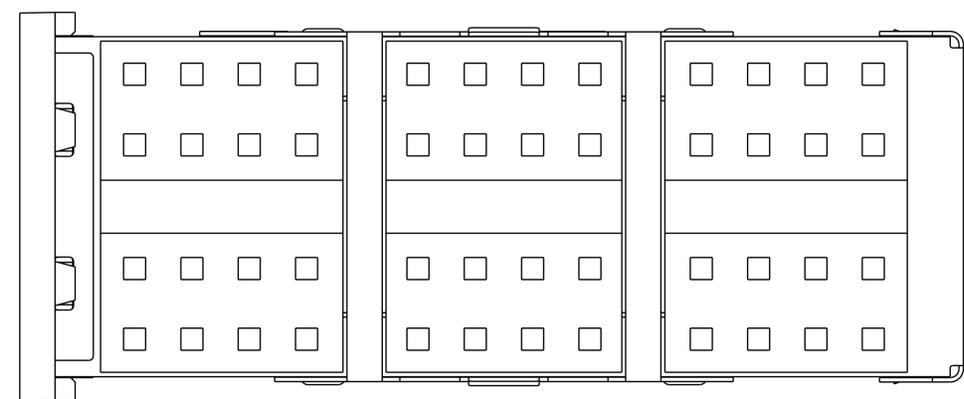
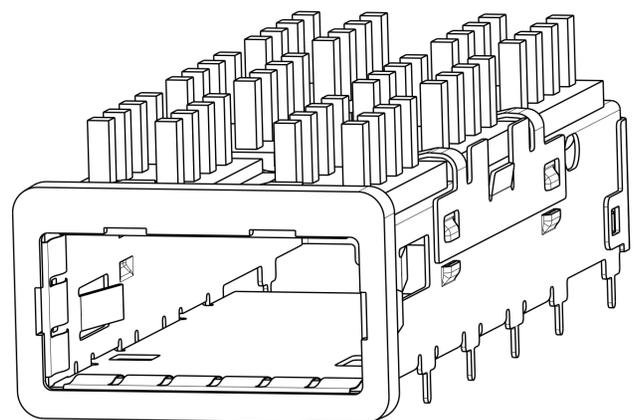
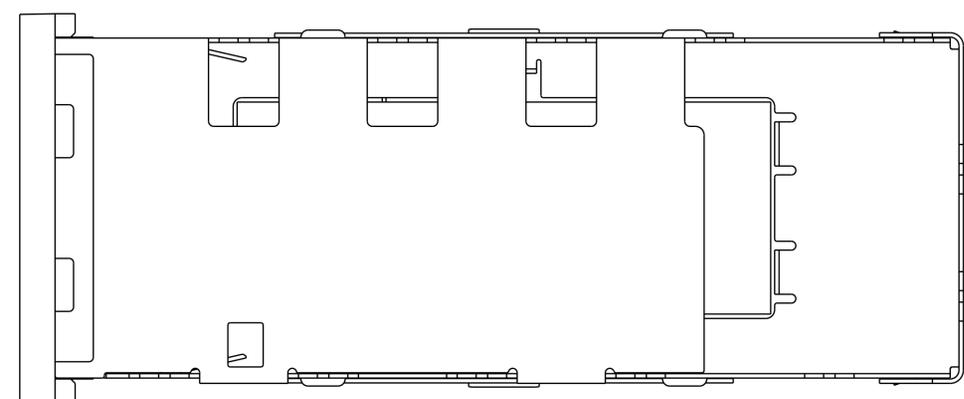
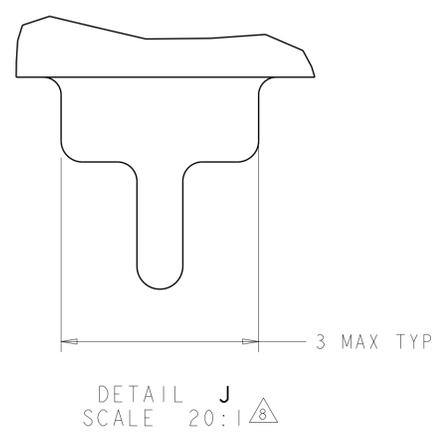
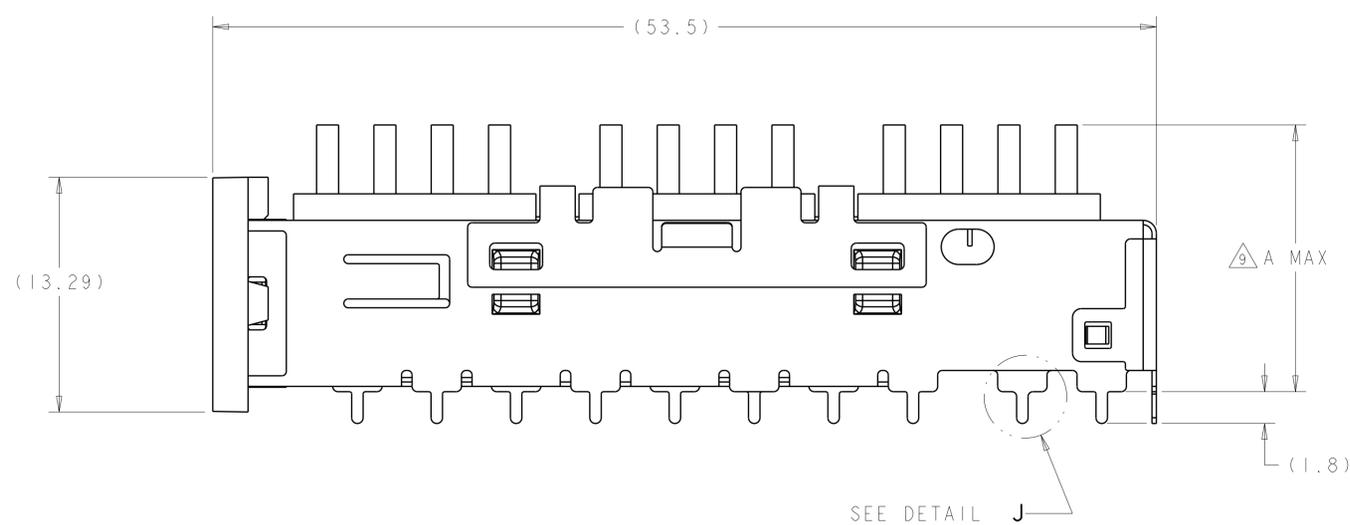
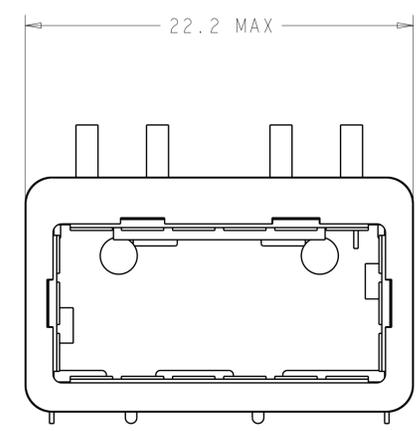


| LOC | DIST | REVISIONS | | | |
|-----|------|-----------|--------------------|-----------|-------|
| GP | 00 | REV | DATE | DWN | APVD |
| | | 1 | PRELIMINARY DESIGN | 22JUN2009 | CR JP |



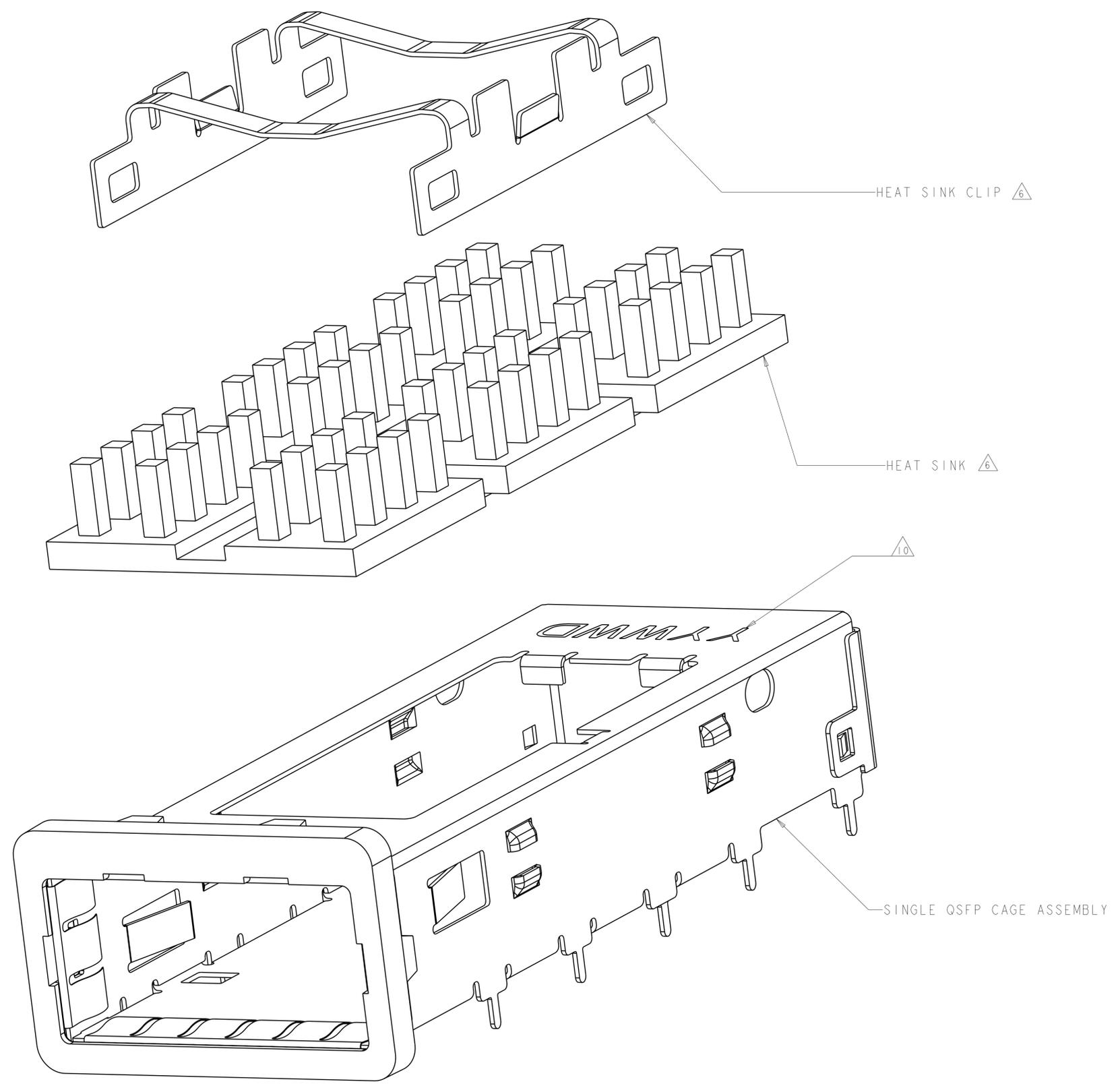
- △ CAGE MATERIAL: NICKEL SILVER, 0.25 THICK
 HEAT SINK MATERIAL: ALUMINUM
 HEAT SINK CLIP MATERIAL: STAINLESS STEEL
 EMI SPRING MATERIAL: COPPER ALLOY
 FRONT FLANGE MATERIAL: ZINC ALLOY
- △ MINIMUM PITCH DIMENSION.
- 3. MATES WITH QSFP MSA COMPATIBLE TRANSCEIVER.
- △ DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- △ DIMENSION C IS THE NOMINAL THICKNESS OF CUSTOMER SUPPLIED PC BOARD, DOUBLE SIDED PC BOARD MINIMUM THICKNESS: 2.2.
- △ HEAT SINK AND CLIP SHIPPED UNATTACHED, MUST BE ASSEMBLED BY CUSTOMER AFTER THE CAGE IS SOLDERED ONTO THE PCB.
- △ DATUM -A- IS TOP SURFACE OF HOST BOARD.
- △ SURFACE TRACES PERMITTED WITHIN THIS AREA EXCEPT WHERE CAGE STANDOFFS, SHOWN IN DETAIL J, CONTACT PC BOARD.
- △ DIMENSION APPLIES WITH MODULE INSTALLED IN THE CAGE.
- △ DATE CODE (YYWWD) MARKED ON TOP OF CAGE AND CONCEALED BY HEAT SINK APPLIES TO CAGE ASSEMBLY ONLY.
- △ EMI SPRING FINISH: 2µm MIN TIN.
 FRONT FLANGE FINISH: 3µm MIN TIN OVER 1.27µm MIN NICKEL OVER 5.08µm MIN COPPER.
 HEAT SINK FINISH: 0.076µm MIN NICKEL.
- 12. PRODUCT HAS NOT COMPLETED QUALIFICATION TESTING.



| 23.0 | NETWORKING HEAT SINK | 2110753-3 |
|------|-----------------------|-------------|
| 16.0 | SAN HEAT SINK (SHOWN) | 2110753-2 |
| 13.7 | PCI HEAT SINK | 2110753-1 |
| A | DESCRIPTION | PART NUMBER |

| | | | | | | | |
|-----------------------|--|--|--|---|--|--|--|
| DIMENSIONS: mm | | TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.5 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.001 ANGLES ° | | DWN C. ROHLER 22JUN2009 CHK J. PETERSON 22JUN2009 APVD J. PETERSON 22JUN2009 NAME J. PETERSON PRODUCT SPEC 108-2286 APPLICATION SPEC WEIGHT CUSTOMER DRAWING | | Tyco Electronics Harrisburg, PA 17105-3608 CAGE ASSEMBLY, BEHIND BEZEL QSFP, SOLDER, WITH HEAT SINK SIZE CAGE CODE DRAWING NO A100779C=2110753 SCALE 5:1 SHEET 1 OF 5 REV 1 | |
|-----------------------|--|--|--|---|--|--|--|

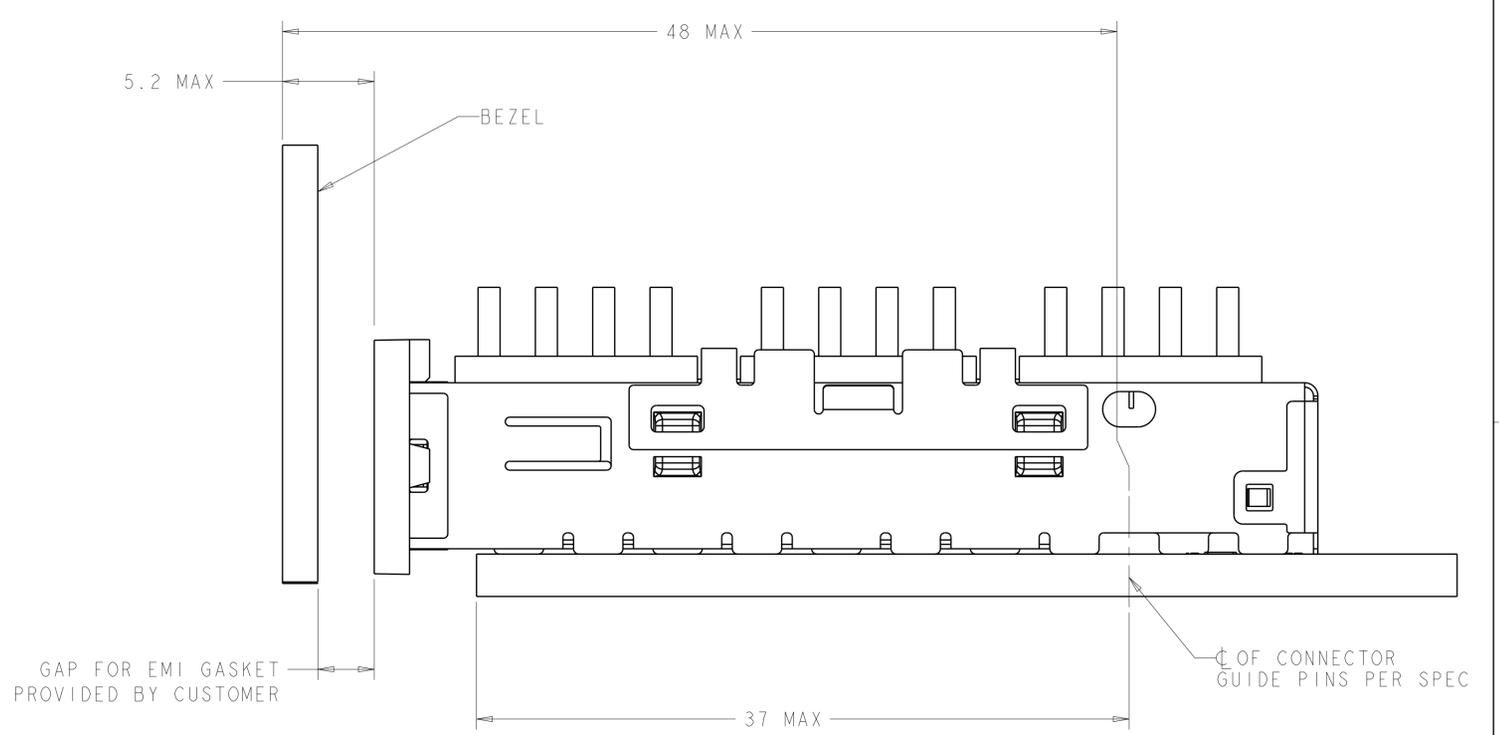
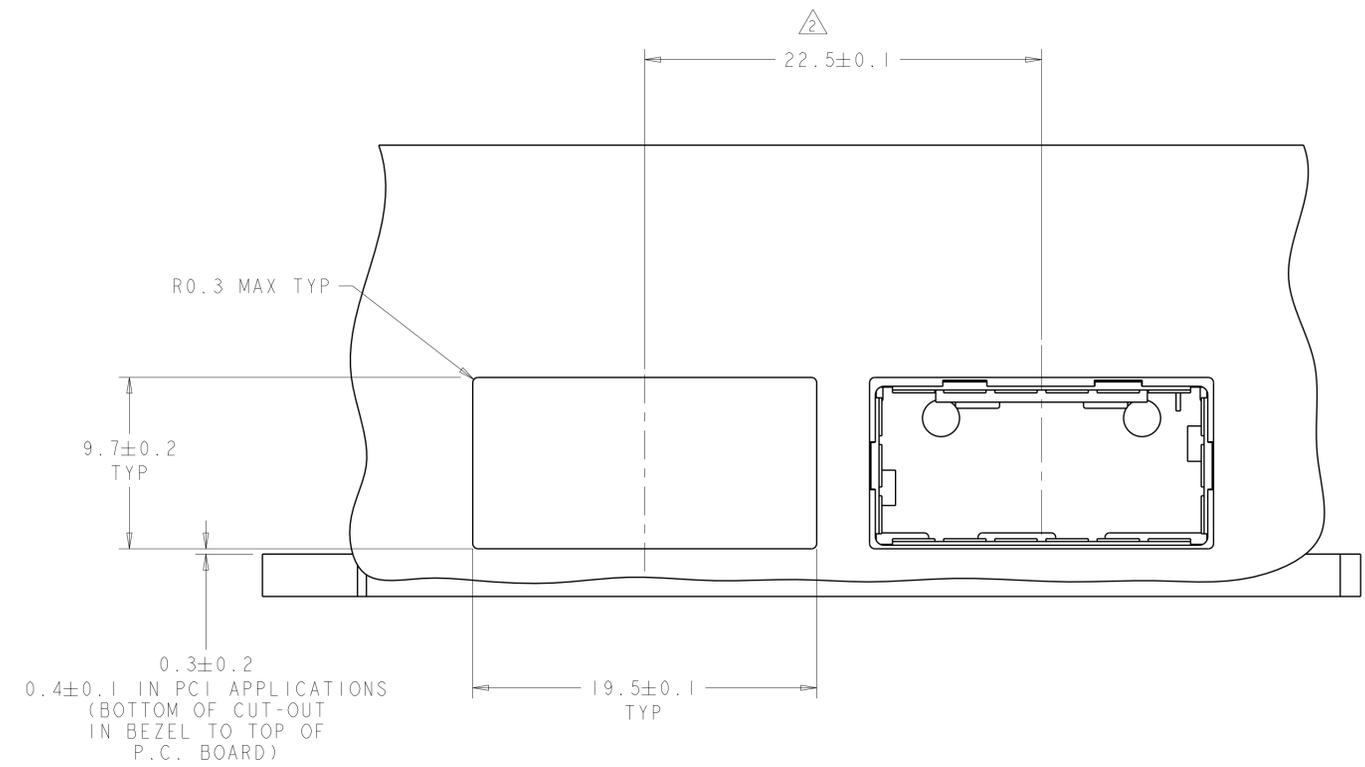
| LOC | DIST | REVISIONS | | | |
|-----|------|-------------|------|-----|------|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| GP | 00 | SEE SHEET 1 | - | - | - |
| | | | | | |
| | | | | | |



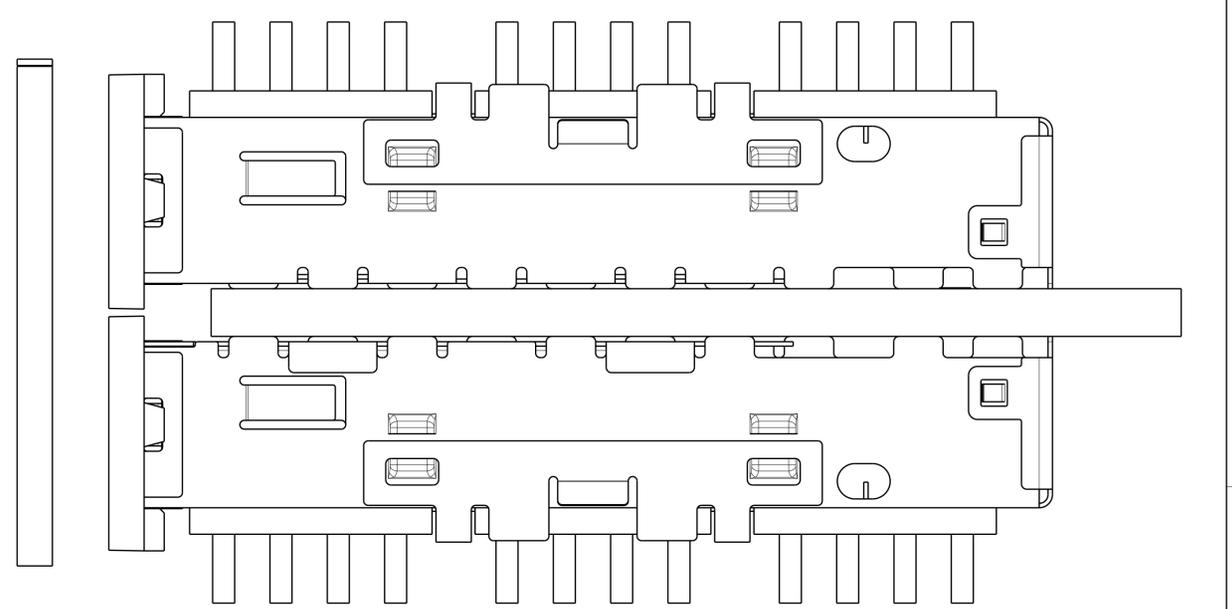
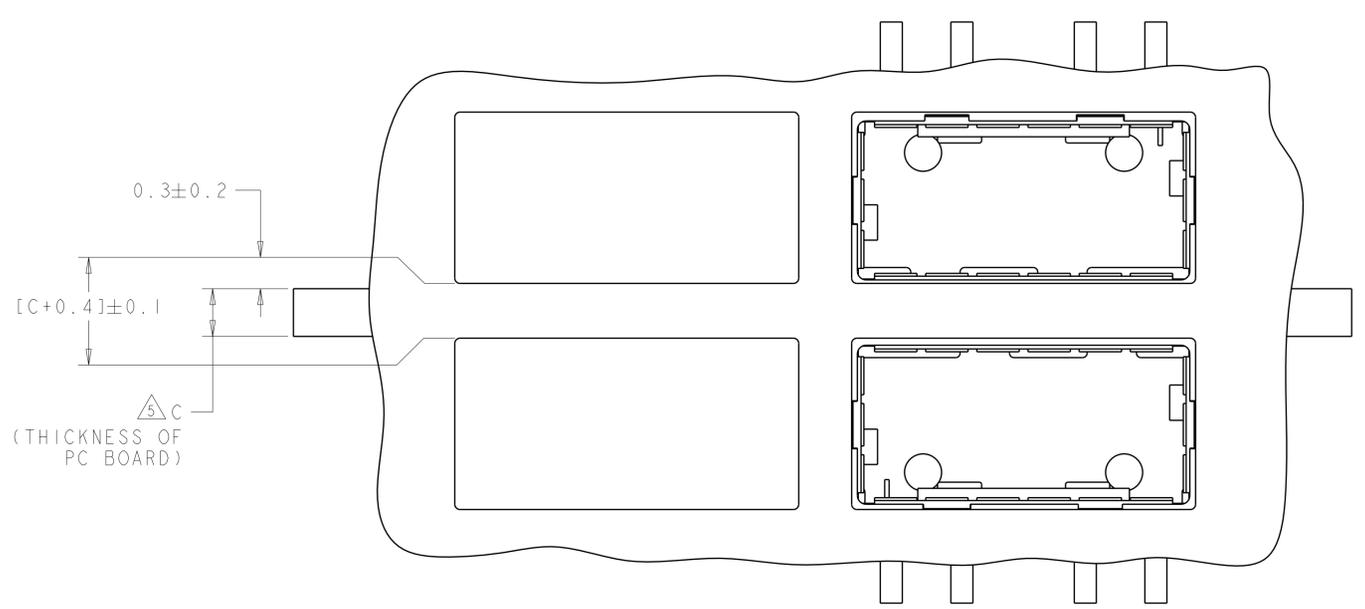
EXPLODED VIEW
 SCALE 8:1

| | | | |
|---|---|---|--|
| <small>THE DIMENSIONS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT NOTICE. THE DIMENSIONS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT NOTICE. THE DIMENSIONS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT NOTICE.</small> | | DWN: C. ROHLER 22JUN2009 CHK: J. PETERSON 22JUN2009 APVD: J. PETERSON 22JUN2009 | Tyco Electronics Harrisburg, PA 17105-3608 |
| DIMENSIONS: mm | TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.5 1 PLC ±0.13 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.001 ANGLES ±.001 | NAME: CAGE ASSEMBLY, BEHIND BEZEL QSPF, SOLDER, WITH HEAT SINK PRODUCT SPEC: 108-2286 APPLICATION SPEC: | SIZE: A CAGE CODE: 00779 DRAWING NO: C=2110753 |
| MATERIAL: - | FINISH: - | WEIGHT: - | RESTRICTED TO: - |
| CUSTOMER DRAWING | | SCALE: 5:1 | SHEET 2 OF 5 REV 1 |

| LOC | DIST | REV | DATE | BY | APPD | |
|-----------|------|-----|-------------|------|------|------|
| GP | 00 | | | | | |
| REVISIONS | | | DESCRIPTION | DATE | DWN | APPD |
| | | | SEE SHEET 1 | | | |



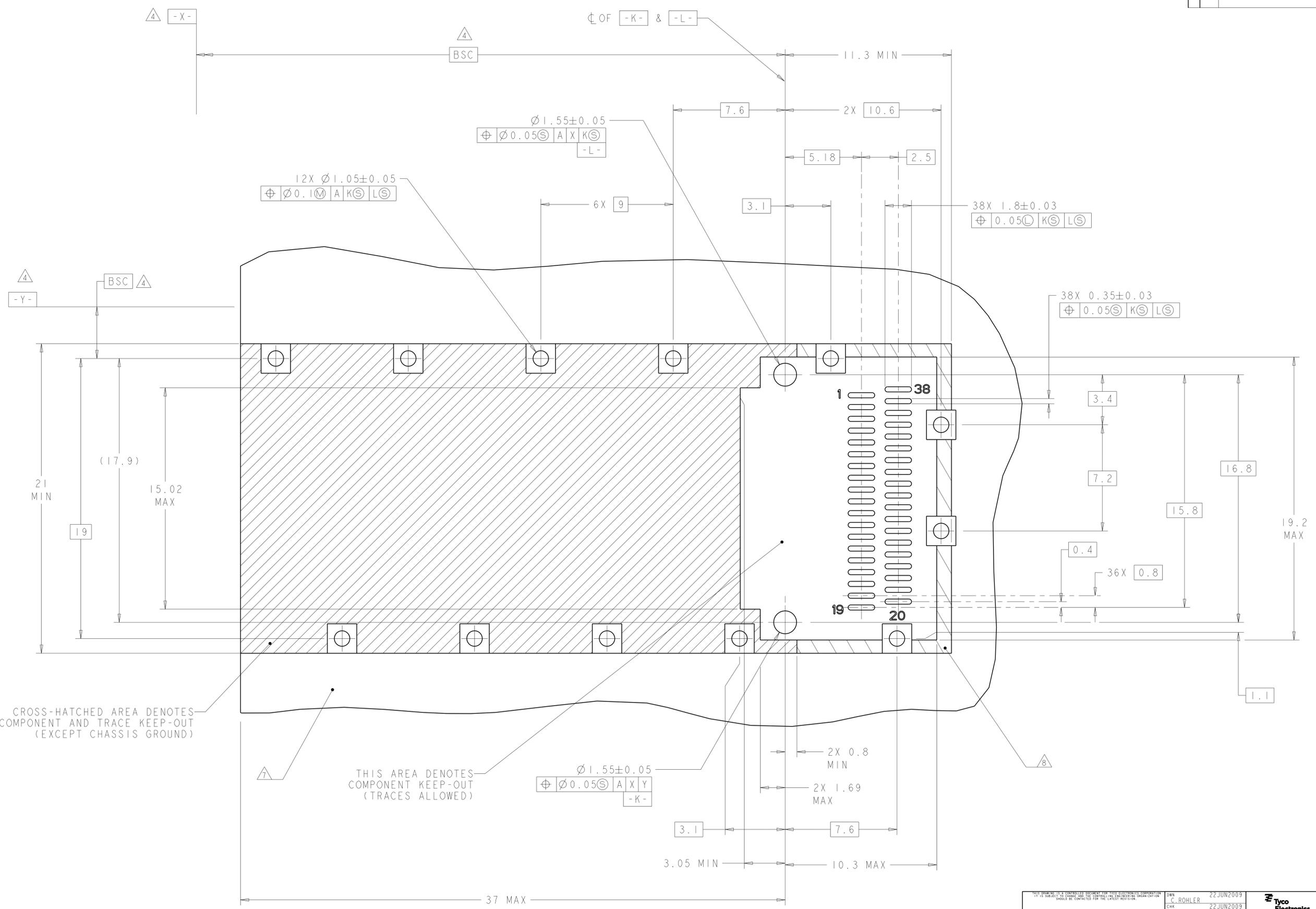
ONE SIDED CONFIGURATION



BELLY TO BELLY CONFIGURATION
 SIMILAR TO ONE SIDED EXCEPT
 WHERE NOTED

| | | | | | | | |
|-----------------------|--|--|--|--|--|--|--|
| DIMENSIONS: mm | | TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.5 1 PLC ±0.13 5 PLC ±0.013 4 PLC ±0.0001 ANGLES ±. | | DWN C. ROHLER 22JUN2009 CHK J. PETERSON 22JUN2009 APVD J. PETERSON 22JUN2009 NAME PRODUCT SPEC APPLICATION SPEC WEIGHT CUSTOMER DRAWING | | Tyco Electronics Harrisburg, PA 17105-3608 CAGE ASSEMBLY, BEHIND BEZEL QSFP, SOLDER, WITH HEAT SINK SIZE CAGE CODE DRAWING NO A100779C=2110753 RESTRICTED TO | |
| MATERIAL | | FINISH | | SCALE 5:1 | | SHEET 3 OF 5 | |

| LOC | DIST | REV | DATE | BY | APPD |
|-------------|------|-----|------|-----|------|
| GP | 00 | | | | |
| DESCRIPTION | | | DATE | DWN | APPD |
| SEE SHEET 1 | | | | | |



CROSS-HATCHED AREA DENOTES
 COMPONENT AND TRACE KEEP-OUT
 (EXCEPT CHASSIS GROUND)

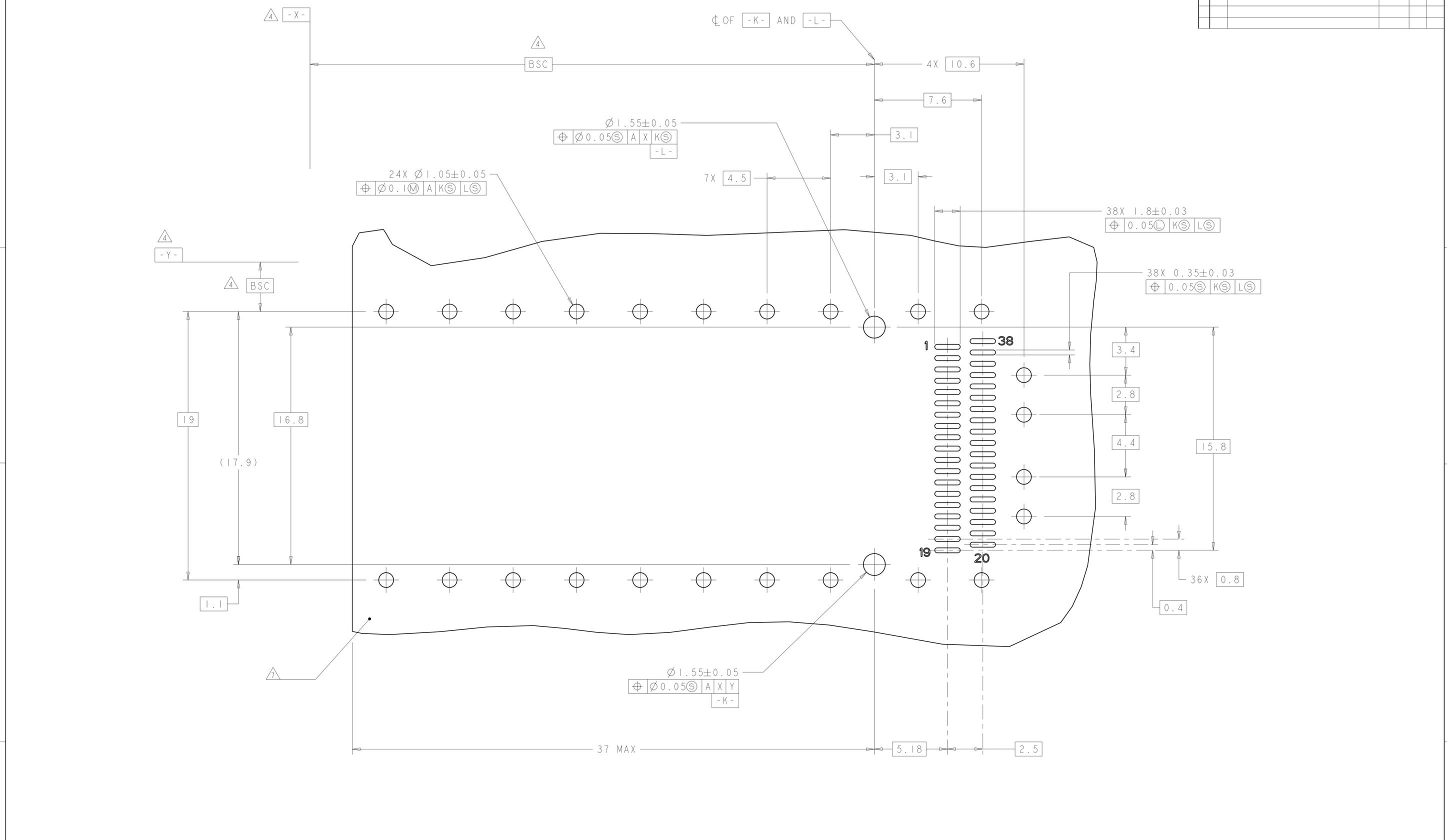
THIS AREA DENOTES
 COMPONENT KEEP-OUT
 (TRACES ALLOWED)

Ø 1.55±0.05
 ⊕ Ø 0.05Ⓢ | A X Y
 - K -

RECOMMENDED PCB LAYOUT
 SINGLE SIDED CONFIGURATION
 SCALE 8:1

| | | | |
|--|--|--|---|
| <small>THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.</small> <small>THIS IS SUBJECT TO CHANGE WITHOUT NOTICE AND WITHOUT OBLIGATION. SHOULD BE CONTACTED FOR THE LATEST REVISION.</small> | | DWN: C. ROHLER 22JUN2009 CHK: J. PETERSON 22JUN2009 APPD: J. PETERSON 22JUN2009 | Tyco Electronics Harrisburg, PA 17105-3608 |
| DIMENSIONS: mm | TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±.5 2 PLC ±0.13 5 PLC ±0.013 4 PLC ±0.0001 ANGLES ±. | NAME: CAGE ASSEMBLY, BEHIND BEZEL OSFP, SOLDER, WITH HEAT SINK PRODUCT SPEC: 108-2286 APPLICATION SPEC: | SIZE: A CAGE CODE: 100779 DRAWING NO: C=2110753 RESTRICTED TO: |
| MATERIAL: - | FINISH: - | WEIGHT: - | SCALE: 5:1 SHEET 4 OF 5 REV 1 |
| CUSTOMER DRAWING | | | |

| LOC | DIST | REVISIONS | | | |
|-----|------|-----------|-------------|----|------|
| GP | 00 | REV | DATE | BY | APPD |
| | | 1 | SEE SHEET 1 | | |



RECOMMENDED PCB LAYOUT
 BELLY TO BELLY CONFIGURATION
 SEE SHEET 4 FOR KEEP OUT AREAS
 SCALE 8:1

| | | | |
|---|--|---|--|
| <small>THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.</small> <small>THIS IS SUBJECT TO CHANGE WITHOUT NOTICE AND WITHOUT OBLIGATION. TOLERANCES UNLESS OTHERWISE SPECIFIED: DIMENSIONS IN MILLIMETERS.</small> | | DWN: C. ROHLER 22JUN2009 CHK: J. PETERSON 22JUN2009 APVD: J. PETERSON 22JUN2009 | Tyco Electronics Harrisburg, PA 17105-3608 |
| DIMENSIONS: mm | TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ±0.5 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.001 ANGLES ±0.001 | NAME: J. PETERSON PRODUCT SPEC: 108-2286 APPLICATION SPEC: | SIZE: A CAGE CODE: 00779 DRAWING NO: C=2110753 |
| MATERIAL: - | FINISH: - | WEIGHT: - | RESTRICTED TO: - |
| CUSTOMER DRAWING | | SCALE: 5:1 | SHEET 5 OF 5 REV 1 |

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

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