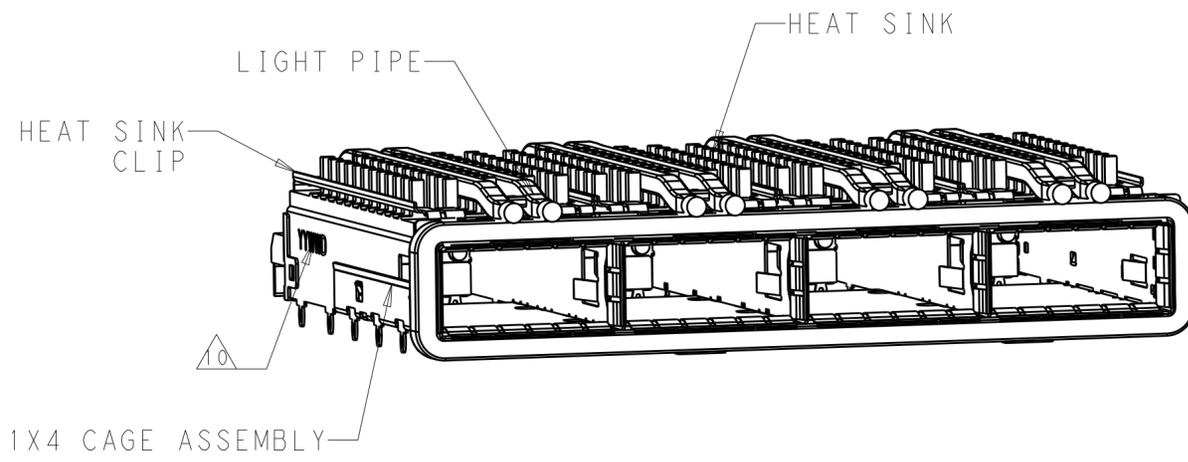
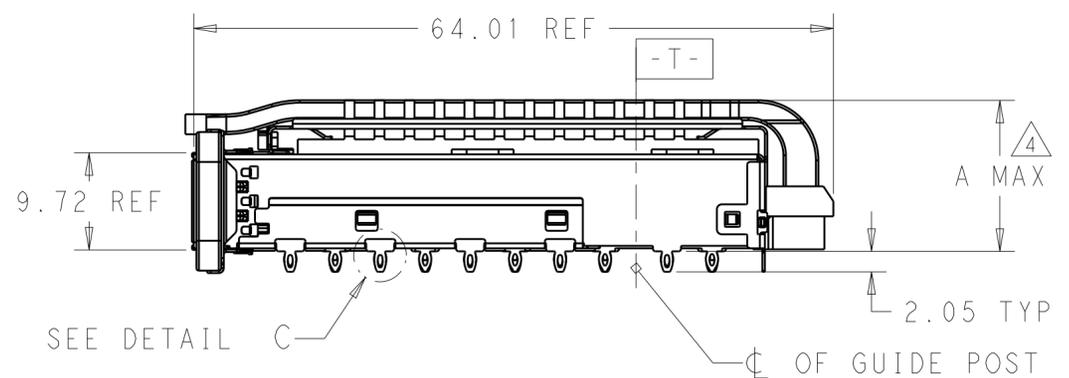
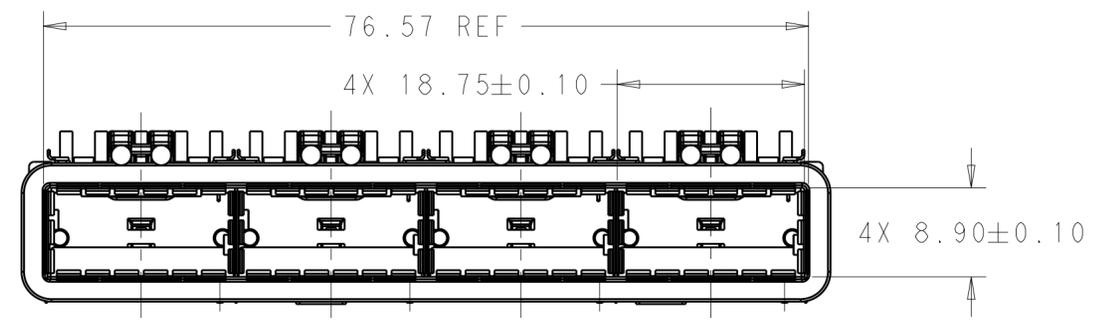


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| REVISIONS | | | | |
|-----------|-----|-------------|-----------|------|
| P | LTR | DESCRIPTION | DATE | APVD |
| 1 | | PRELIMINARY | 30JUN2014 | JY |
| | | | | |
| | | | | |



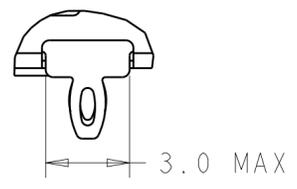
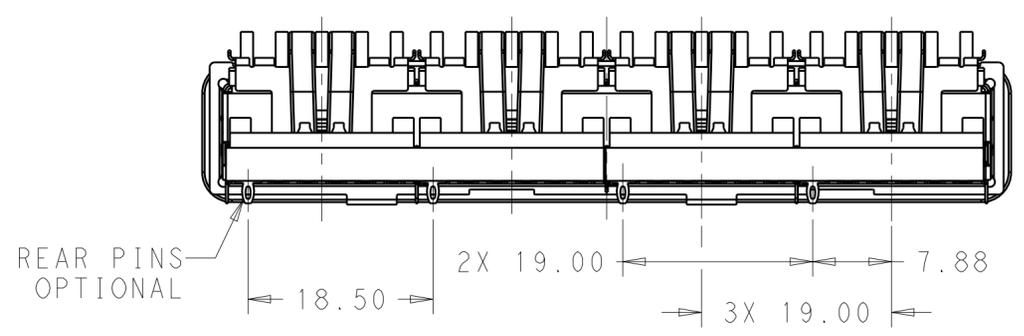
1. COMPONENTS
 CAGE ASSEMBLY: NICKEL-SILVER ALLOY
 HEAT SINK: ALUMINUM/BLACK ANODIZE
 HEAT SINK CLIP: STAINLESS STEEL
 EMI SPRING: COPPER ALLOY/NICKEL PLATE
 LIGHT PIPE: CLEAR POLYCARBONATE WITH 94 V-0
 EMI GASKET: PLATED FILLED SILICONE WITH 94 V-0
 ORGANIZER: POLYESTER WITH UL 94 V-0
2. REFERENCE APPLICATION SPECIFICATION 114-***** FOR RECOMMENDED DRILL HOLE DIAMETER AND PLATING THICKNESS
3. DATUM AND BASIC DIMENSION ESTABLISHED BY CUSTOMER
4. DIMENSION APPLIES WITH MODULE INSERTED IN CAGE
5. HEAT SINKS, HEAT SINK CLIPS AND LIGHT PIPES ARE SHIPPED ASSEMBLED ON CAGE
6. MINIMUM PC BOARD THICKNESS: SINGLE SIDED: 1.57 MIN
 DOUBLE SIDED: 3.00 MIN
7. DATUM -A- IS TOP SURFACE OF THE HOST BOARD.
8. THESE HOLES ARE OPTIONAL WHEN THE REAR PINS ARE REMOVED.
9. MATES WITH QSFP28 MSA COMPATIBLE TRANSCEIVER.
10. DATE CODE (YYWWD) MARKED APPROXIMATELY AS SHOWN.
11. NOTED DIMENSIONS ONLY APPLY TO CAGE ASSEMBLY WITH LIGHT PIPE.



SCALE 2:1

SEE DETAIL C

CL OF GUIDE POST



DETAIL C
 SCALE 6:1

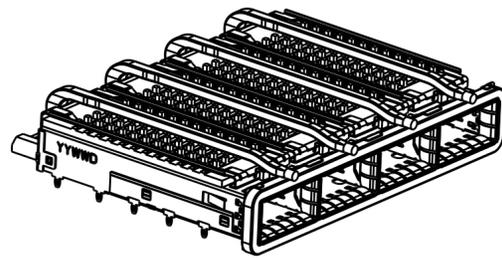
BACK VIEW
 SCALE 2:1

PRELIMINARY PART- NOT RELEASED FOR PRODUCTION

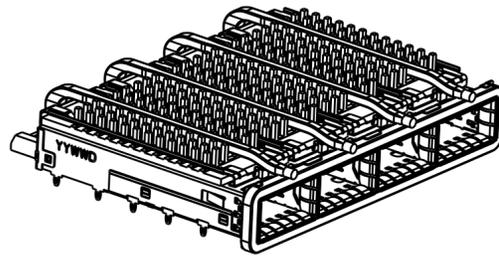
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|--|--|-----------------------|-----------|---|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN JASON YANG | 20JUN2014 | STE TE Connectivity | |
| DIMENSIONS: mm | | CHK - | APVD - | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.25 2 PLC ±0.2 3 PLC ± 4 PLC ± ANGLES ± FINISH | | PRODUCT SPEC - | | RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X4, QSFP28, GASKET | |
| MATERIAL SEE NOTES | | APPLICATION SPEC - | | SIZE A2 | CAGE CODE 00779 |
| - | | WEIGHT - | | DRAWING NO C-2170785 | RESTRICTED TO - |
| Customer Drawing | | | | SCALE 3:1 | SHEET 1 OF 9 REV 1 |

| REVISIONS | | | | |
|-----------|-----|-------------|------|------|
| P | LTR | DESCRIPTION | DATE | APVD |
| - | | SEE SHEET 1 | - | - |
| | | | | |
| | | | | |

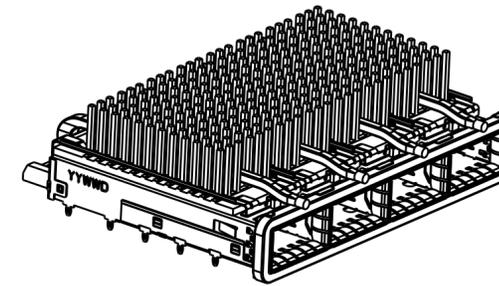
HEAT SINK OPTION



PCI HEAT SINK
SCALE 1:1

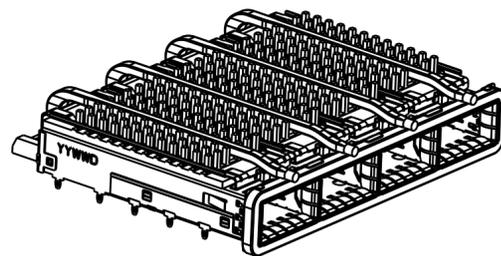


SAN HEAT SINK
SCALE 1:1

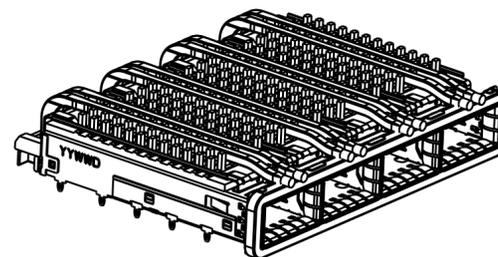


NETWORKING HEAT SINK
SCALE 1:1

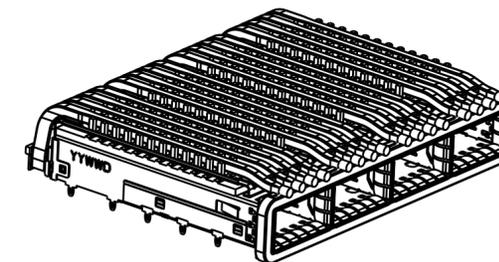
LIGHT PIPE OPTION



SINGLE LOGHT PIPE
SCALE 1:1

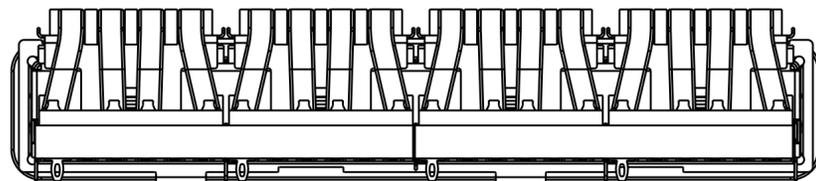


DUAL LIGHT PIPE
SCALE 1:1

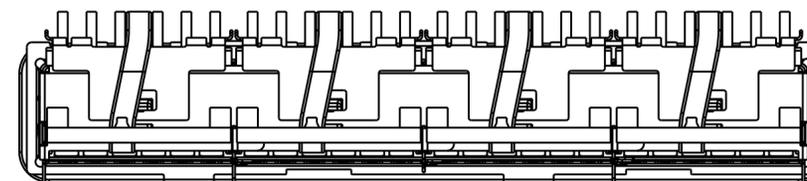


QUAD LIGHT PIPE
SCALE 1:1

OF REAR PIN OPTION



1 REAR PIN
SCALE 2:1



0 REAR PIN
SCALE 2:1

| | | | | |
|--|--|---|---|------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN 20 JUN 2014 JASON YANG |  TE Connectivity | |
| DIMENSIONS: mm | | CHK - APVD - PRODUCT SPEC - APPLICATION SPEC - WEIGHT - | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.25 2 PLC ±0.2 3 PLC ± 4 PLC ± ANGLES ± FINISH | | SIZE CAGE CODE DRAWING NO A200779 C-2170785 | | RESTRICTED TO |
| MATERIAL SEE NOTES | | Customer Drawing | | SCALE 3:1 SHEET 2 OF 9 REV 1 |

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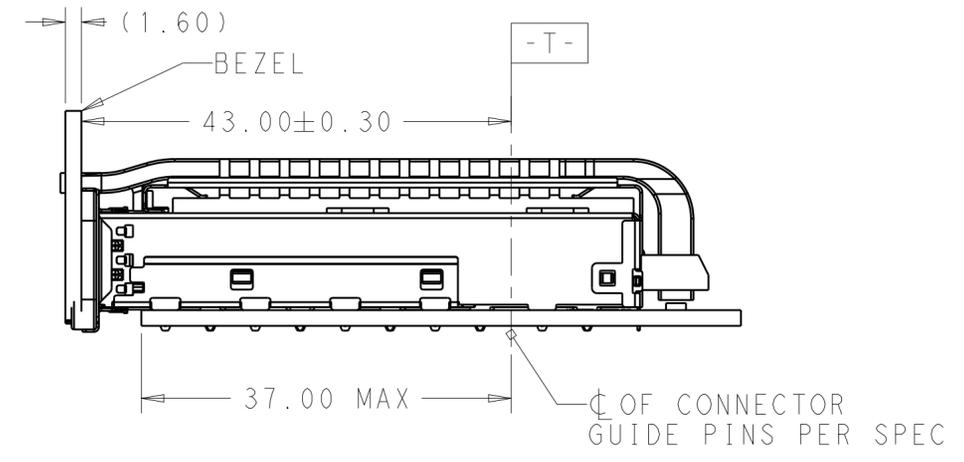
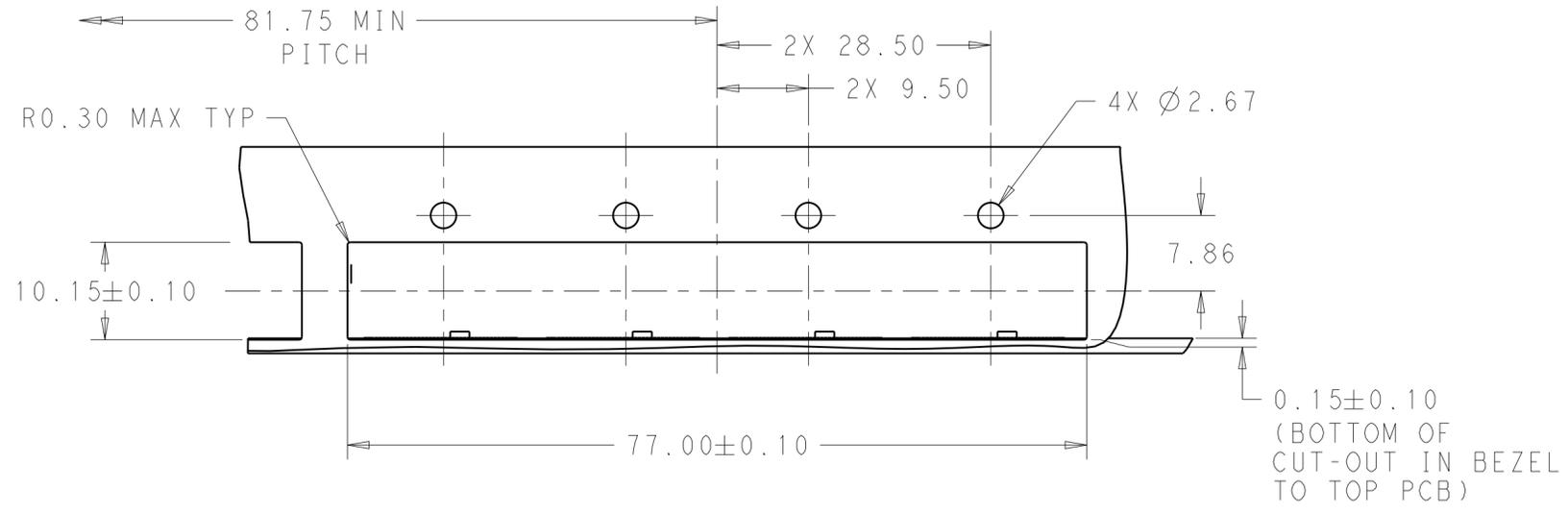
| REVISIONS | | | | |
|-----------|-----|-------------|------|------|
| P | LTR | DESCRIPTION | DATE | APVD |
| - | | SEE SHEET 1 | - | - |
| | | | | |
| | | | | |

| | | | | |
|---------------|-------|-------------|-------------------|-------------|
| 0 | 23.0 | NETWORKING | QUAD | 4-2170785-6 |
| 0 | 16.0 | SAN | QUAD | 4-2170785-5 |
| 0 | 13.7 | PCI | QUAD | 4-2170785-4 |
| 1 | 23.0 | NETWORKING | QUAD | 4-2170785-3 |
| 1 | 16.0 | SAN | QUAD | 4-2170785-2 |
| 1 | 13.7 | PCI | QUAD | 4-2170785-1 |
| 0 | 23.0 | NETWORKING | DUAL | 2-2170785-6 |
| 0 | 16.0 | SAN | DUAL | 2-2170785-5 |
| 0 | 13.7 | PCI | DUAL | 2-2170785-4 |
| 1 | 23.0 | NETWORKING | DUAL | 2-2170785-3 |
| 1 | 16.0 | SAN | DUAL | 2-2170785-2 |
| 1 | 13.7 | PCI | DUAL | 2-2170785-1 |
| 0 | 23.0 | NETWORKING | SINGLE | 2170785-6 |
| 0 | 16.0 | SAN | SINGLE | 2170785-5 |
| 0 | 13.7 | PCI | SINGLE | 2170785-4 |
| 1 | 23.0 | NETWORKING | SINGLE | 2170785-3 |
| 1 | 16.0 | SAN | SINGLE | 2170785-2 |
| 1 | 13.7 | PCI | SINGLE | 2170785-1 |
| # OF REAR PIN | DIM A | APPLICATION | LIGHT PIPE OPTION | PART NUMBER |

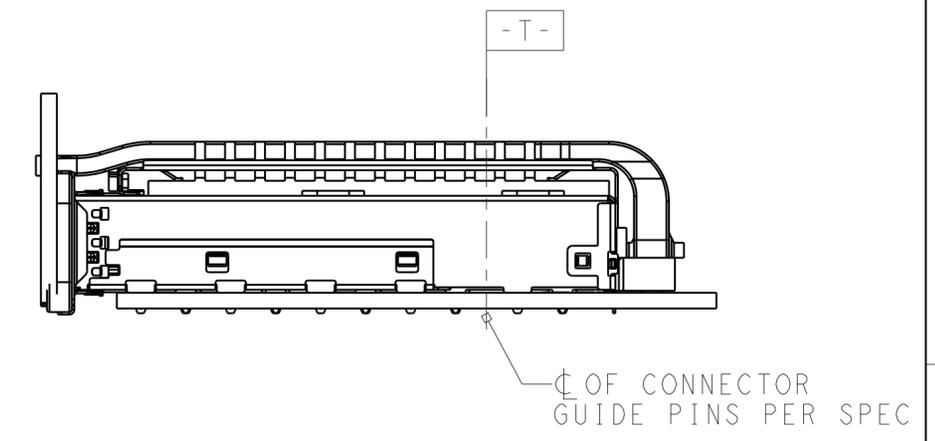
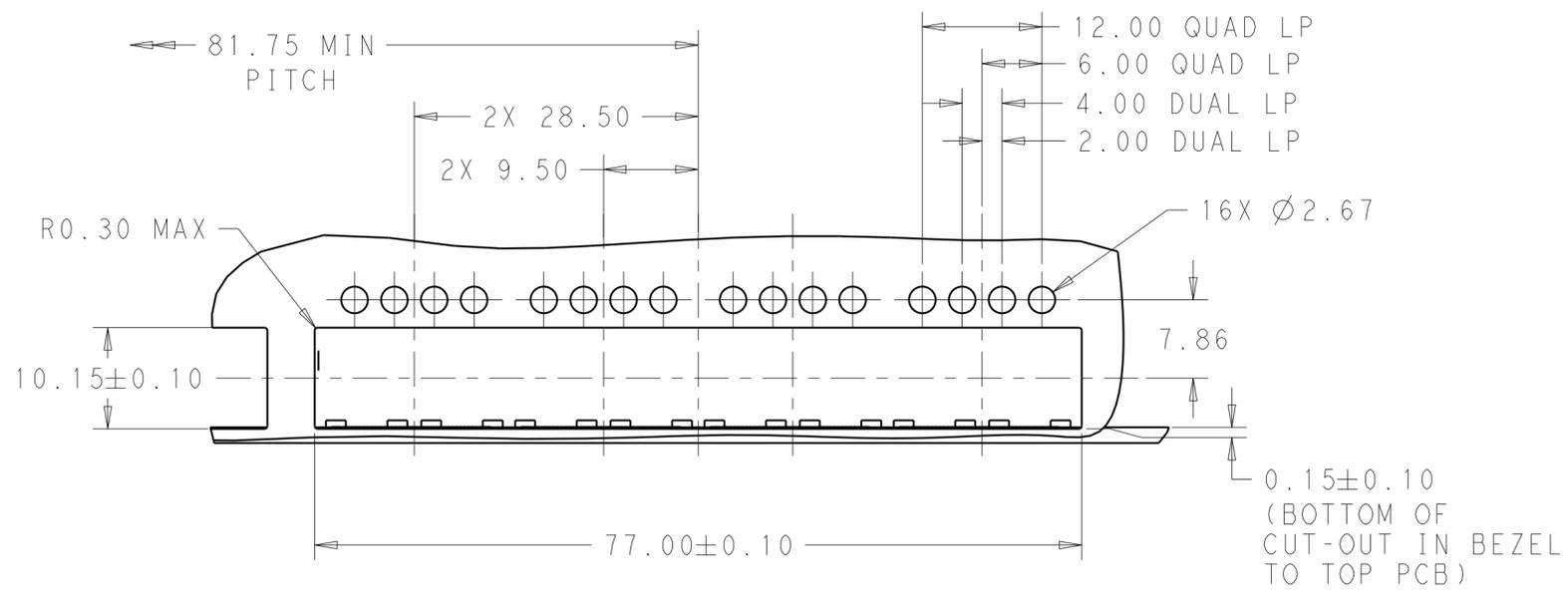
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|--|--|-------------------------------|---|----------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN 20 JUN 2014 JASON YANG |  TE Connectivity | |
| DIMENSIONS: mm | | CHK - | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.25 2 PLC ±0.2 3 PLC ± 4 PLC ± | | PRODUCT SPEC - | NAME RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X4, QSFP28, GASKET | |
| MATERIAL SEE NOTES | | FINISH SEE NOTES | APPLICATION SPEC - | RESTRICTED TO - |
| WEIGHT - | | SIZE A2 | CAGE CODE 00779 | DRAWING NO C-2170785 |
| Customer Drawing | | SCALE 3:1 | SHEET 3 OF 9 | REV 1 |

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| P | LTR | DESCRIPTION | DATE | APVD |
| - | - | SEE SHEET 1 | - | - |
| | | | | |
| | | | | |



SINGLE SIDE MOUNTING
SCALE 2:1



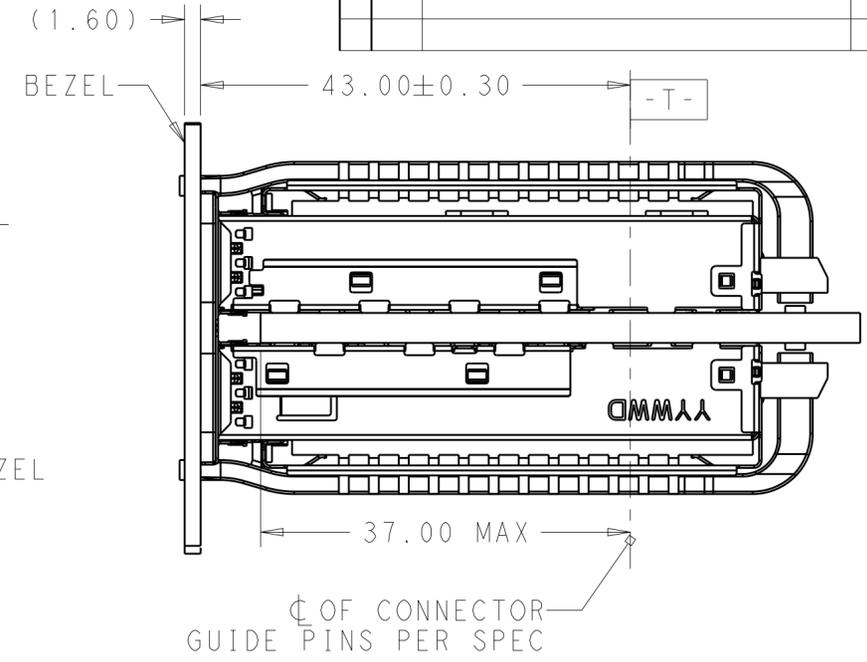
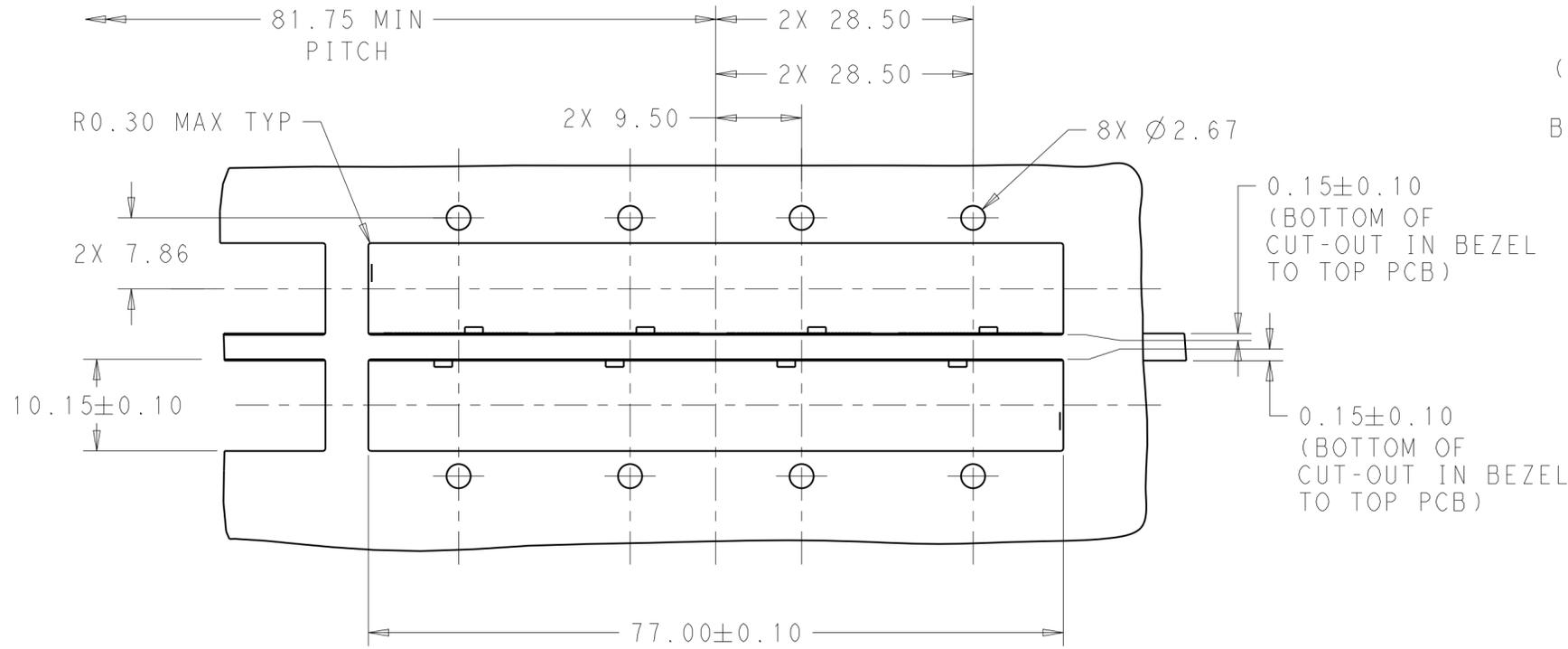
SINGLE SIDE MOUNTING
SCALE 2:1

PRELIMINARY PART- NOT RELEASED FOR PRODUCTION

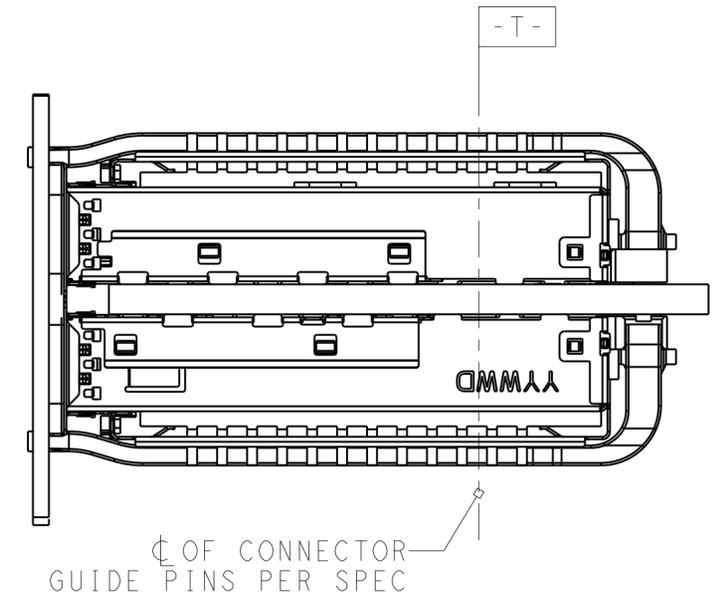
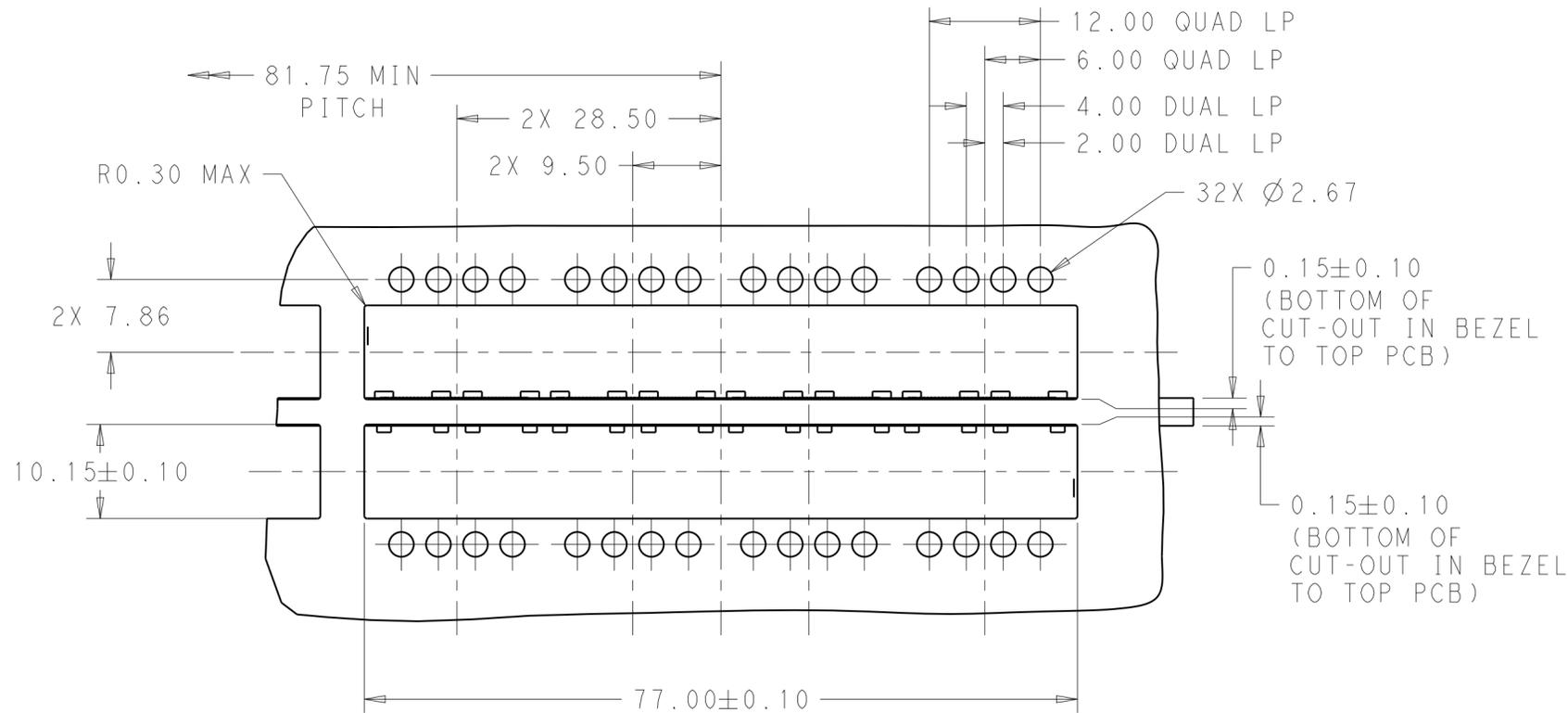
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| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN 20 JUN 2014 JASON YANG | TE Connectivity | |
| DIMENSIONS: mm | | CHK - | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD - | PRODUCT SPEC | |
| 0 PLC ± | | APVD - | APPLICATION SPEC | |
| 1 PLC ±0.25 | | APVD - | WEIGHT | |
| 2 PLC ±0.2 | | APVD - | Customer Drawing | |
| 3 PLC ± | | APVD - | SCALE 3:1 | |
| 4 PLC ± | | APVD - | SHEET 4 OF 9 | |
| ANGLES ± | | APVD - | REV 1 | |
| FINISH | | APVD - | RESTRICTED TO | |
| MATERIAL SEE NOTES | | APVD - | SIZE CAGE CODE DRAWING NO | |
| SEE NOTES | | APVD - | A200779 C-2170785 | |

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| P | LTR | DESCRIPTION | DATE | APVD |
| - | - | SEE SHEET 1 | - | - |



BELLY TO BELLY MOUNTING
SCALE 2:1



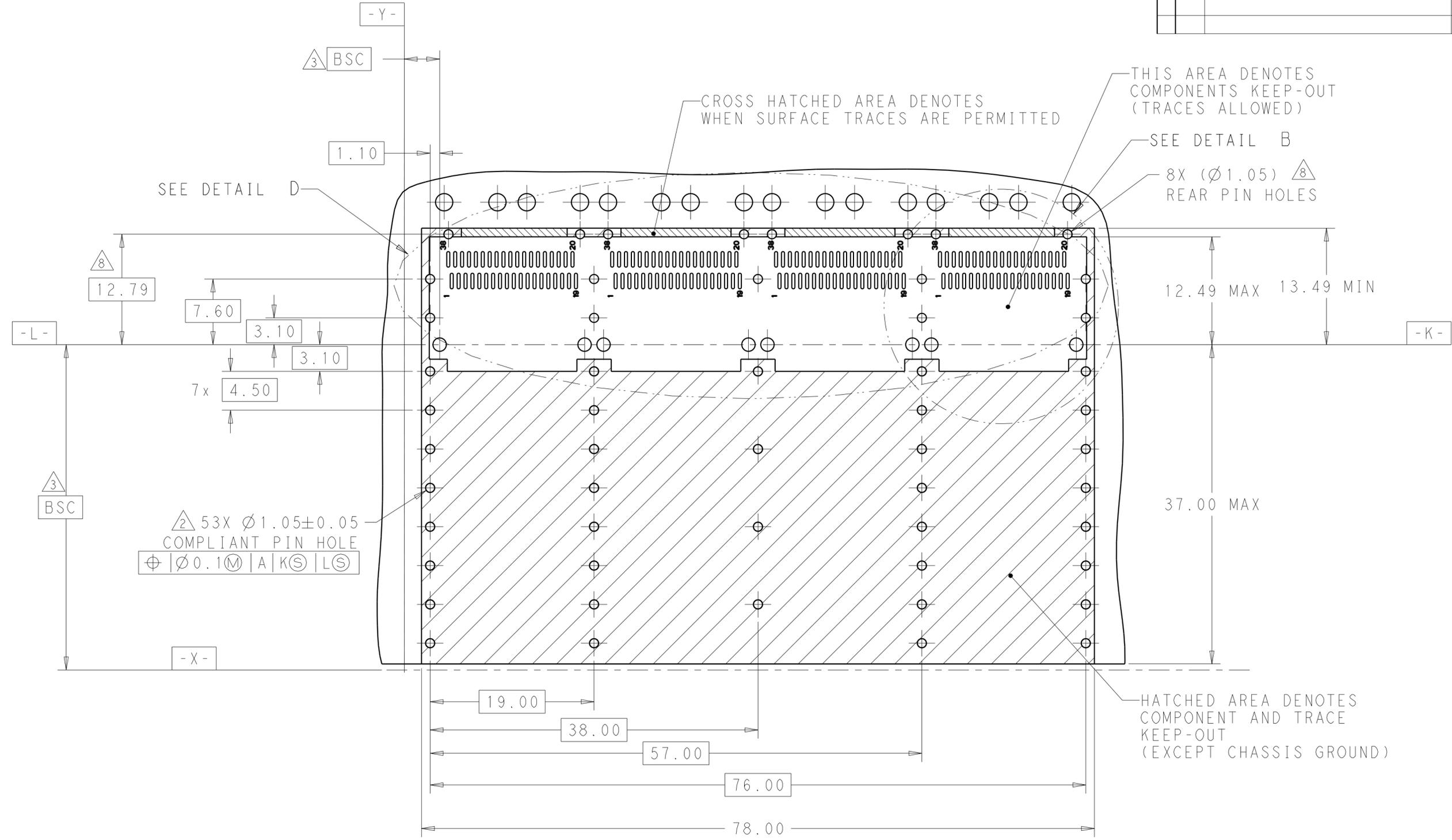
BELLY TO BELLY MOUNTING
SCALE 2:1

PRELIMINARY PART- NOT RELEASED FOR PRODUCTION

| | | | | |
|--|--|-------------------------------|------------------|---|
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| DIMENSIONS: mm | | CHK - | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD - | PRODUCT SPEC | RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X4, QSFP28, GASKET |
| 0 PLC ± | | APVD - | APPLICATION SPEC | SIZE CAGE CODE DRAWING NO |
| 1 PLC ±0.25 | | WEIGHT - | APVD - | A200779 C-2170785 |
| 2 PLC ±0.2 | | Customer Drawing | APVD - | RESTRICTED TO |
| 3 PLC ± | | SCALE 3:1 | APVD - | SHEET 5 OF 9 |
| 4 PLC ± | | | APVD - | REV 1 |
| ANGLES ± | | | | |
| FINISH | | | | |
| MATERIAL SEE NOTES | | | | |
| SEE NOTES | | | | |

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| P | LTR | DESCRIPTION | DATE | APVD |
| - | - | SEE SHEET 1 | - | - |
| | | | | |
| | | | | |



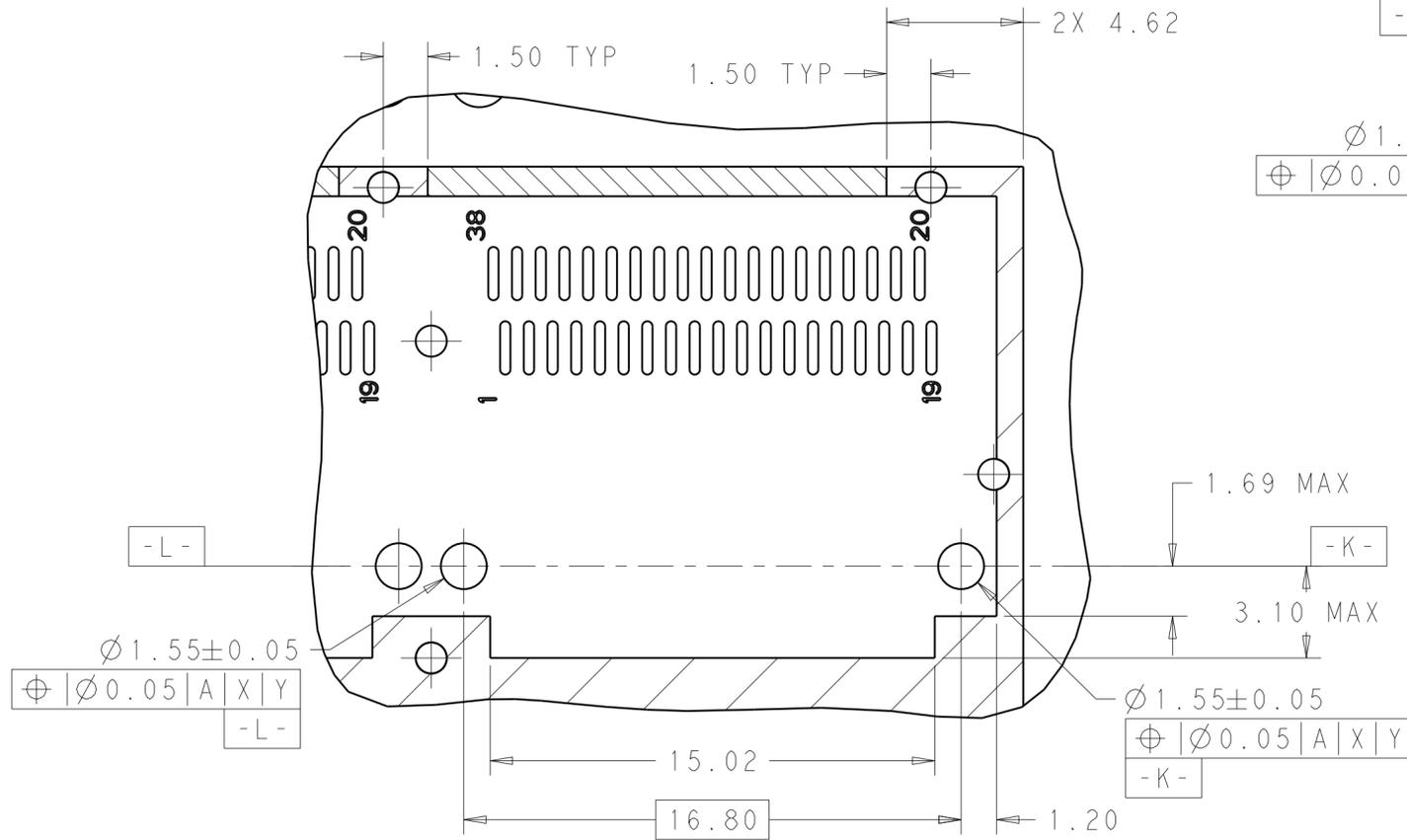
RECOMMENDED PCB LAYOUT
 BELLY TO BELLY TYPE
 PCB TOLERANCE: ±0.05
 SCALE 3:1

PRELIMINARY PART- NOT RELEASED FOR PRODUCTION

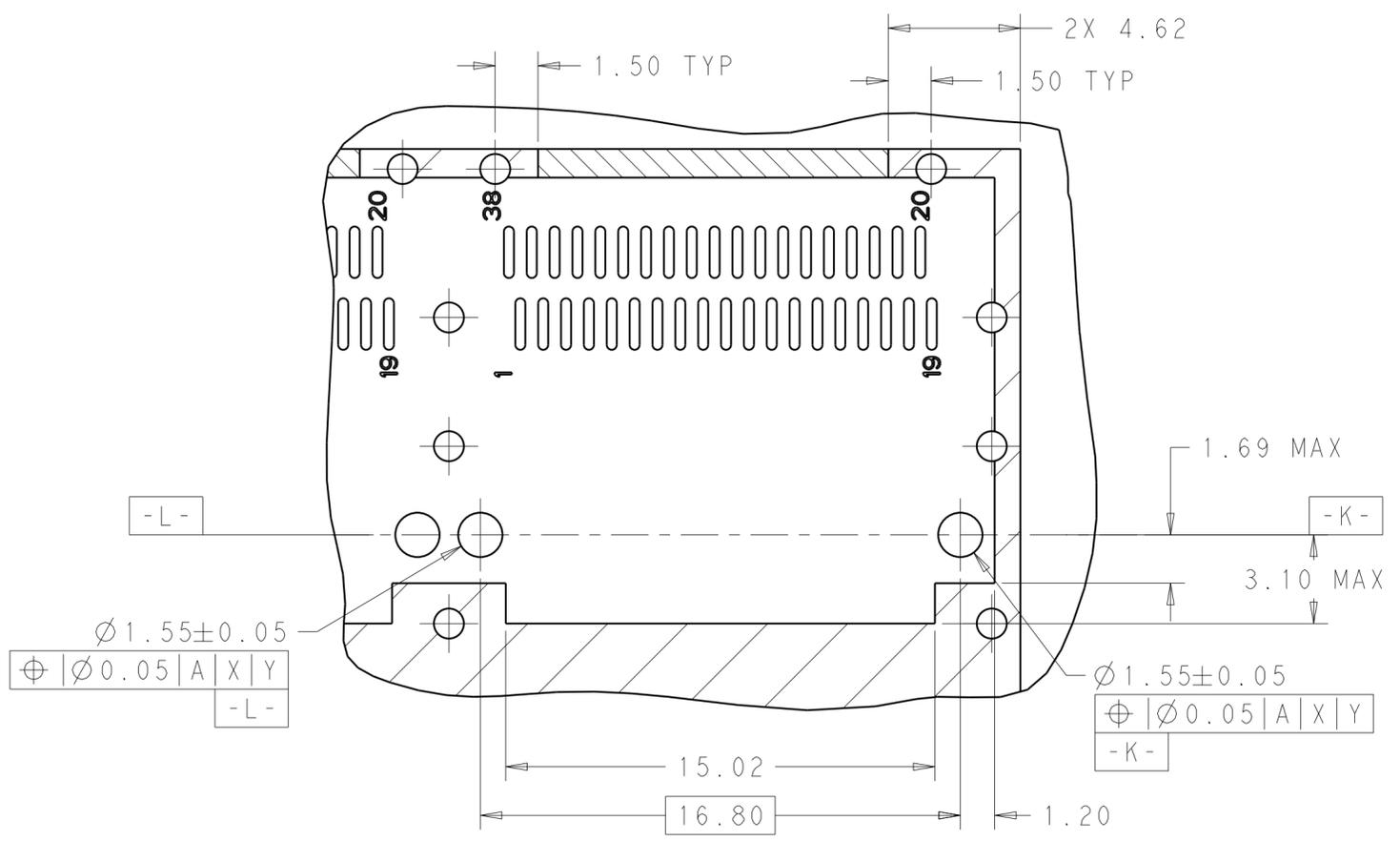
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|--|--|----------------------------------|---|-------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN 20 JUN 2014 JASON YANG |  TE Connectivity | |
| DIMENSIONS: mm | | CHK - | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.25 2 PLC ±0.2 3 PLC ± 4 PLC ± ANGLES ± FINISH | | APVD - | PRODUCT SPEC - | RESTRICTED TO - |
| MATERIAL SEE NOTES | | APPLICATION SPEC - | WEIGHT - | SIZE A200779 |
| | | Customer Drawing | SCALE 3:1 | DRAWING NO C-2170785 |
| | | | SHEET 7 OF 9 | REV 1 |

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| P | LTR | DESCRIPTION | DATE | APVD |
| - | - | SEE SHEET 1 | - | - |
| | | | | |
| | | | | |



DETAIL A
SCALE 6:1



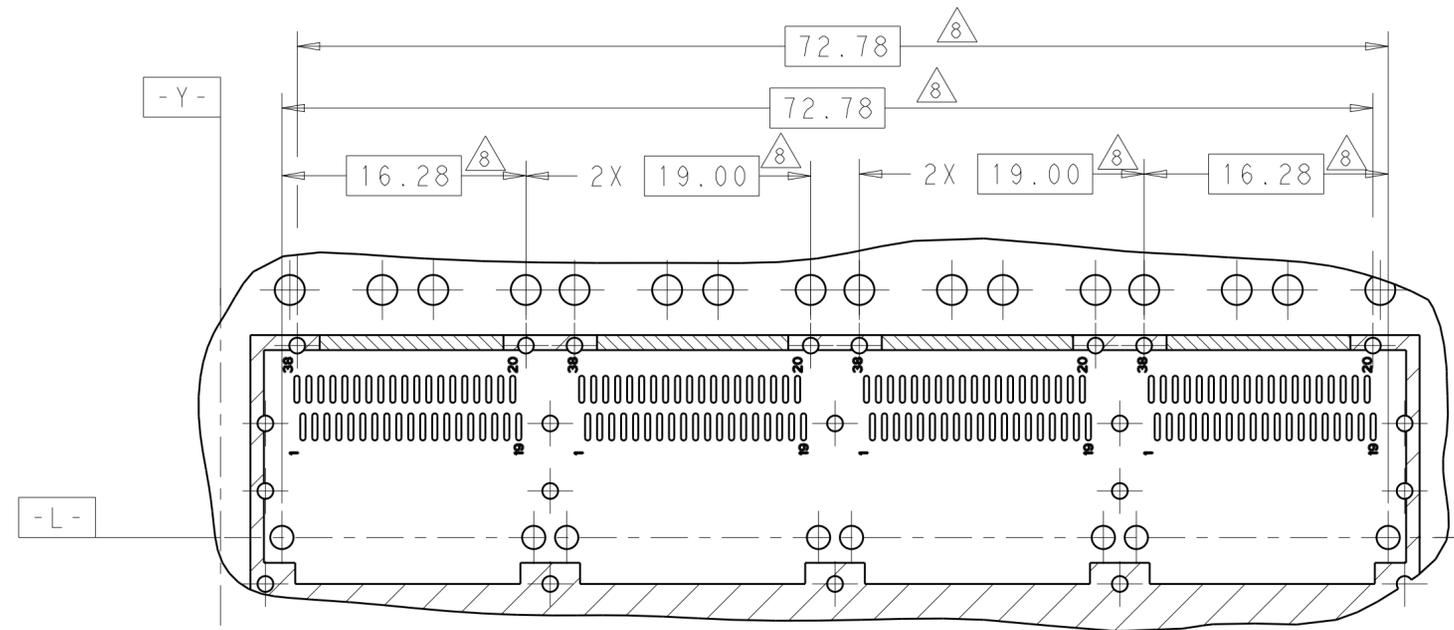
DETAIL B
SCALE 6:1

| | | | |
|--|-------------|-------------------------------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN 20 JUN 2014 JASON YANG | TE Connectivity |
| DIMENSIONS: mm | | CHK - | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD - | NAME |
| 0 PLC ± | 1 PLC ±0.25 | PRODUCT SPEC - | RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X4, QSFP28, GASKET |
| 2 PLC ±0.2 | 3 PLC ± | APPLICATION SPEC - | SIZE CAGE CODE DRAWING NO |
| 4 PLC ± | ANGLES ± | WEIGHT - | A200779 C-2170785 |
| MATERIAL SEE NOTES | | Customer Drawing | RESTRICTED TO |
| FINISH SEE NOTES | | SCALE 3:1 | SHEET 8 OF 9 |
| | | | REV 1 |

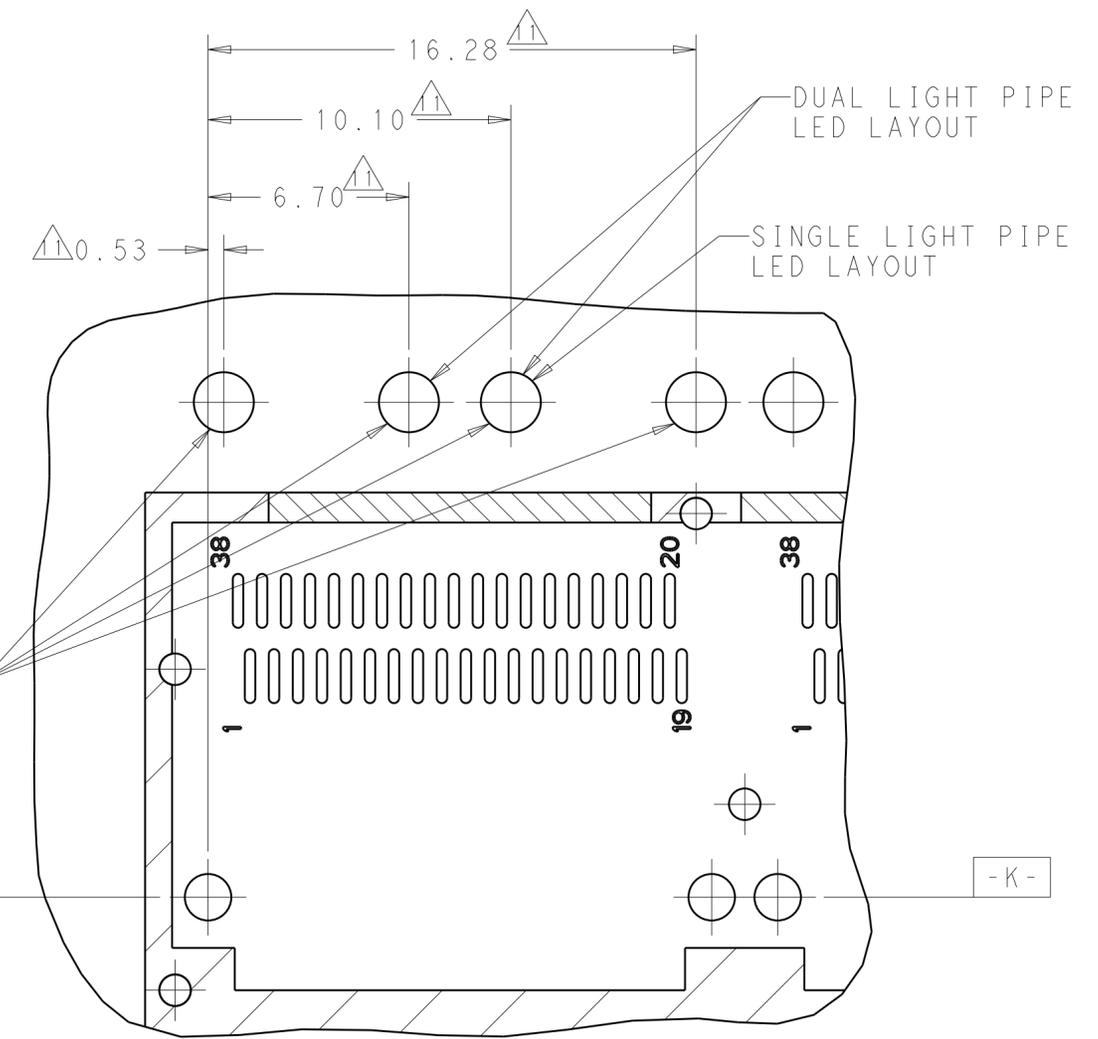
PRELIMINARY PART- NOT RELEASED FOR PRODUCTION

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| REVISIONS | | | | |
|-----------|-----|-------------|------|------|
| P | LTR | DESCRIPTION | DATE | APVD |
| - | | SEE SHEET 1 | - | - |
| | | | | |
| | | | | |



DETAIL D
SCALE 3:1



DETAIL E
SCALE 6:1

| | | | | |
|--|--|-------------------------------|------------------|---|
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| DIMENSIONS: mm | | CHK - | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD - | PRODUCT SPEC | RECEPTACLE CAGE ASSEMBLY WITH HEAT SINKS AND LIGHT PIPES, THRU BEZEL, 1X4, QSFP28, GASKET |
| 0 PLC ± | | APVD - | APPLICATION SPEC | RESTRICTED TO |
| 1 PLC ±0.25 | | WEIGHT - | SIZE | A200779 |
| 2 PLC ±0.2 | | Customer Drawing | CAGE CODE | C-2170785 |
| 3 PLC ± | | SCALE 3:1 | DRAWING NO | SHEET 9 OF 9 |
| 4 PLC ± | | | REV | 1 |
| ANGLES ± | | | | |
| FINISH | | | | |
| MATERIAL SEE NOTES | | | | |
| SEE NOTES | | | | |

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

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moschip.ru_4

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moschip.ru_9