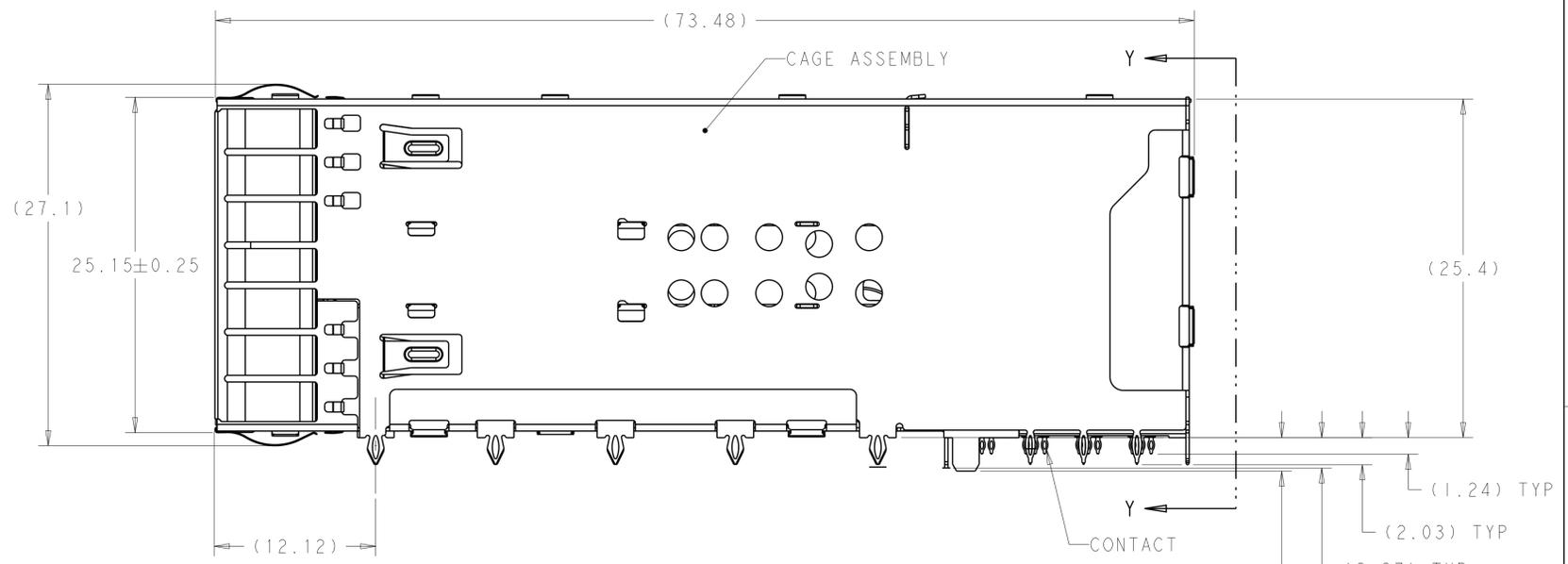
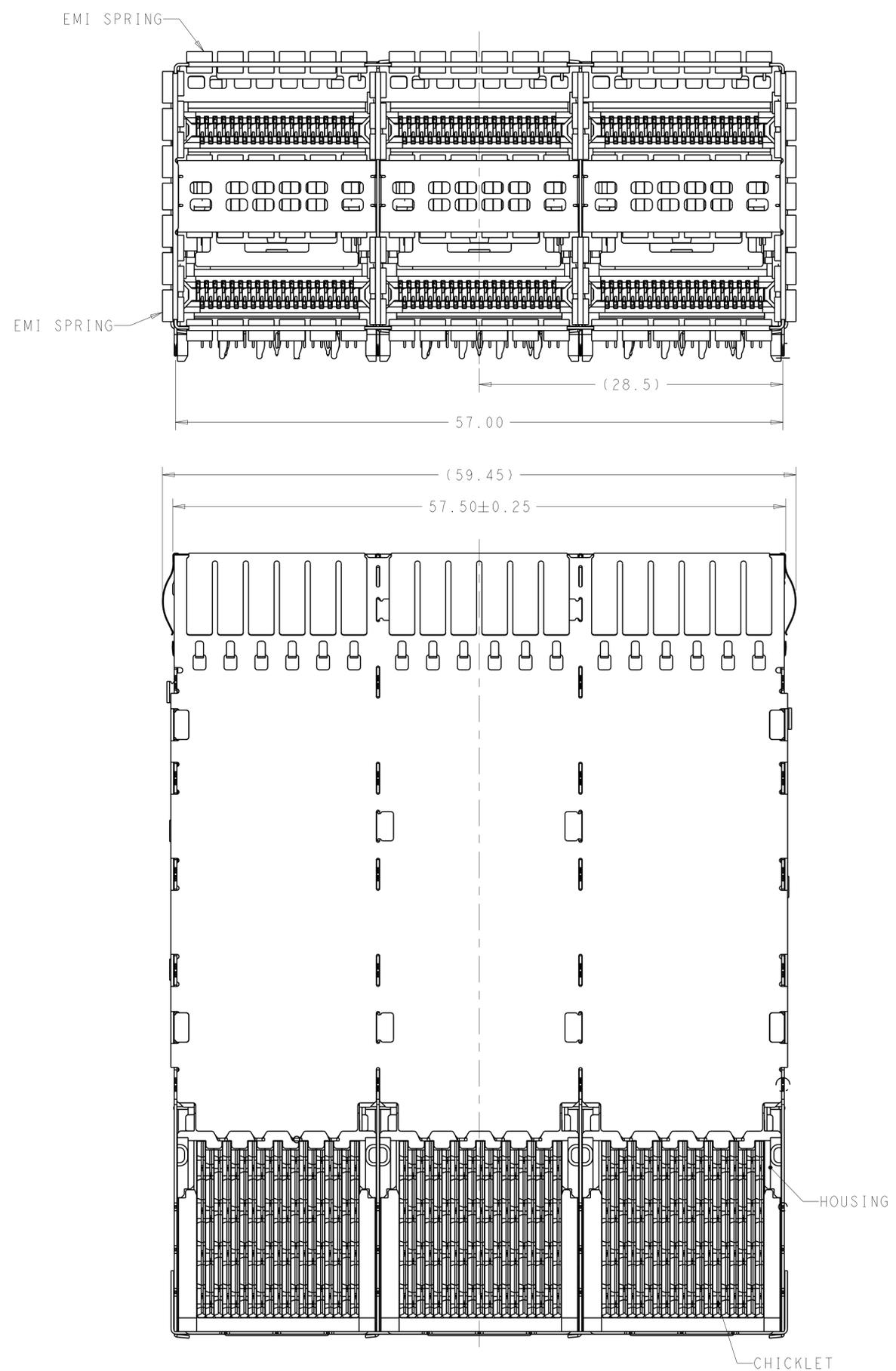


| LOC | | DIST | | REVISIONS | | | |
|-----|----|------|-----|-------------------------|-----------|-----|------|
| GP | 00 | P | LTN | DESCRIPTION | DATE | OWN | APVD |
| | | A | | RELEASED FOR PRODUCTION | 03MAR2016 | TX | SH |



- MATERIALS:
 CAGE ASSEMBLY- NICKEL SILVER ALLOY PER ASTM B 122.
 EMI SPRING- COPPER ALLOY, NICKEL PLATED.
 HOUSING- POLYESTER LCP WITH 94 V-0
 CHICKLET- POLYESTER LCP WITH 94 V-0
 CONTACT- COPPER ALLOY.
 LIGHTPIPE- POLYCARBONATE
- CONTACT FINISH: 0.76µm GOLD ON MATING END, 1.25µm TIN ON SOLDER TAIL, ALL OVER 1.27µm NICKEL.
- DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER.
- MINIMUM PCB THICKNESS OF 1.57.
- THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT, INDICATED BY THE DASHED LINE, TO BE CONSIDERED THE KEEPOUT AREA FOR COMPONENTS.
- CROSS-HATCHED AREAS REPRESENT ZONES ON THE PCB THAT COME IN CONTACT WITH OR BE IN CLOSE PROXIMITY TO THE PLASTIC HOUSING OR THE CONNECTOR CAGE. INDICATED AREAS TO BE CONSIDERED TRACE FREE.
- PART NUMBER AND DATE CODE MADE IN APPROXIMATE AREA SHOWN.
- CONTACT FINISH: 0.08µm MINIMUM GOLD OVER 0.68µm PALLADIUM-NICKEL ON MATING END, 1.25µm TIN ON SOLDER TAIL, ALL OVER 1.27µm NICKEL.
- REMOVE THE PCB HOLES FOR 1-2227671-0 FOR BELLY TO BELLY APPLICATION
- HATCHED AREA IS PLACEMENT ZONE FOR LED. LED SHOULD BE CENTERED WITHIN ZONE. RECOMMEND 0805 PACKAGE

| CONTACT FINISH | DESCRIPTION | PART NUMBER |
|----------------|------------------------------|-------------|
| 2 | ALL INDICATOR DOWN, 4 LP | 1-2227671-2 |
| 2 | DUAL LEFT INDICATOR UP, 4 LP | 1-2227671-1 |
| 2 | LEFT INDICATOR UP, 2 LP | 1-2227671-0 |
| 2 | LEFT INDICATOR DOWN, 4 LP | 2227671-9 |
| 2 | LEFT INDICATOR UP, 4 LP | 2227671-8 |
| 2 | ALL INDICATOR UP, 4 LP | 2227671-7 |
| 8 | LEFT INDICATOR DOWN | 2227671-6 |
| 8 | LEFT INDICATOR UP | 2227671-5 |
| 8 | NO LIGHTPIPE | 2227671-4 |
| 2 | LEFT INDICATOR DOWN | 2227671-3 |
| 2 | LEFT INDICATOR UP | 2227671-2 |
| 2 | NO LIGHTPIPE | 2227671-1 |

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONS: mm. TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±, 1 PLC ±0.25, 2 PLC ±0.15, 3 PLC ±, 4 PLC ±, ANGLES ±, FINISH ±.

OWN: M. SHIRK, 18JAN2013
 CHK: D. SZCZESNY, 18JAN2013
 APVD: -

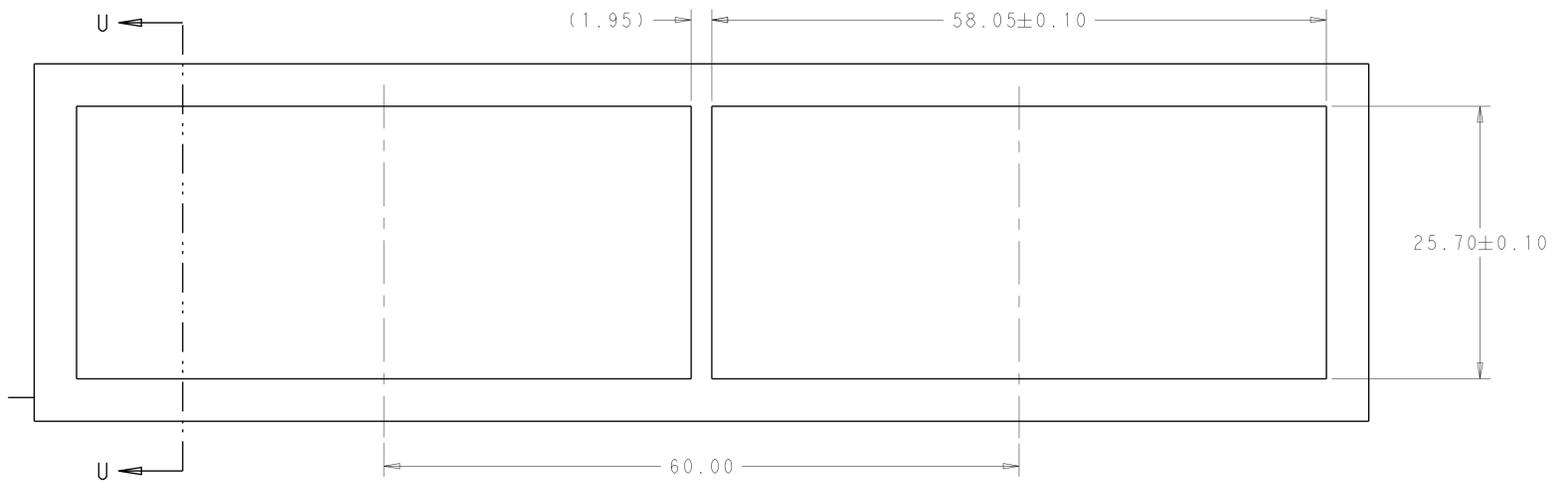
PRODUCT SPEC: 108-60102
 APPLICATION SPEC: 114-60015

WEIGHT: -
 CUSTOMER DRAWING

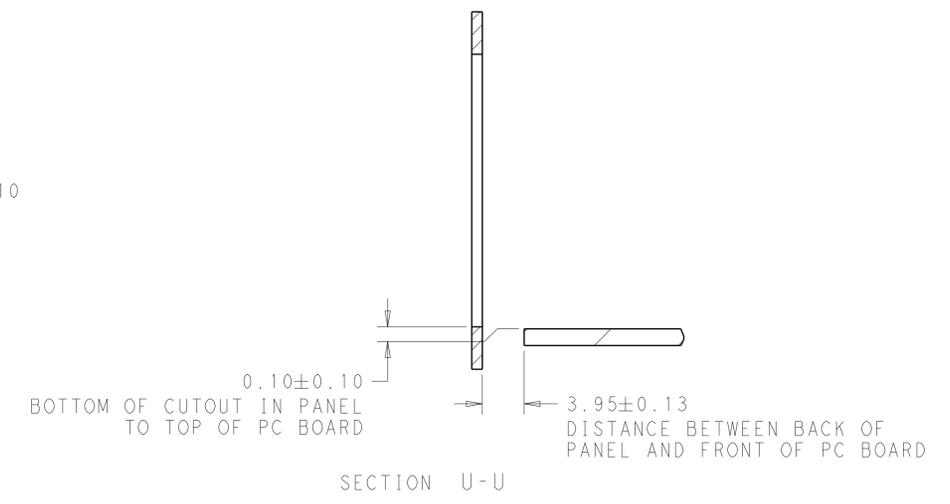
NAME: CAGE AND CONNECTOR ASSEMBLY, WITH EMI SPRING, THRU BEZEL, 2X3, ZQSFP+ STACKED
 SIZE: 100779
 CAGE CODE: 2227671
 DRAWING NO: 2227671

RESTRICTED TO: -
 SCALE: 4:1
 SHEET: 1 OF 6
 REV: A

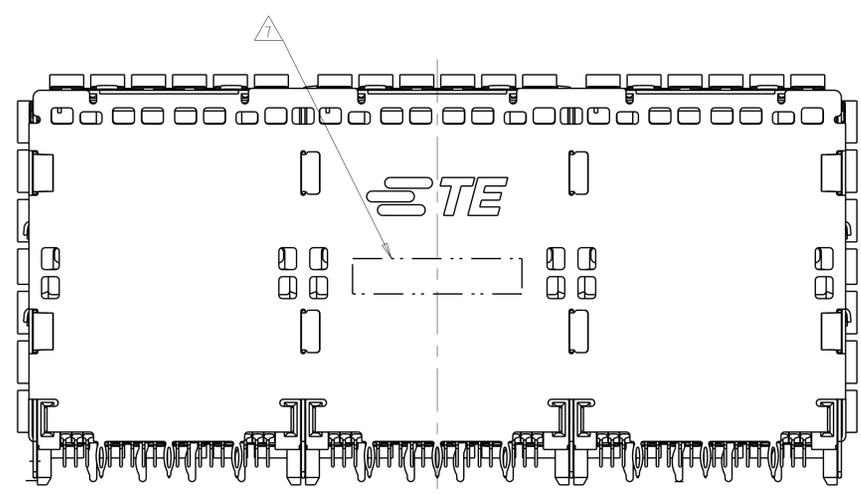
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| P | LTN | DESCRIPTION | DATE | DWN | APVD | | |
| - | - | SEE SHEET 1 | - | - | - | | |



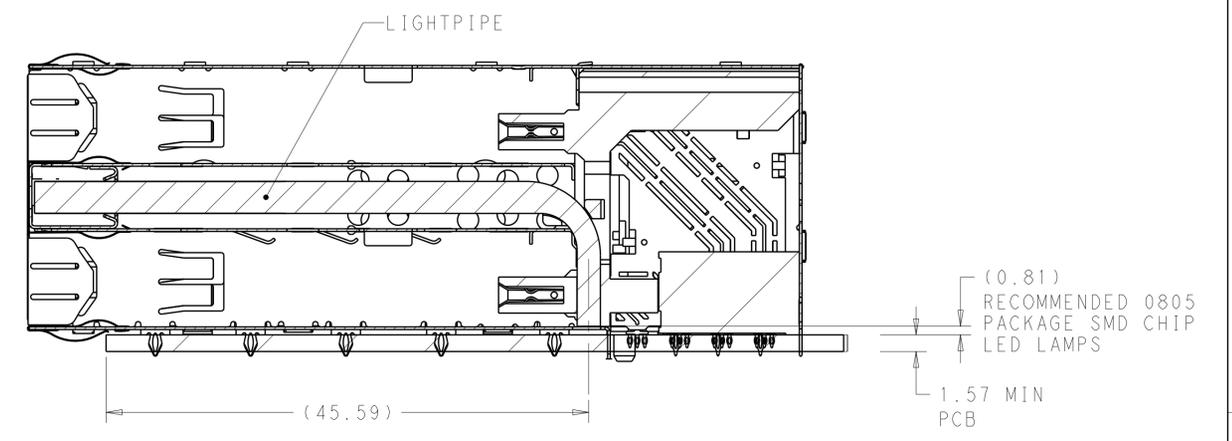
RECOMMENDED PANEL CUTOUT
 AND PC BOARD, PANEL POSITION
 SCALE 3:1



SECTION U-U



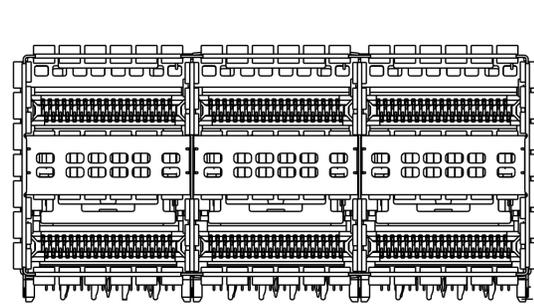
VIEW Y-Y



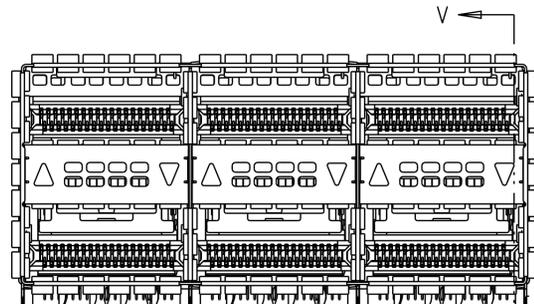
SECTION V-V
 SCALE 3:1

| | | | |
|--|-------------|---------------------------------|-----------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN M. SHIRK 18JAN2013 | TE Connectivity |
| DIMENSIONS: mm | | CHK D. SZCZESNY 18JAN2013 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD | NAME |
| 0 PLC ± | 1 PLC ±0.25 | PRODUCT SPEC | CAGE AND CONNECTOR ASSEMBLY, |
| 2 PLC ±0.15 | 3 PLC ± | 108-60102 | WITH EMI SPRING, THRU BEZEL, 2X3, |
| 4 PLC ± | ANGLES ± | APPLICATION SPEC | ZQSFP+ STACKED |
| MATERIAL | FINISH | 114-60015 | SIZE |
| SEE NOTE 1 | SEE NOTE 2 | WEIGHT | A100779C=2227671 |
| CUSTOMER DRAWING | | SCALE 4:1 | SHEET 1 OF 6 |

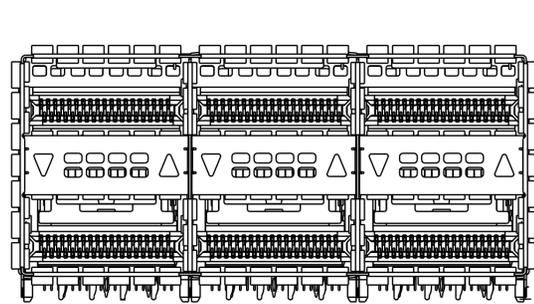
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| P | LTN | DESCRIPTION | DATE | OWN | APVD |
| - | - | SEE SHEET 1 | - | - | - |



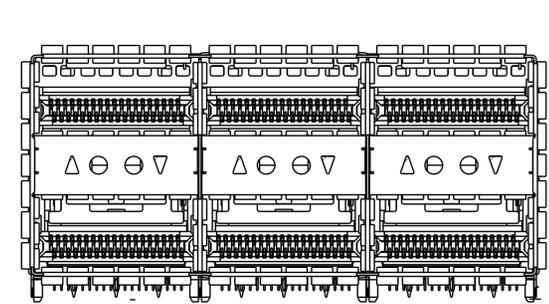
2227671-1/4
 NO LIGHTPIPE IN ASSEMBLY
 SCALE 5:2



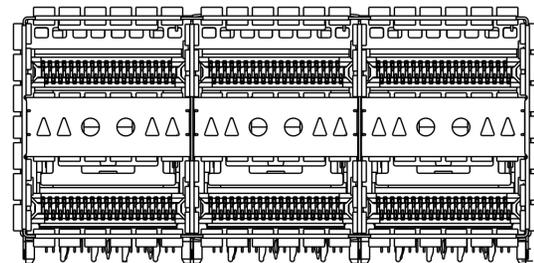
2227671-2/5
 LEFT LIGHTPIPE INDICATOR
 POINTING TO UPPER PORT
 SCALE 5:2



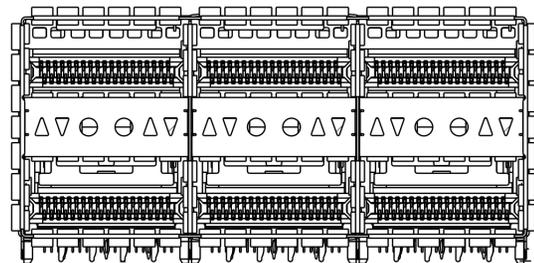
2227671-3/6
 LEFT LIGHTPIPE INDICATOR
 POINTING TO LOWER PORT
 SCALE 5:2



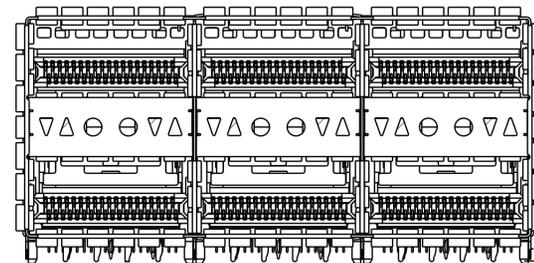
1-2227671-0
 LEFT INDICATOR UP, 2LP
 SCALE 5:2



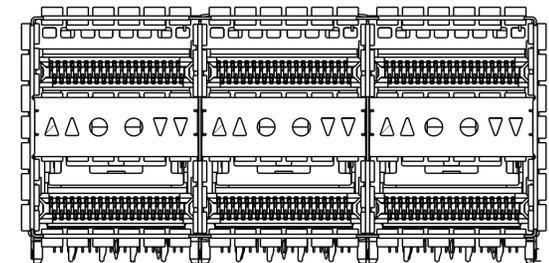
2227671-7
 ALL INDICATOR UP, 4LP
 SCALE 5:2



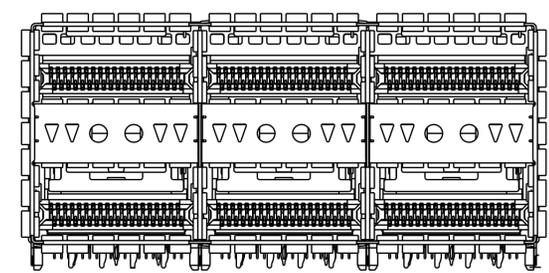
2227671-8
 LEFT INDICATOR UP, 4LP
 SCALE 5:2



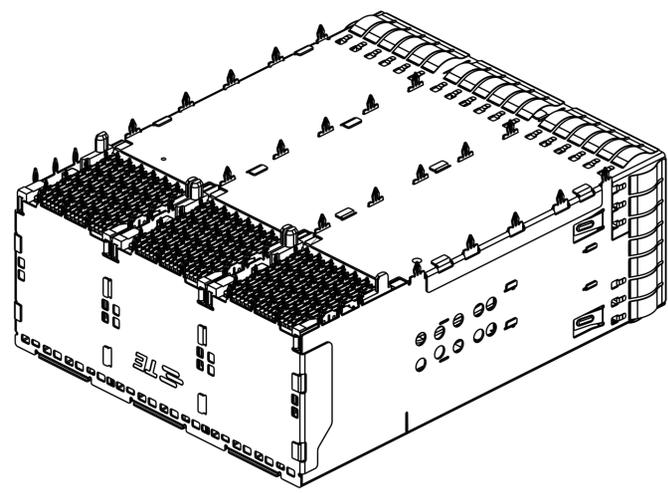
2227671-9
 LEFT INDICATOR DOWN, 4LP
 SCALE 5:2



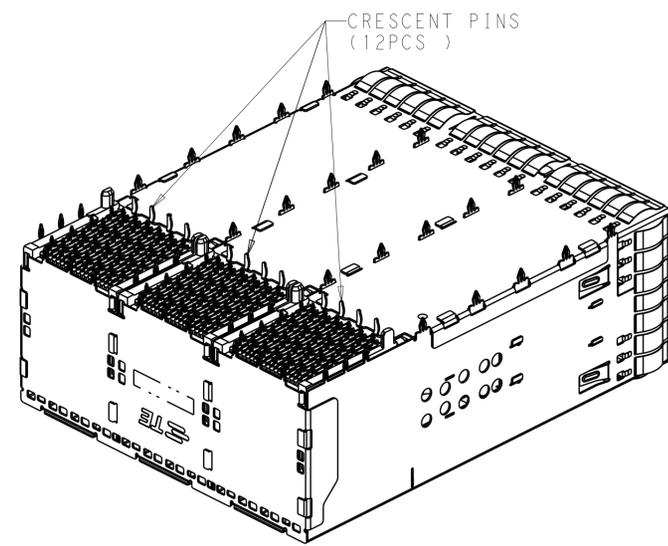
1-2227671-1
 DUAL LEFT INDICATOR UP, 4 LP
 SCALE 5:2



1-2227671-2
 ALL INDICATOR DOWN, 4 LP
 SCALE 5:2



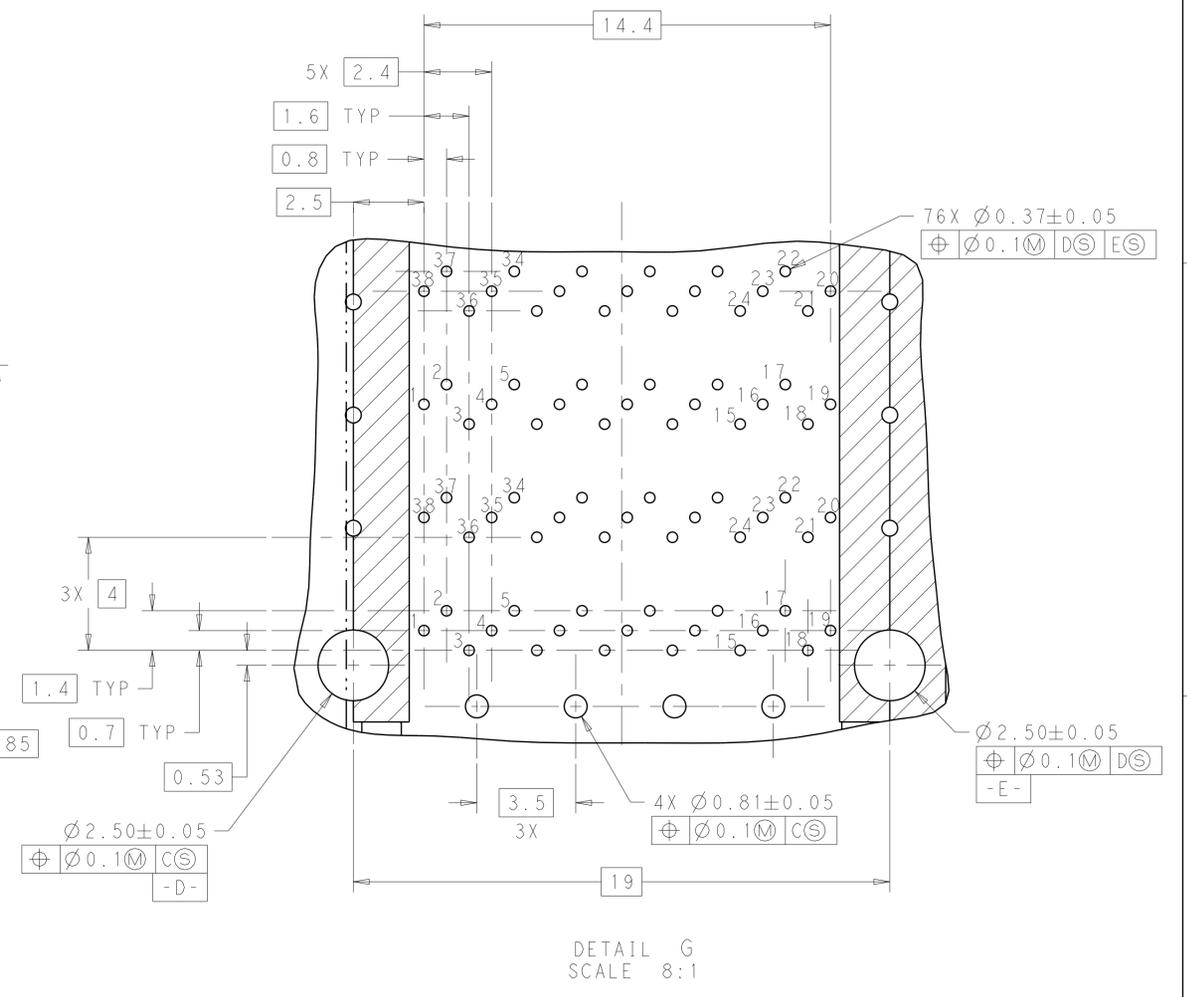
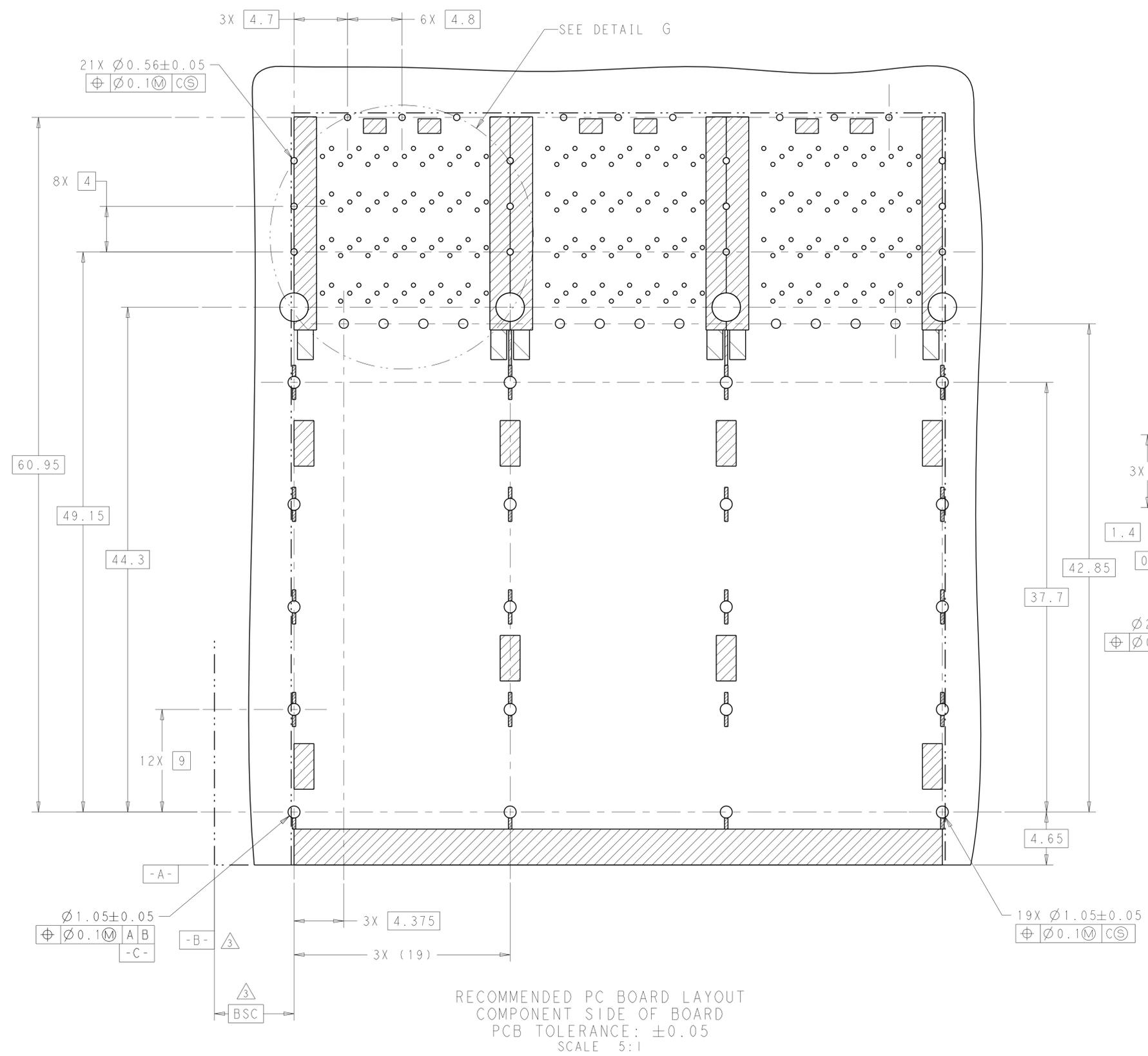
ONLY 1-2227671-0 AS SHOWN WITHOUT CRESCENT PINS
 SCALE 2:1



2227671-1 TO 2227671-9, 1-2227671-1
 AND 1-2227671-2 AS SHOWN WITH CRESCENT PINS
 SCALE 2:1

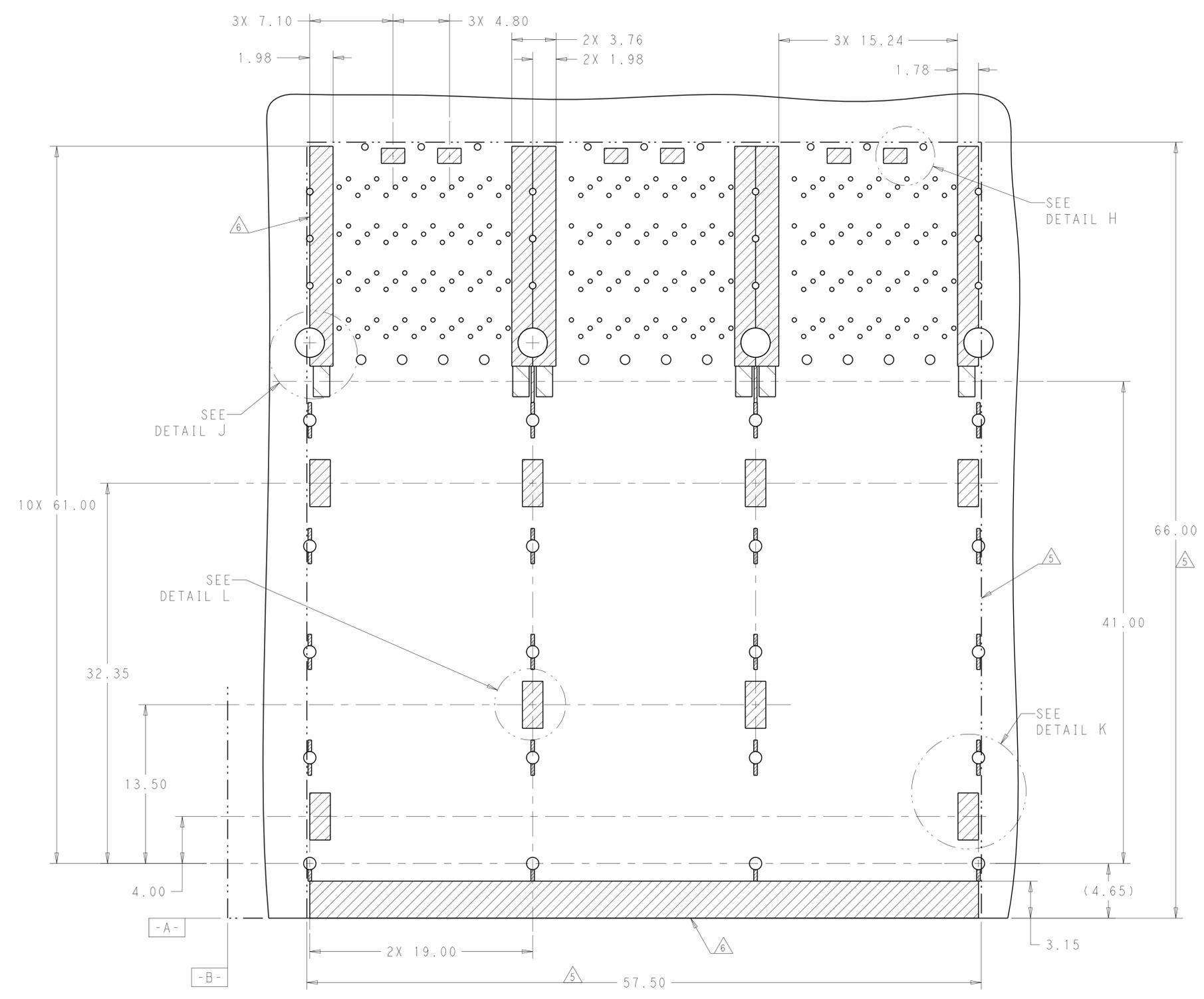
| | | | |
|--|--|----------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | OWN: M. SHIRK 18JAN2013 | TE Connectivity NAME: CAGE AND CONNECTOR ASSEMBLY, WITH EMI SPRING, THRU BEZEL, 2X3, ZQSFP+ STACKED |
| DIMENSIONS: mm | | CHK: D. SZCZESNY 18JAN2013 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD: - | PRODUCT SPEC: 108-60102 |
| 0 PLC ± | | PRODUCT SPEC: 108-60102 | APPLICATION SPEC: 114-60015 |
| 1 PLC ±0.25 | | SIZE: A | CAGE CODE: 100779 |
| 2 PLC ±0.15 | | WEIGHT: - | DRAWING NO: 2227671 |
| 3 PLC ± | | FINISH: - | RESTRICTED TO: - |
| 4 PLC ± | | SEE NOTE 1 | SCALE: 4:1 |
| ANGLES ± | | SEE NOTE 2 | SHEET 1 OF 6 |
| MATERIAL: - | | CUSTOMER DRAWING | REV: A |

| LOC | DIST | REVISIONS | | | |
|-----|------|-------------|------|-----|------|
| P | LTN | DESCRIPTION | DATE | DMN | APVD |
| - | - | SEE SHEET 1 | - | - | - |

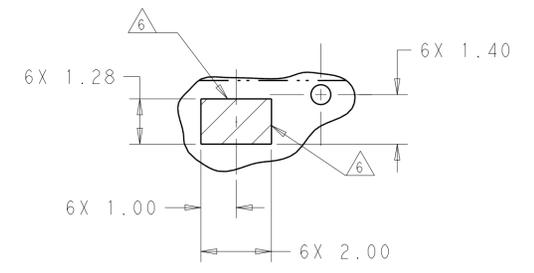


| | | | | |
|--|------------|---------------------------------|-----------------------------------|------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DMN M. SHIRK 18JAN2013 | TE Connectivity | |
| DIMENSIONS: mm | | CHK D. SZCZESNY 18JAN2013 | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD | NAME | |
| 0 PLC | ± | PRODUCT SPEC | CAGE AND CONNECTOR ASSEMBLY, | |
| 1 PLC | ± 0.25 | 108-60102 | WITH EMI SPRING, THRU BEZEL, 2X3, | |
| 2 PLC | ± 0.15 | APPLICATION SPEC | ZQSFP+ STACKED | |
| 3 PLC | ± | SIZE | CAGE CODE | DRAWING NO |
| 4 PLC | ± | 114-60015 | A100779 | C=2227671 |
| ANGLES | ± | WEIGHT | RESTRICTED TO | |
| MATERIAL | FINISH | CUSTOMER DRAWING | SCALE 4:1 SHEET 1 OF 6 REV A | |
| SEE NOTE 1 | SEE NOTE 2 | | | |

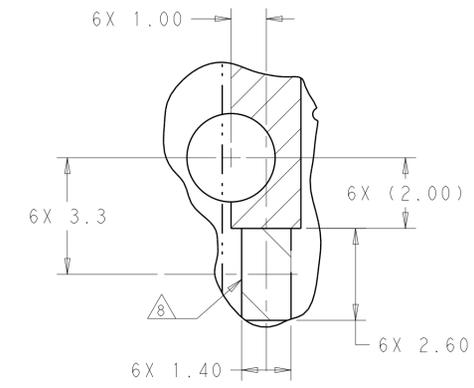
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| P. | LTN. | DESCRIPTION | DATE | DMN | APVD | | |
| - | - | SEE SHEET 1 | - | - | - | | |



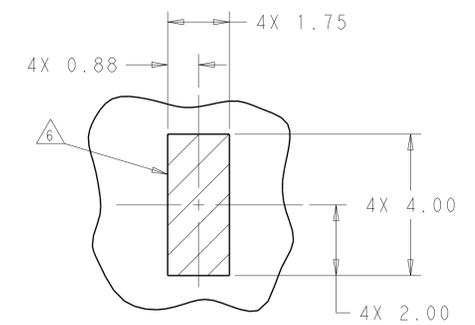
KEEPOUT AREAS COMPONENT
 SIDE OF BOARD FOR 2 LP
 SCALE 5:1



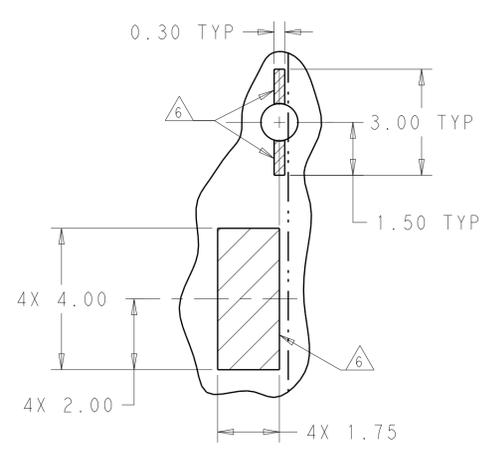
DETAIL H
 SCALE 10:1



DETAIL J
 LED PADS
 SCALE 10:1



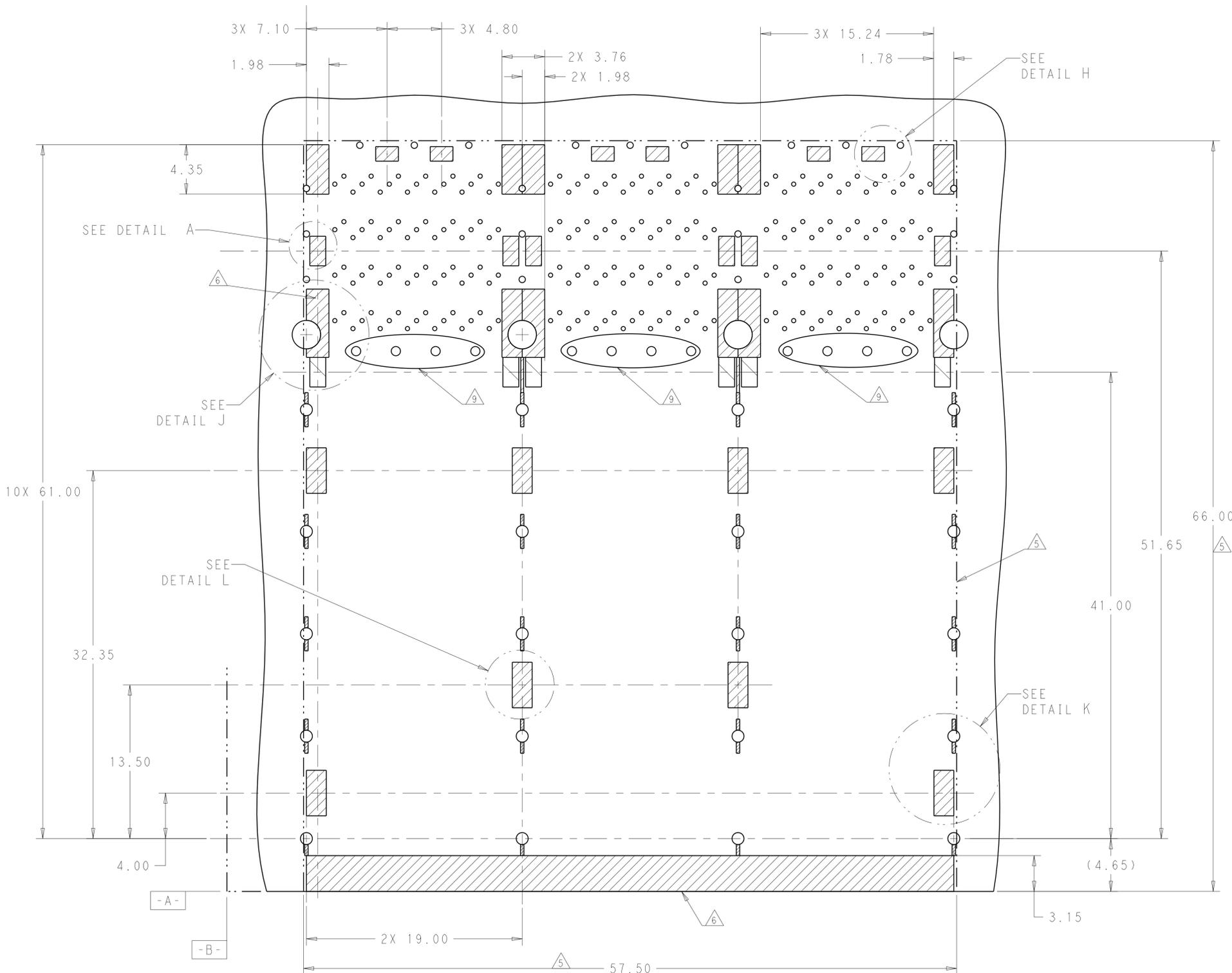
DETAIL L
 SCALE 10:1



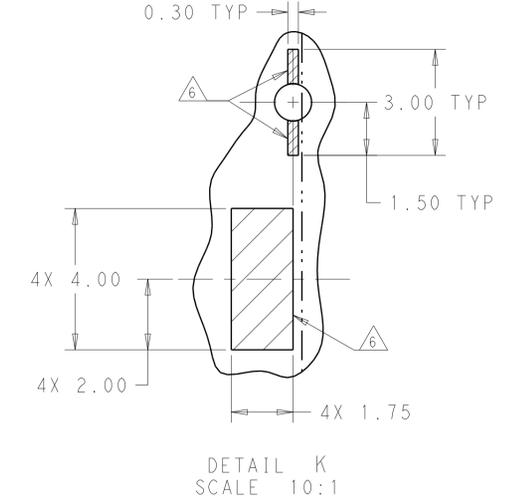
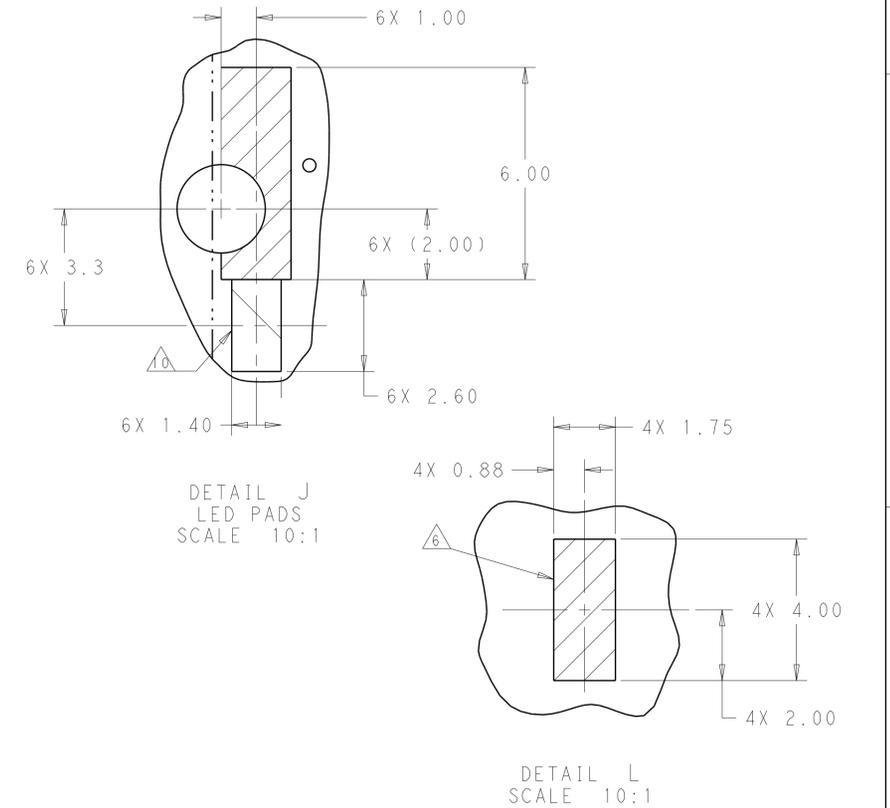
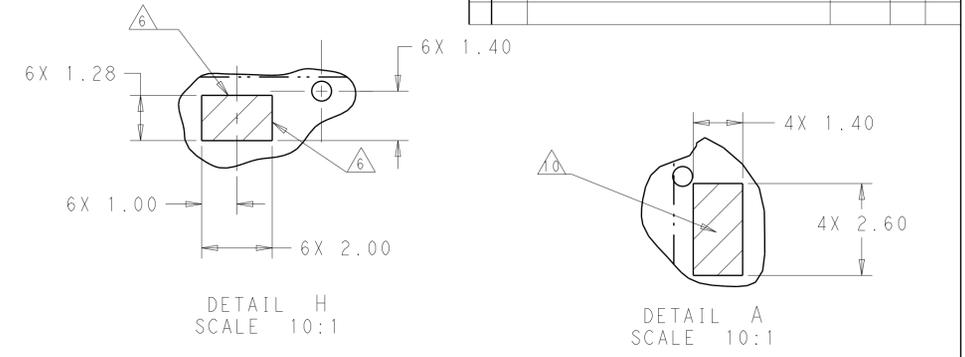
DETAIL K
 SCALE 10:1

| | | | |
|---|--|---------------------------------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DMN M. SHIRK 18JAN2013 | NAME CAGE AND CONNECTOR ASSEMBLY, WITH EMI SPRING, THRU BEZEL, 2X3, ZQSPF+ STACKED |
| DIMENSIONS: mm | | CHK D. SZCZESNY 18JAN2013 | PRODUCT SPEC 108-60102 |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.25 1 PLC ±0.15 2 PLC ±0.15 3 PLC ±0.15 4 PLC ±0.15 ANGLES ±0.15 | | APVD | APPLICATION SPEC 114-60015 |
| MATERIAL SEE NOTE 1 | | FINISH SEE NOTE 2 | RESTRICTED TO A100779C=2227671 |
| CUSTOMER DRAWING | | SCALE 4:1 | SHEET 1 OF 6 REV A |

| LOC | DIST | REVISIONS | | | |
|-----|------|-------------|------|-----|------|
| P | LTN | DESCRIPTION | DATE | DMN | APVD |
| - | - | SEE SHEET 1 | - | - | - |



KEEPOUT AREAS COMPONENT
 SIDE OF BOARD FOR 4 LP
 SCALE 5:1



| | | | |
|--|--|---------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DMN M. SHIRK 18JAN2013 | TE Connectivity NAME CAGE AND CONNECTOR ASSEMBLY, WITH EMI SPRING, THRU BEZEL, 2X3, ZQSFP+ STACKED |
| DIMENSIONS: | | CHK D. SZCZESNY 18JAN2013 | |
| mm | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD | PRODUCT SPEC |
| 0 PLC | ± | 108-60102 | APPLICATION SPEC |
| 1 PLC | ±0.25 | 114-60015 | WEIGHT |
| 2 PLC | ±0.15 | 114-60015 | SCALE |
| 3 PLC | ± | 114-60015 | SHEET 1 OF 6 |
| 4 PLC | ± | 114-60015 | REV A |
| ANGLES | ± | 114-60015 | |
| MATERIAL | FINISH | 114-60015 | |
| SEE NOTE 1 | SEE NOTE 2 | CUSTOMER DRAWING | |