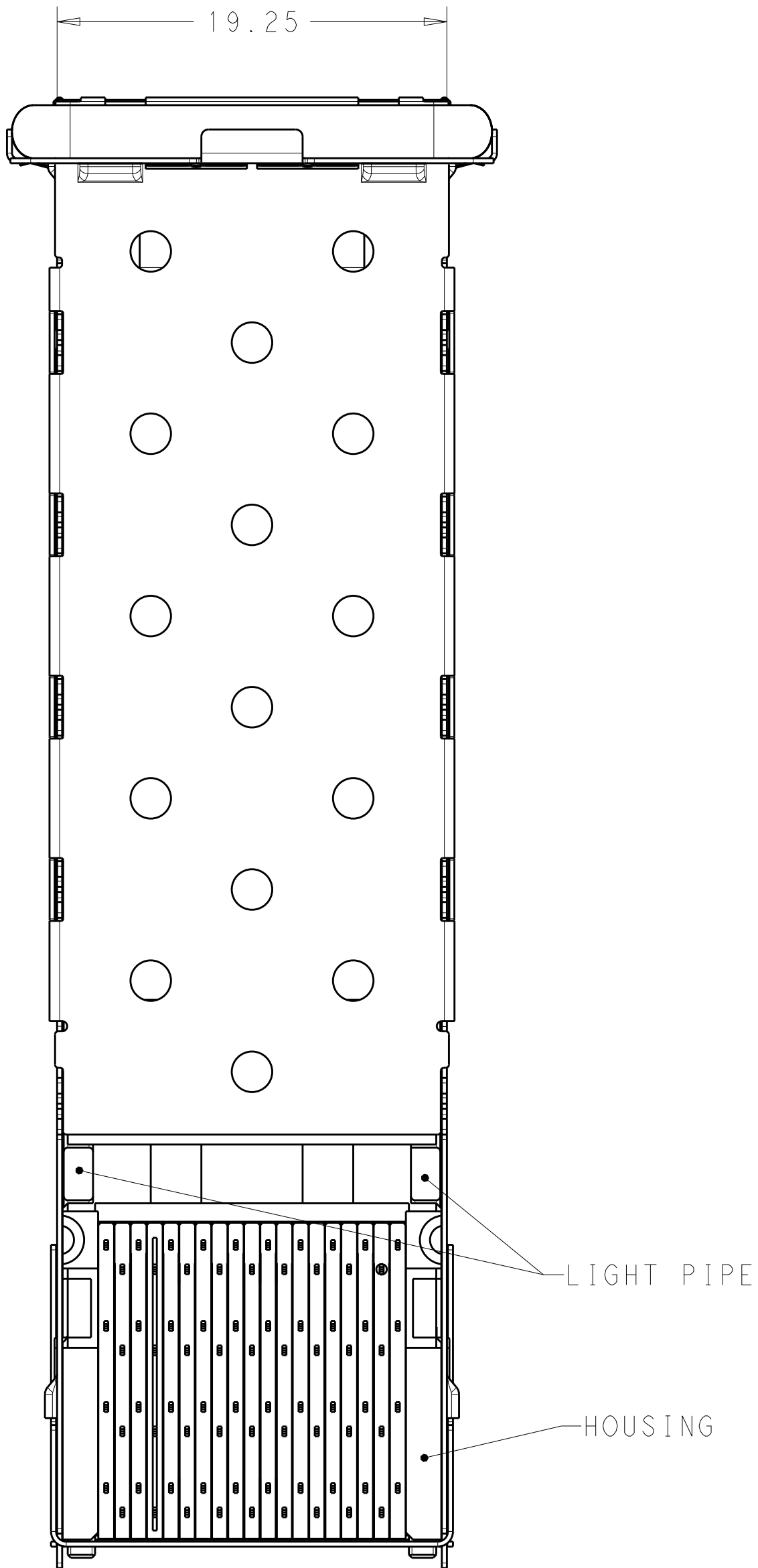
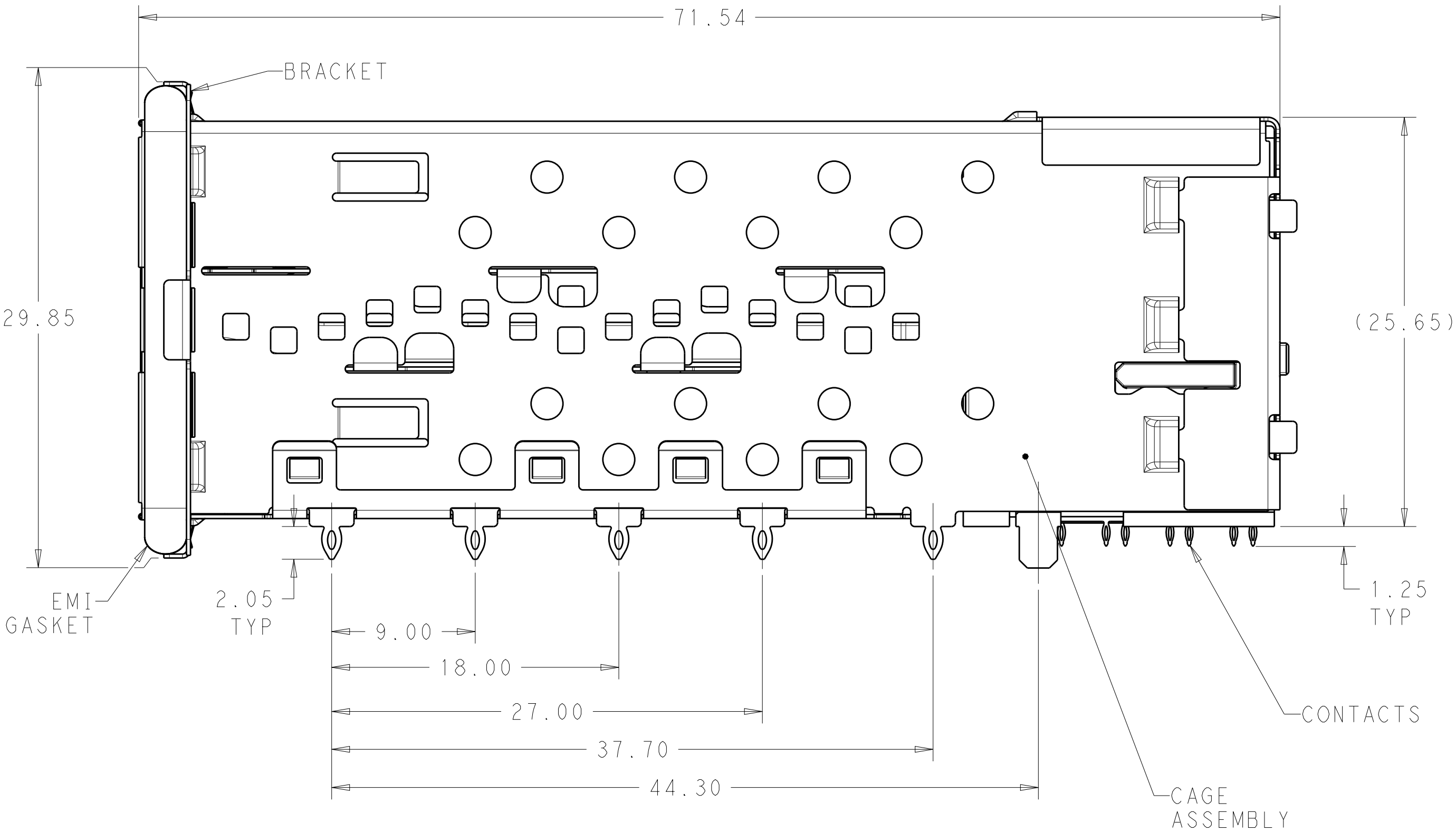
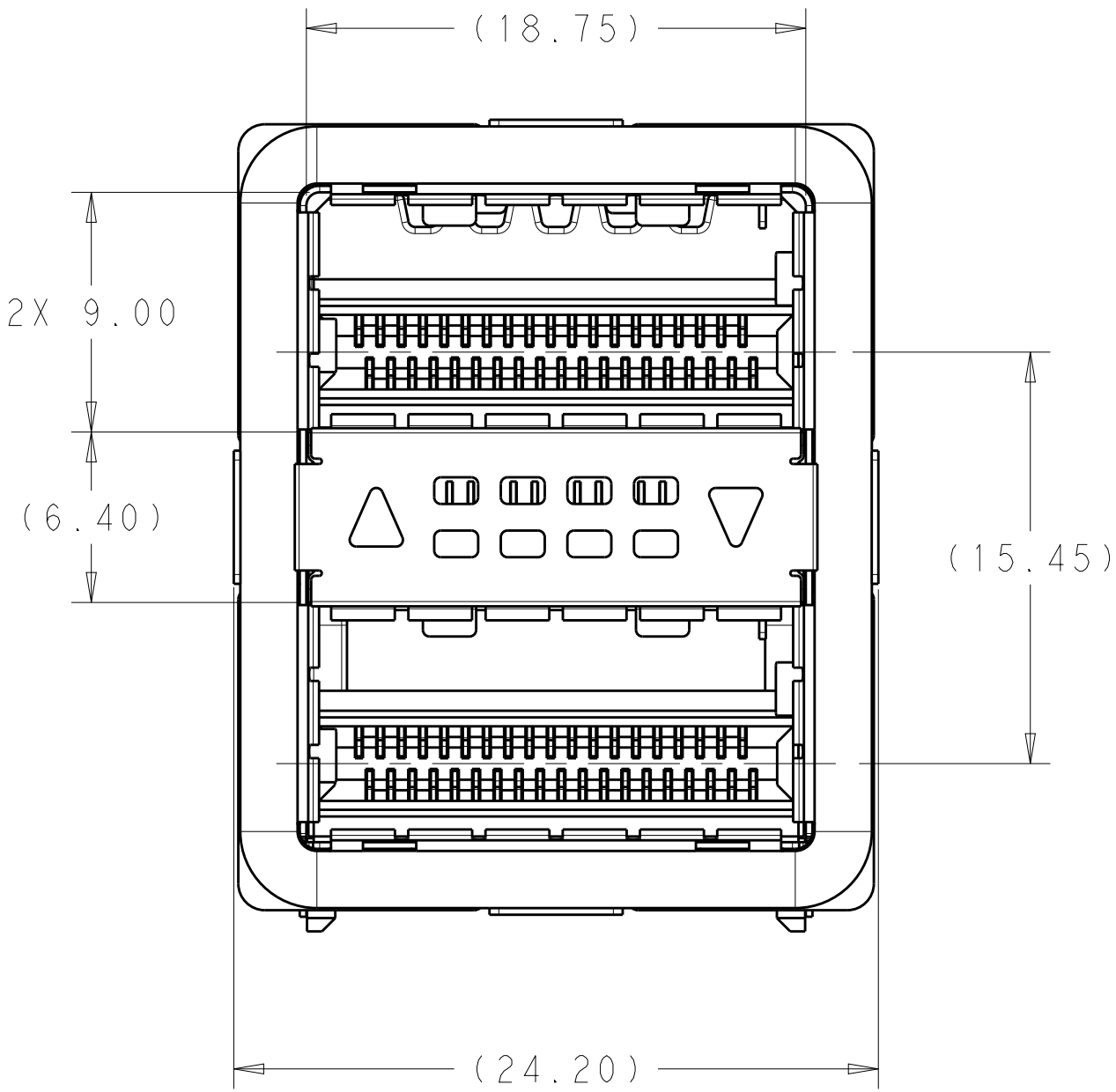


| LOC | DIST | REVISIONS | | | | | |
|-----|------|-----------|-----|--|-----------|-----|------|
| | | P | LTR | DESCRIPTION | DATE | DWN | APVD |
| GP | 00 | | 7 | add LED definition and update EMI spring | 13NOV2013 | RG | MC |
| | | | 8 | UPDATE DEFAULT TOLERANCE | 3APR2014 | RG | MC |
| | | | 9 | ADD APPLICATION SPEC | 6NOV2014 | RG | MC |
| | | | 10 | ADD 2085945-8 | 18MAY2015 | RG | SH |



2085945-1 SHOWN
SCALE 4:1

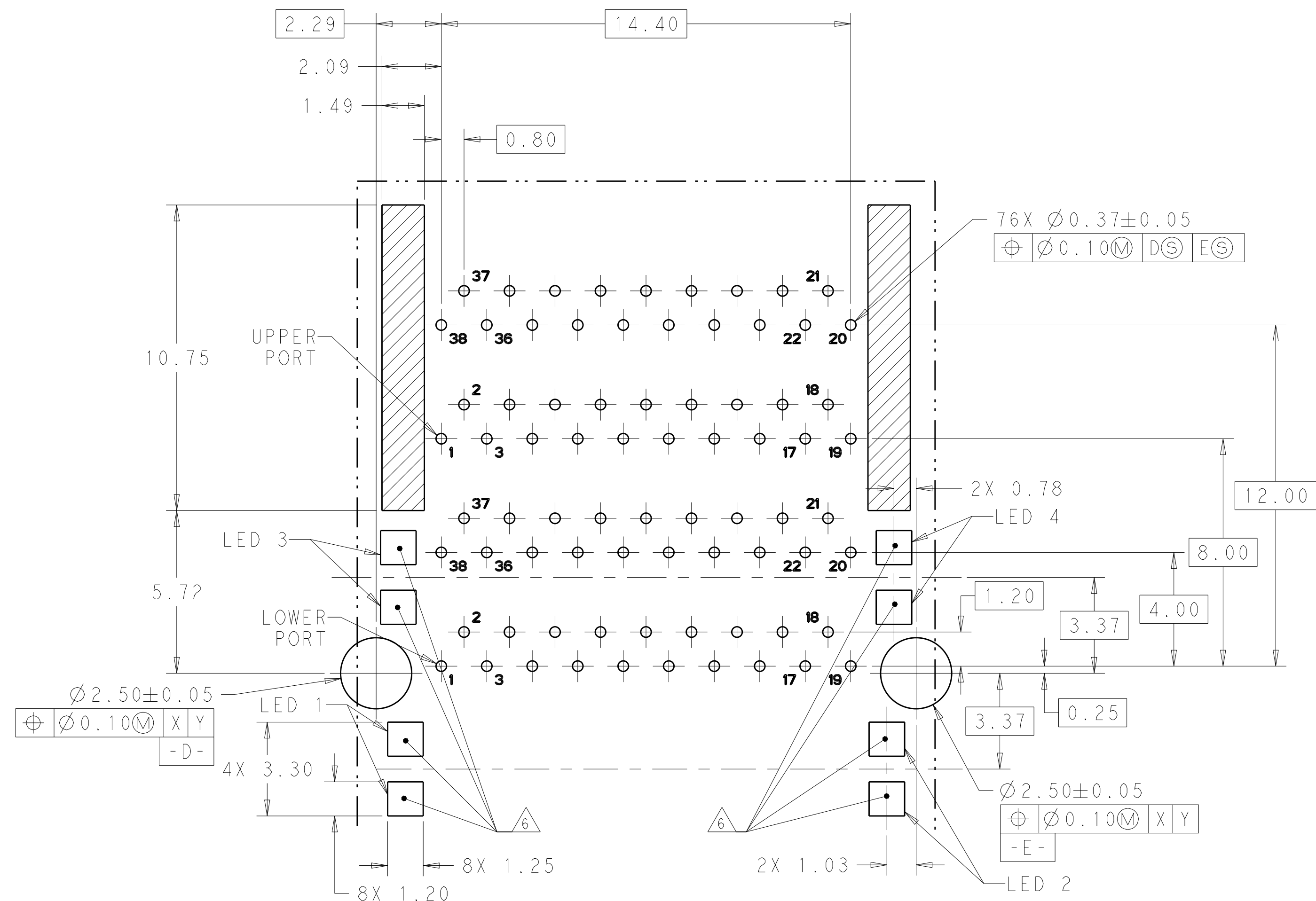
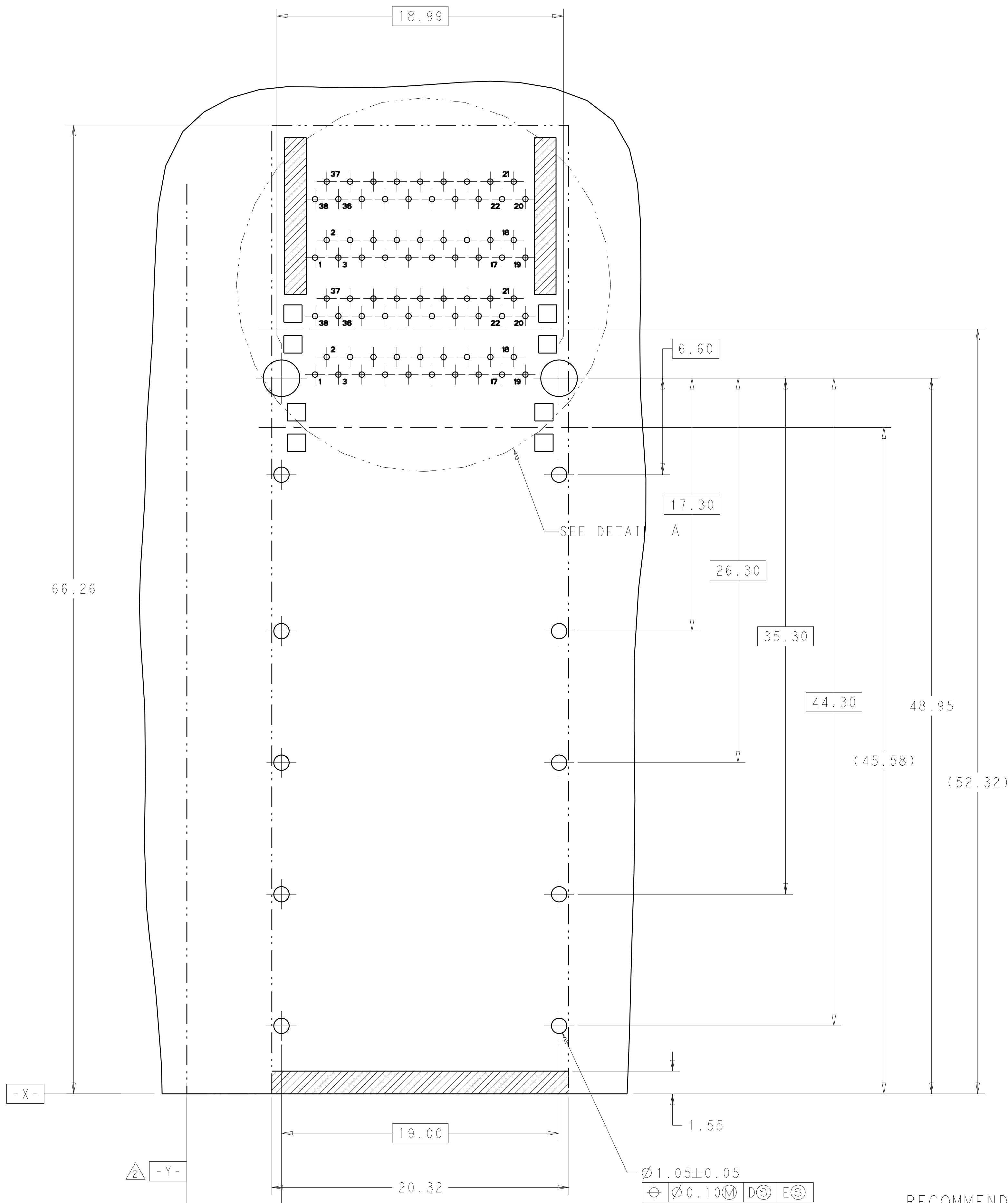
- 1 MATERIALS:
CAGE ASSEMBLY- NICKEL SILVER ALLOY PER ASTM B 122.
BRACKET- STAINLESS STEEL.
EMI GASKET- NICKEL-GRAPHITE FILLED SILICONE.
HOUSING- BLACK LCP, UL 94V-0 RATED.
CHICKLET- BLACK LCP, UL 94V-0 RATED.
LIGHT PIPE- POLYCARBONATE, CLEAR, UL 94V-2 RATED.
CONTACT- COPPER ALLOY.
- 2 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
3. MINIMUM PCB THICKNESS OF 1.57mm.
- 4 CONTACT FINISH- CONFORMS TO THE REQUIREMENTS OF TE PRODUCT SPECIFICATION 108-127010, BASED ON EIA/ECA-364-1000.01A, (CONTROLLED ENVIRONMENT APPLICATIONS) ON MATING INTERFACE, TIN ON NEEDLE EYE.
- 5 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.
- 6 LIGHT PIPE PAD LAYOUT IS FOR 0805 LOW PROFILE LED PACKAGE WITH A HEIGHT OF 0.8mm.

| | |
|--|-------------|
| OUTER LIGHT PIPES WITH CUSTOMIZED GASKET | 2085945-8 |
| BOTH LIGHT PIPES | 2085945-7 |
| INNER LIGHT PIPES | 2085945-6 |
| OUTER LIGHT PIPES | 2085945-5 |
| NO LIGHT PIPES | 2085945-4 |
| BOTH LIGHT PIPES | 2085945-3 |
| INNER LIGHT PIPES | 2085945-2 |
| OUTER LIGHT PIPES | 2085945-1 |
| DESCRIPTION | PART NUMBER |

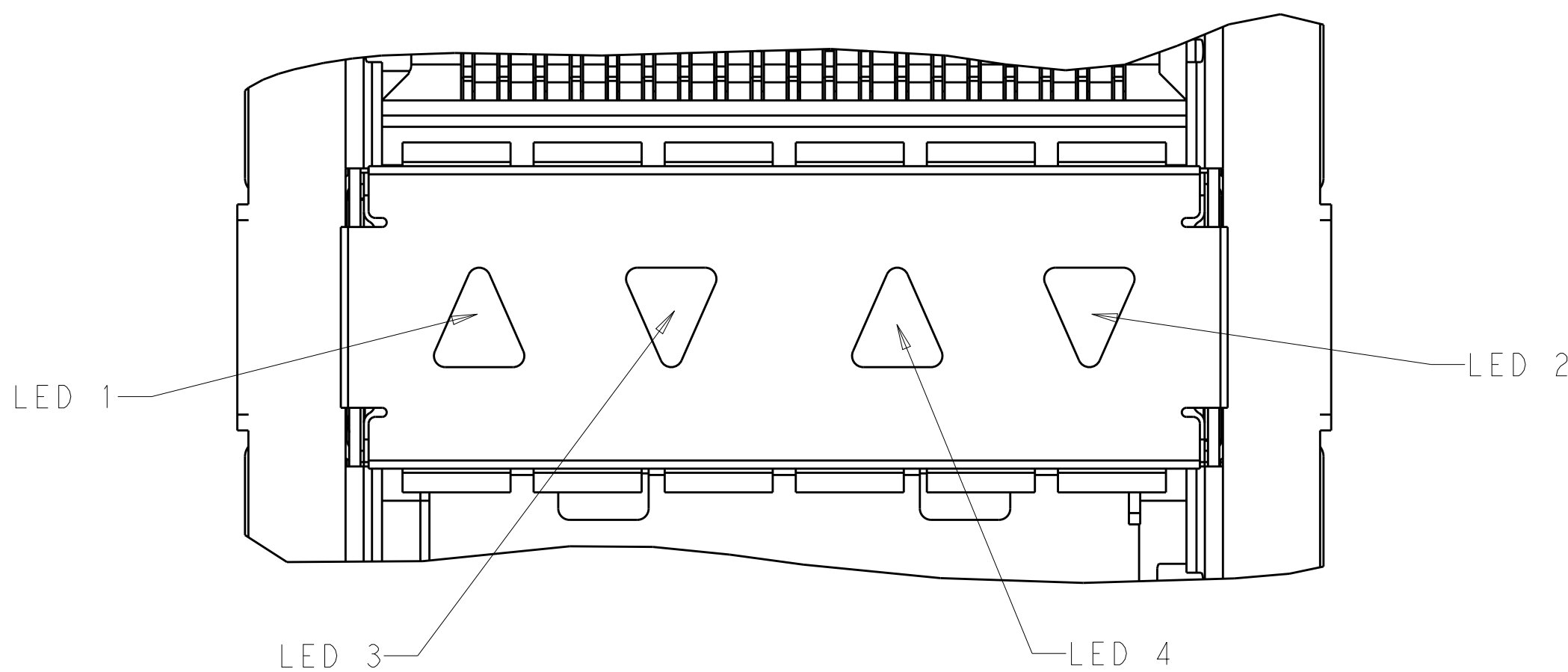
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CONTACT PRODUCT ENGINEERING
BEFORE USING THIS PRINT

| | | | | |
|--|--|----------------------------|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN D MCMMASTER 08AUG11 | | |
| DIMENSIONS: | | CHK E WICKES 08AUG11 | | |
| mm | | APVD E WICKES 08AUG11 | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | PRODUCT SPEC | | |
| 0 PLC ± | | 108-127010 | | |
| 1 PLC ±0.30 | | APPLICATION SPEC | | |
| 2 PLC ±0.25 | | 114-32020 | | |
| 3 PLC ± | | WEIGHT | | |
| 4 PLC ± | | CUSTOMER DRAWING | | |
| ANGLES ± | | SCALE 4:1 | | |
| FINISH | | SHEET 1 OF 4 | | |
| MATERIAL | | REV 10 | | |

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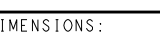


DETAIL A
SCALE 8:1

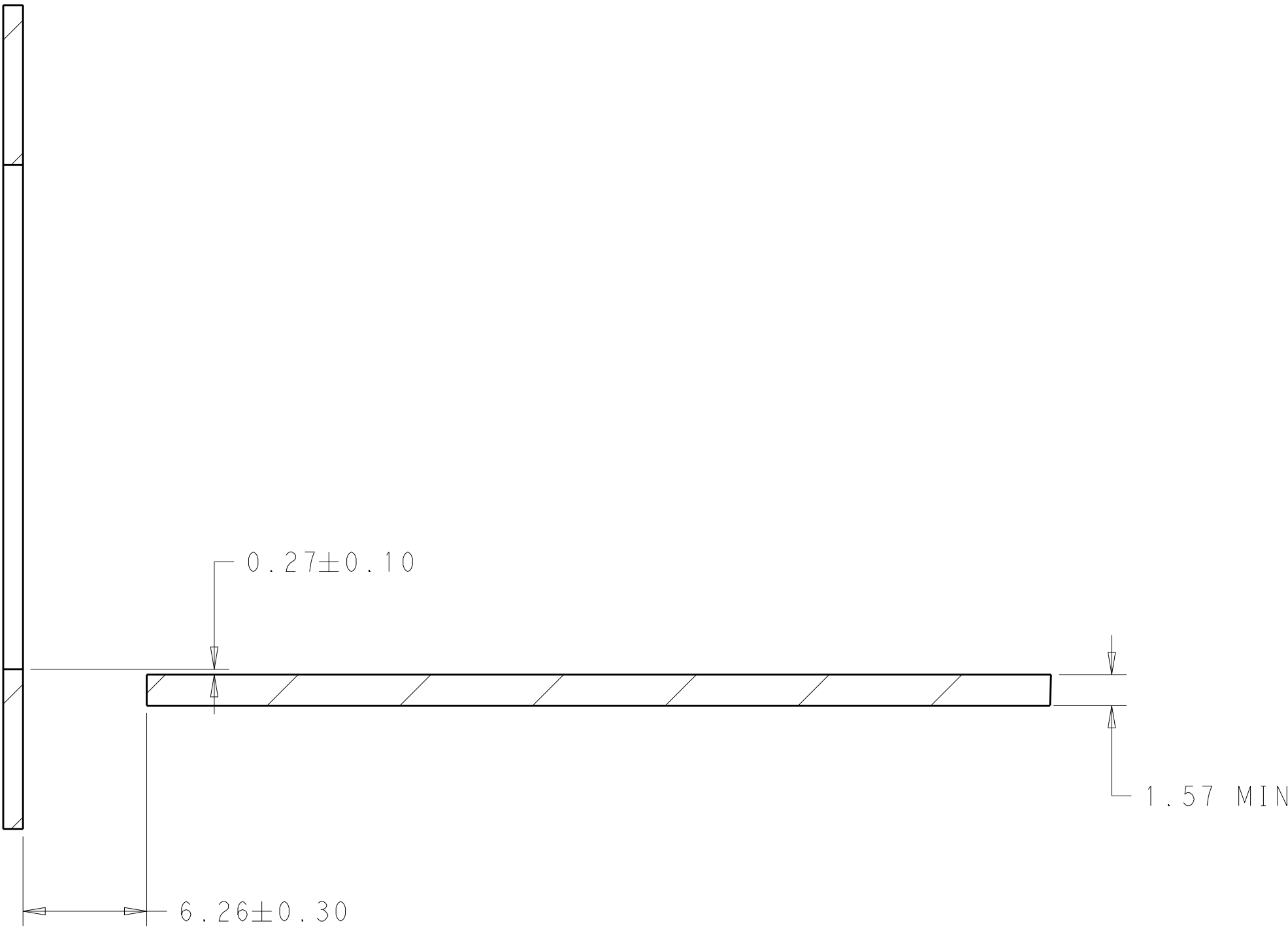
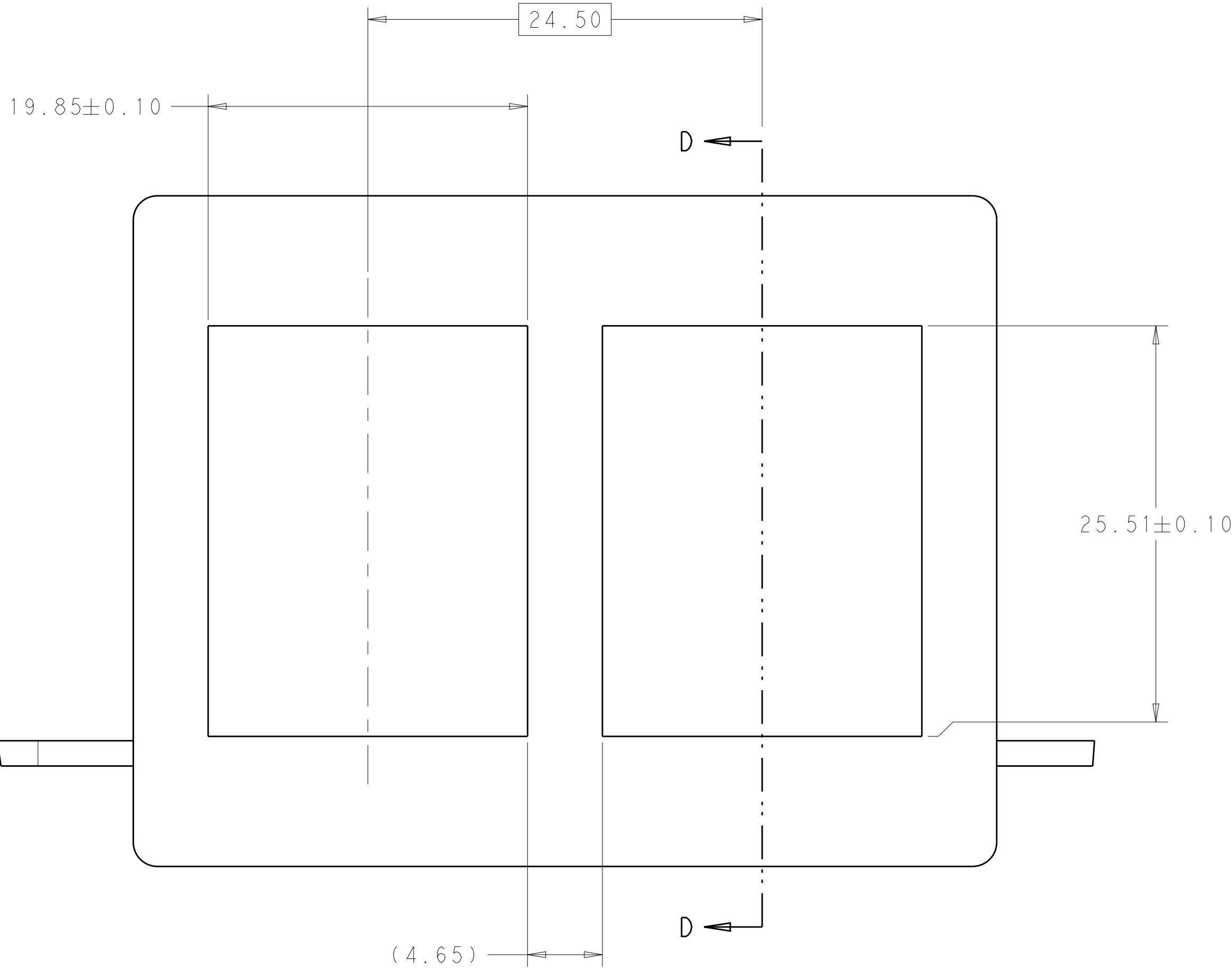


LED DEFINITION
SCALE 8:1

RECOMMENDED PCB LAYOUT 
COMPONENT SIDE OF BOARD
SCALE 4:1

| | | | | | |
|---|--|--|--|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWG NO. MCMASTER 08AUG11 CWP E. WICKES 08AUG11 APP'D F. WICKES 08AUG11 | |  TE Connectivity | |
| DIMENSIONS: mm | | TOLERANCES, UNLESS OTHERWISE SPECIFIED: 0 PLOC ±.010 2 PLOC ±.010 2 PLOC ±.025 4 PLOC ±.010 4 PLOC ±.010 ANGLES ±.1° FINISH | | NAME CAGE AND PT CONNECTOR ASSEMBLY, WITH EM1 GASKET, PRESS FIT, 2X1, STACKED OSFP+ PRODUCT SPEC 108-127010 APPLICATION SPEC 114-32020 WEIGHT - | |
|  | | | | SIZE CAGE CODE DRAWING NO A100779 C-2085945 | |
| MATERIAL | | | | RESTRICTED TO | |
| | | CUSTOMER DRAWING | | SCALE 4:1 SHEET 2 OF 4 REV 1 | |



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



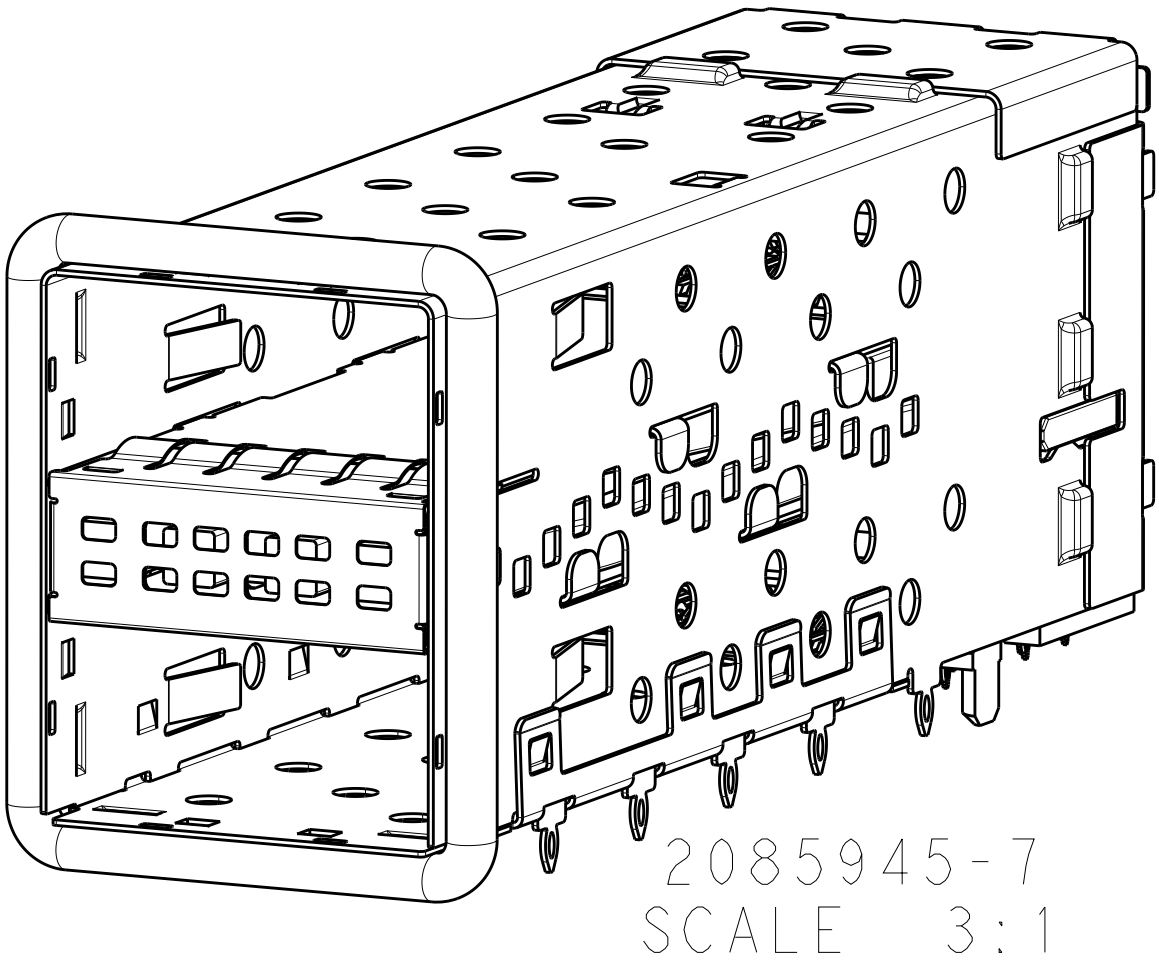
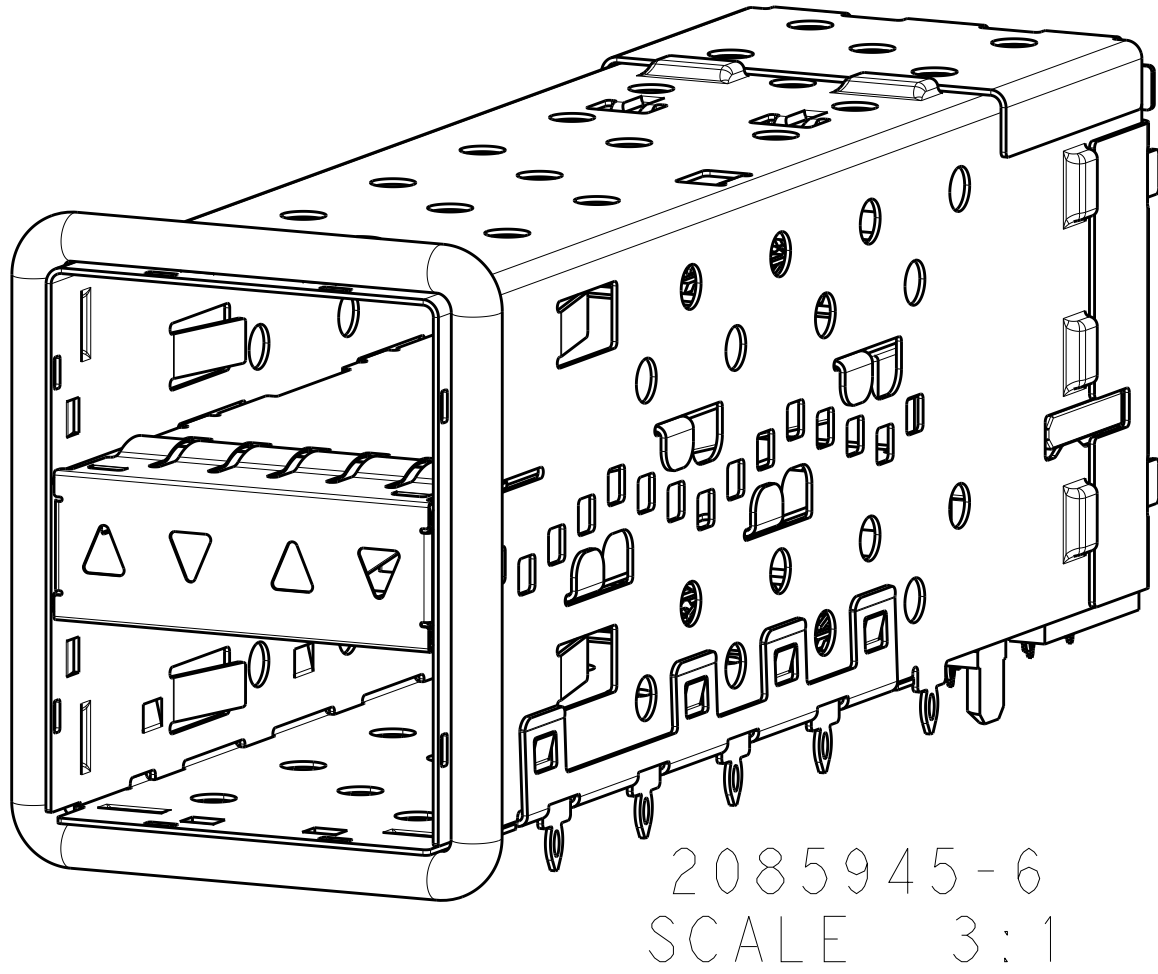
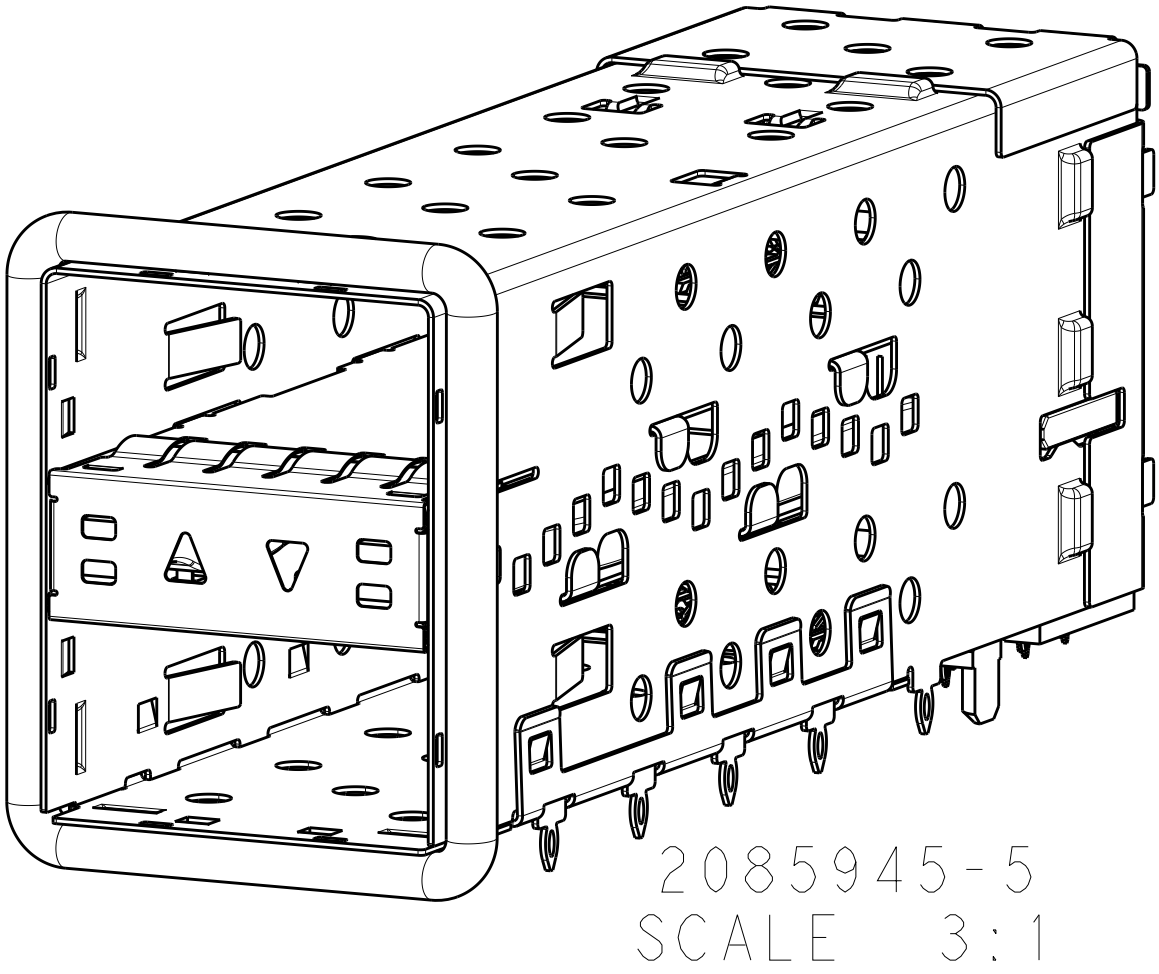
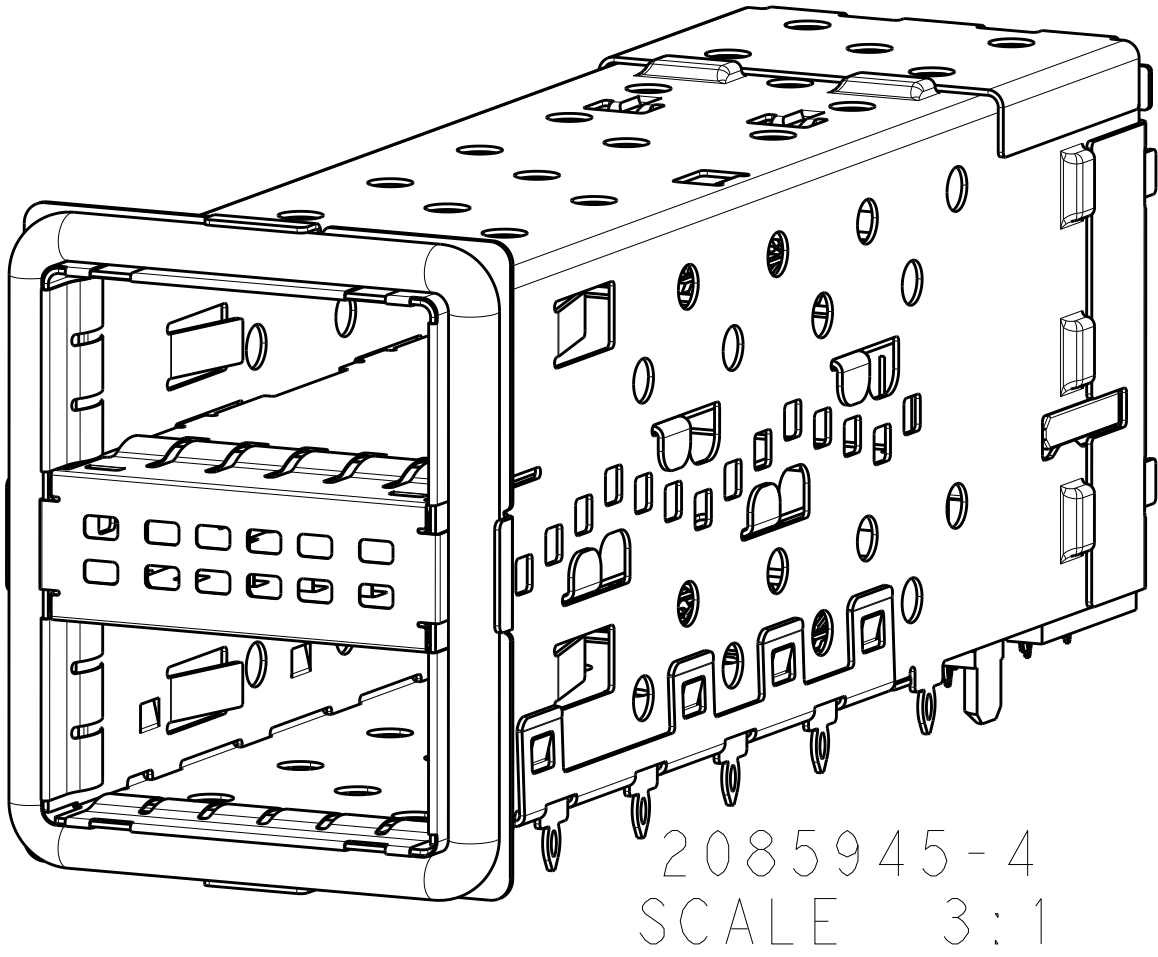
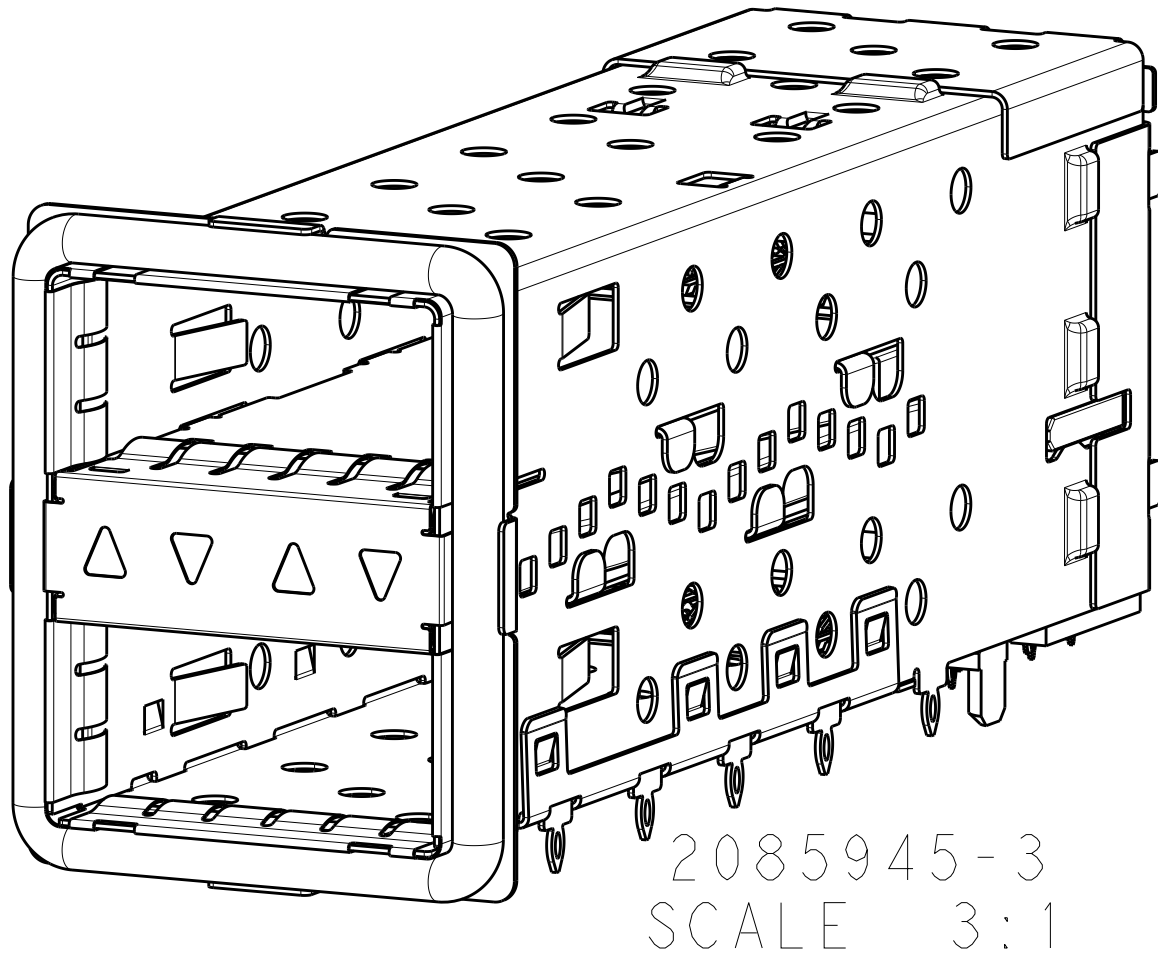
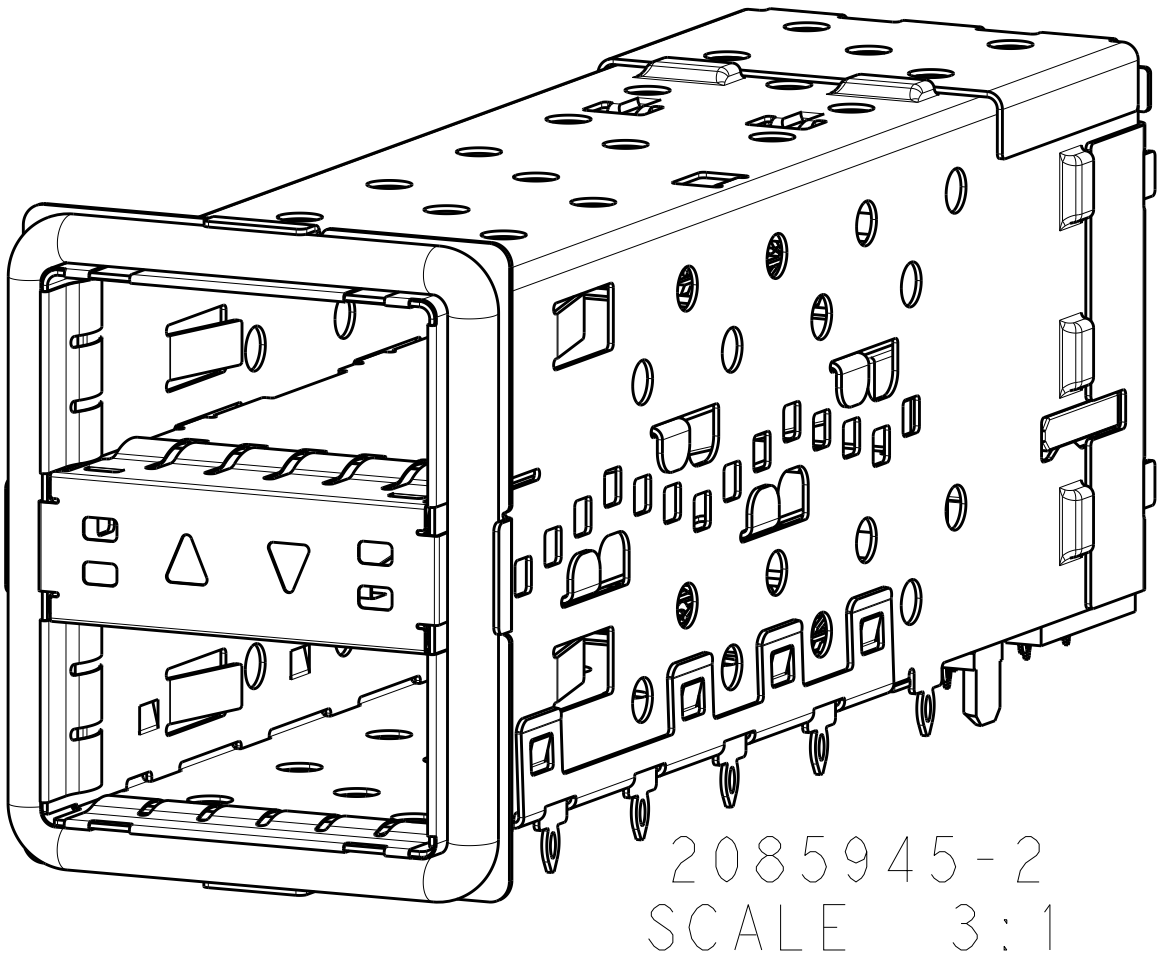
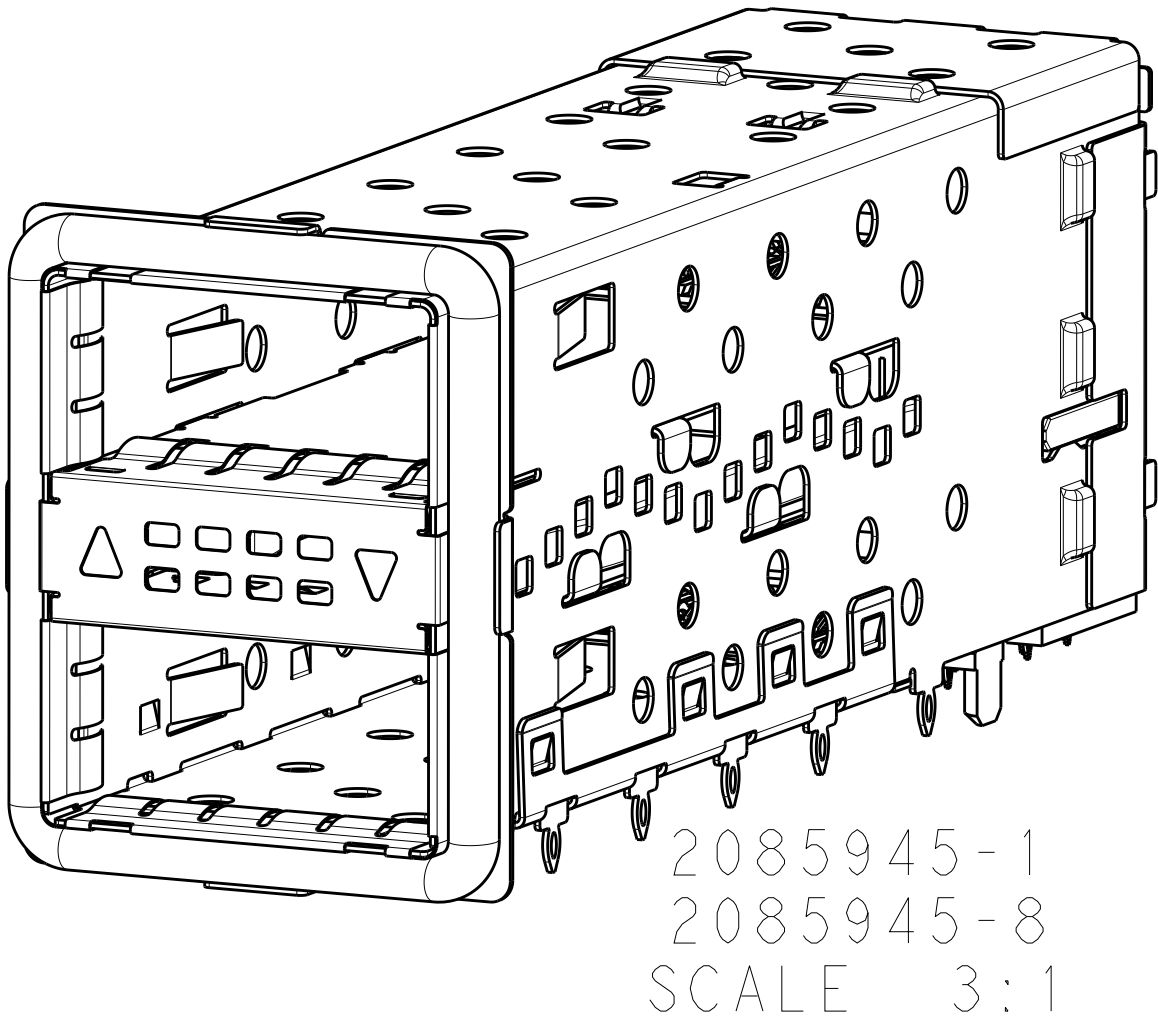
SECTION D-D

RECOMMENDED PANEL CUTOUT
AND PC BOARD, PANEL POSITION
SCALE 4:1




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| | | | | | | | | | | | | | | | | | |
|---|--|--|---|------|------------------|---------|---|-------|-----------|-----|------------|-------|---------------|--------|--|--------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | | | DWN | B. MCMASTER | 08AUG11 |  TE Connectivity | | | | | | | | | | |
| | | | | CHK | E. WICKES | 08AUG11 | | | | | | | | | | | |
| DIMENSIONS: | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | | | | | NAME | | | | | | | | | |
| mm | | | | | | | | | | | | | | | | | |
|  | | 0 PLC | ± | | PRODUCT SPEC | | CAGE AND PT CONNECTOR ASSEMBLY, WITH EMI GASKET, PRESS FIT, 2X1, STACKED QSFP+ | | | | | | | | | | |
| | | 1 PLC | ± | 0.30 | | | | | | | | | | | | | |
| | | 2 PLC | ± | 0.25 | APPLICATION SPEC | | | | | | | | | | | | |
| | | 3 PLC | ± | | | | | | | | | | | | | | |
| | | 4 PLC | ± | | | | | | | | | | | | | | |
| MATERIAL | | ANGLES | ± | | 114-32020 | | SIZE | | CAGE CODE | | DRAWING NO | | RESTRICTED TO | | | | |
| | | FINISH | ± | | - | | A1 | | 100779 | | C=2085945 | | - | | | | |
| | | CUSTOMER DRAWING | | | | | | SCALE | | 4:1 | | SHEET | | 3 OF 4 | | REV 10 | |

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



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CONTACT PRODUCT ENGINEERING
BEFORE USING THIS PRINT

| | | | | | |
|---|---|-------------------------------|---|--------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN B. MCMASTER 08AUG11 |  TE Connectivity | | |
| | | CHK E. WICKES 08AUG11 | | | |
| DIMENSIONS: mm |  | APVD F. WICKES 08AUG11 | NAME CAGE AND PT CONNECTOR ASSEMBLY, WITH EMI GASKET, PRESS FIT, 2X1, STACKED QSFP+ | | |
| | | PRODUCT SPEC 108-127010 | | | |
|  | | APPLICATION SPEC 114-32020 | SIZE A100779C=2085945 | | |
| | | WEIGHT - | | | |
| MATERIAL | | CUSTOMER DRAWING | | RESTRICTED TO - | |
| | | SCALE 4:1 | SHEET 4 | OF 4 | |
| | | | | REV 10 | |