

| REVISIONS | | | | |
|-----------|---------|---------------------------|----------|----------|
| REV. | ECN/E-R | DESCRIPTION | DATE | APPROVED |
| A | | PROPOSAL | MAR26/09 | |
| B | | UPDATED | JUL14/09 | |
| C | | B-B APPLICATION SPECIFIED | AUG14/09 | |

MATERIAL:

CAGE:
COPPER ALLOY

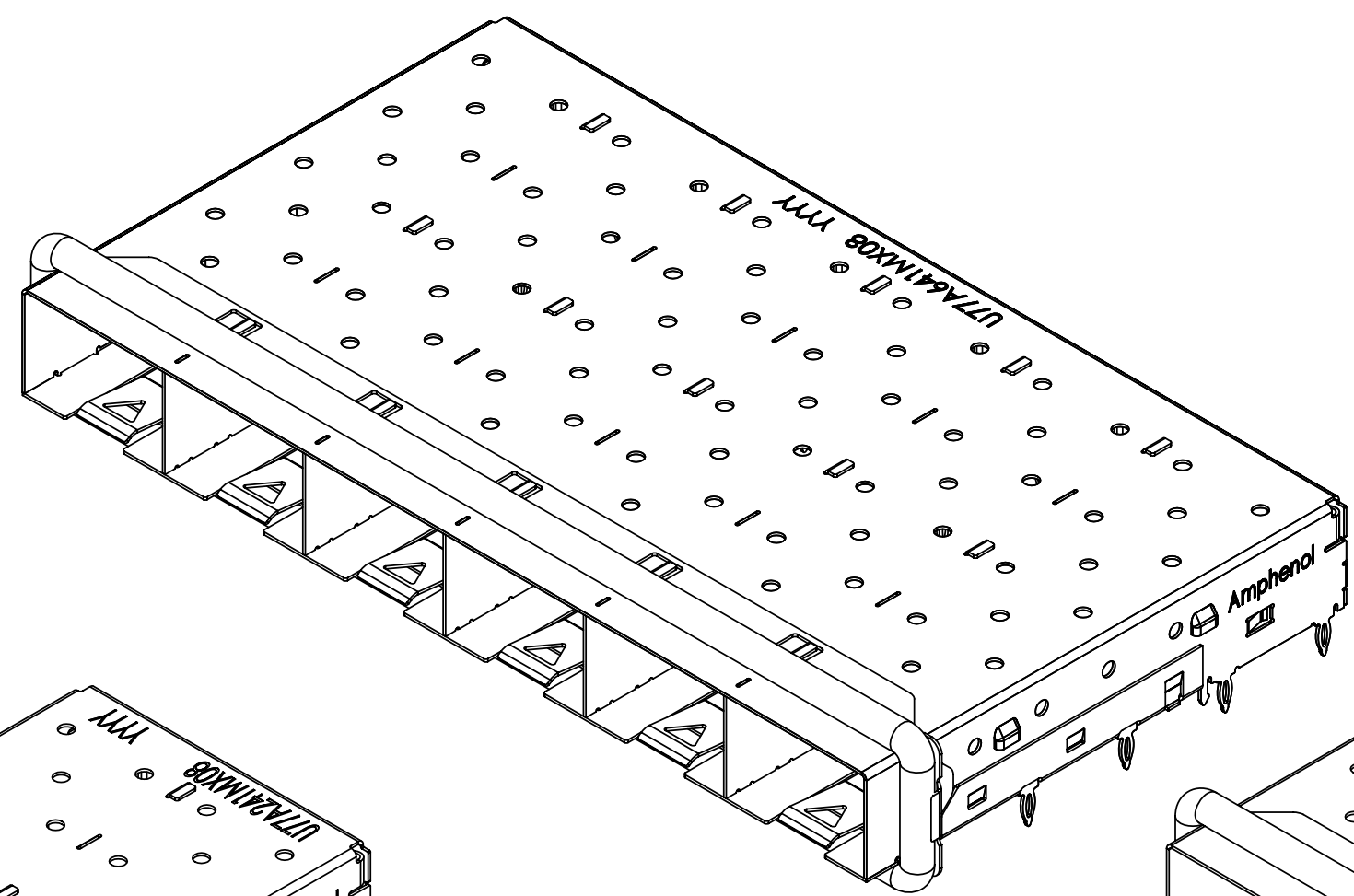
PLATING OPTION X=2:
2.54um MIN. NICKEL

PLATING OPTION X=3:
3.81um MIN. MATTE TIN
OVER 1.27um MIN. NICKEL.

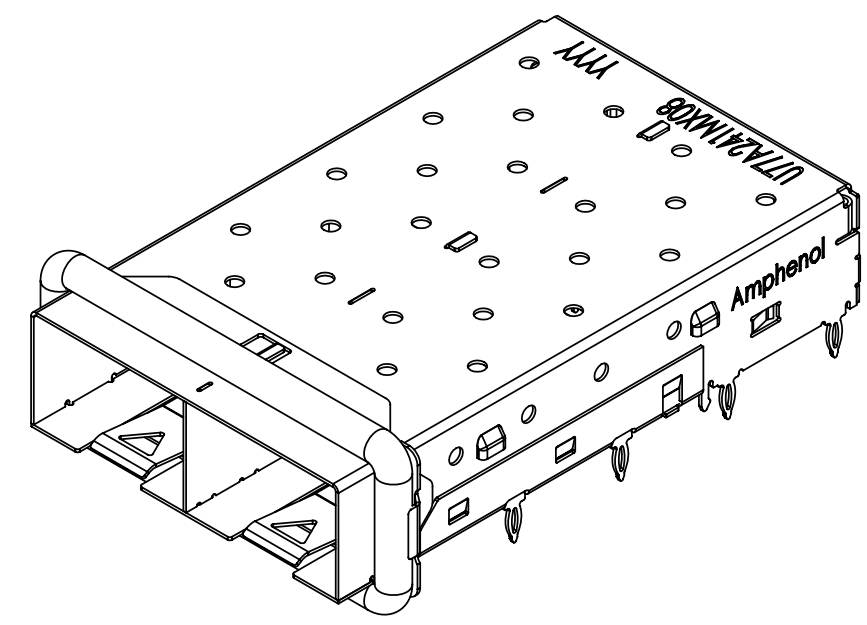
GASKET:
CONDUCTIVE ELASTOMER
FLAMMABILITY RATING
UL94-V0

PACKAGING:
TRAY PACKAGING

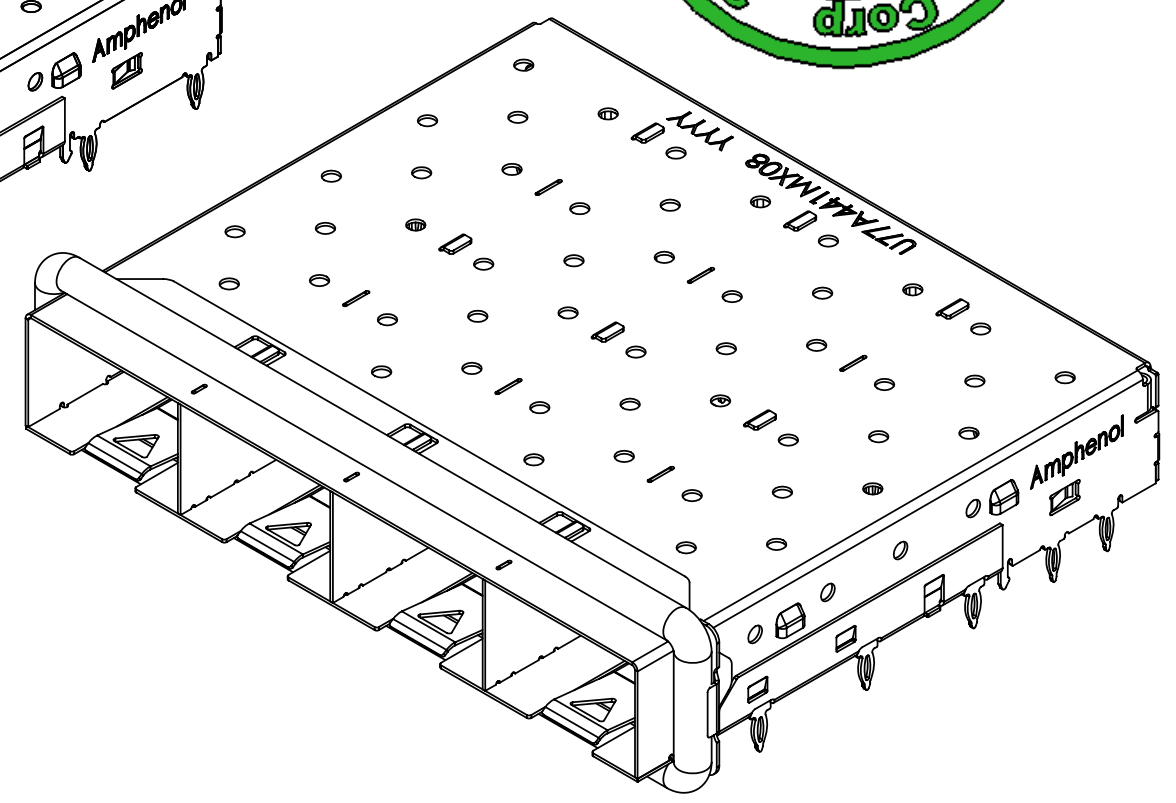
TEMPERATURE RANGE:
-40C TO +85C



P/N: U77-A641M-X081 SHOWN



P/N: U77-A241M-X081 SHOWN



P/N: U77-A441M-X081 SHOWN

AMPHENOL PART NUMBER CONFIGURATION

U77 - A X 4 1 M - X 0 8 1

- PACKAGING
1 = TRAY PACKAGING
- PLATING
2 = NICKEL PLATING
3 = MATTE TIN PLATING
- NUMBER OF PORTS
2 = 2 PORTS
4 = 4 PORTS
6 = 6 PORTS

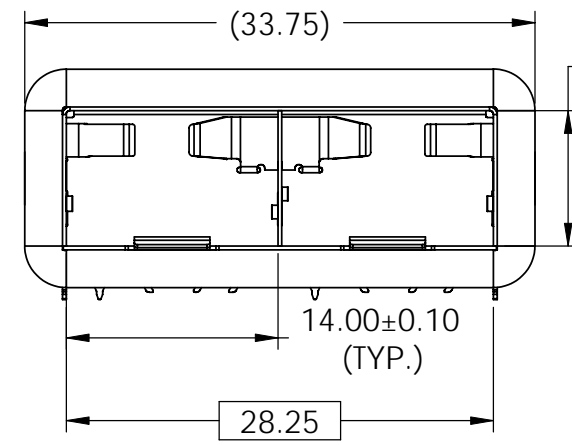
NOTE:
PRODUCT COMPLIES WITH SFF 8433 SPEC.

DO NOT SCALE DRAWING

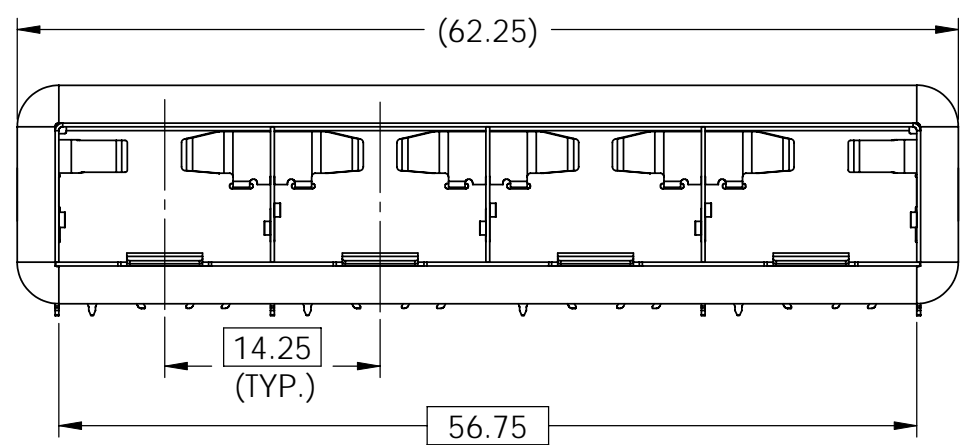
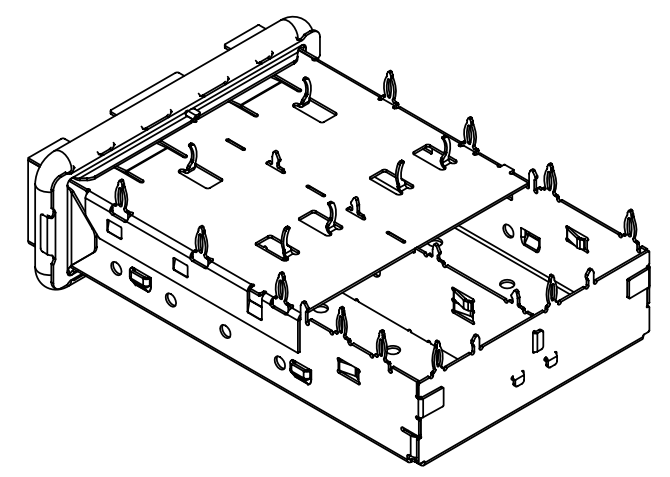
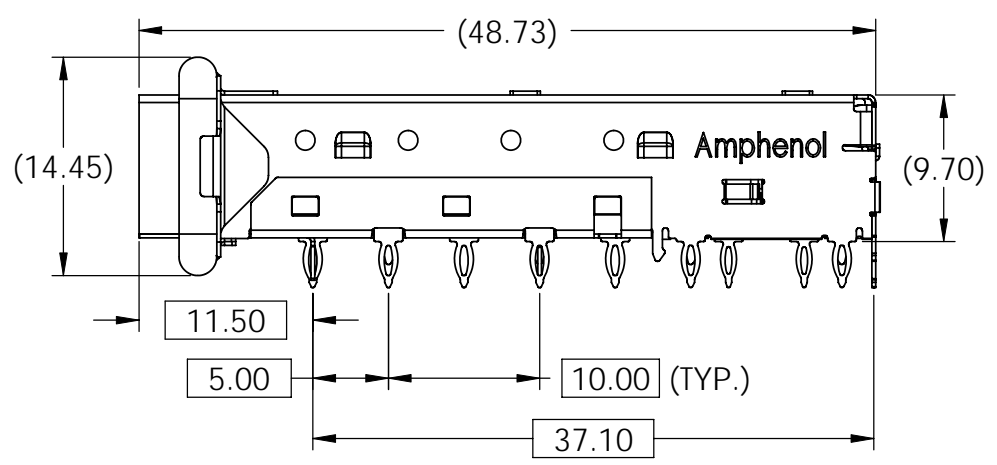
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| | | | | | | |
|--|----------------|------------------|--------------|----------|--|-----------------------------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: | | APPROVALS | | DATE | Amphenol Canada Corp. | |
| DECIMALS X.X ± 0.38 X.XX ± 0.25 | ANGLES ± 1° | DRAWN ChigowX | DESIGNED | MAR04/09 | TITLE | |
| MATERIAL AND FINISH SEE NOTE 1 | | CHECKED J.SI | QA APPD | MAR26/09 | 1XN SFP+ CAGE ASSEMBLY WITH ELASTOMERIC GASKET | |
| REF. | IE APPD | DWG APPD A.G. | SCALE 2:1 | PROJECT | SIZE A3 | DWG. NO P-U77-AX41M-X081 |
| CODE IDENT. NO 03554 | | | | | REV. C | SHEET 1 OF 10 |

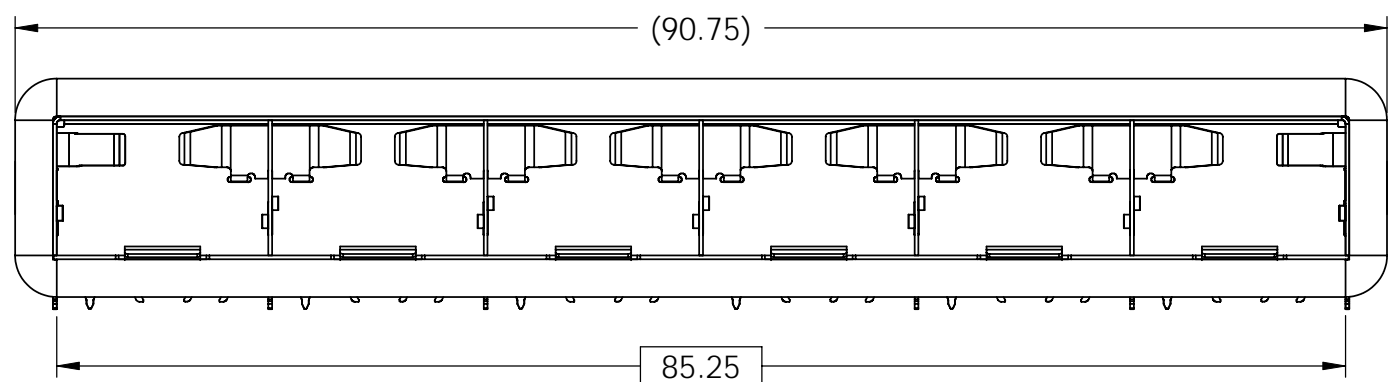
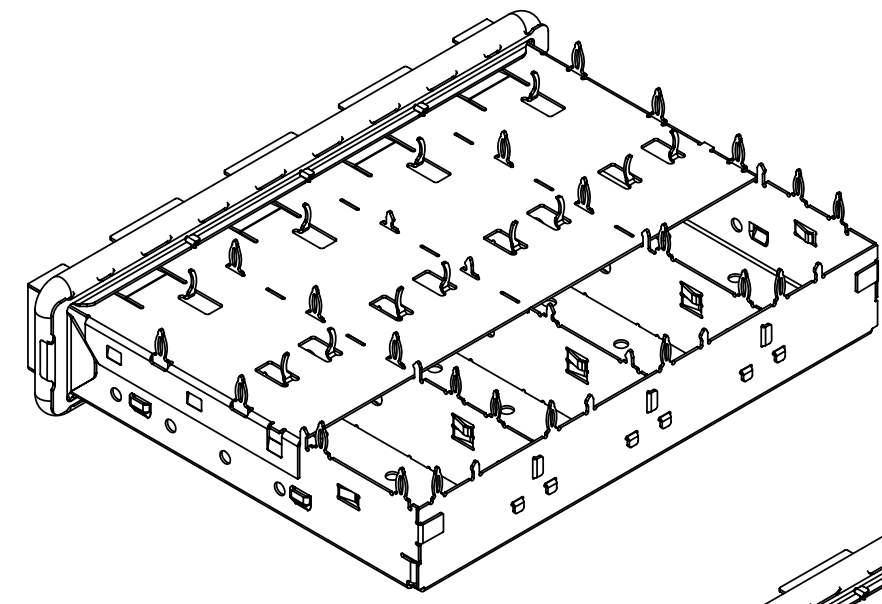
| REVISIONS | | | | |
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| C | | B-B APPLICATION SPECIFIED | AUG14/09 | |



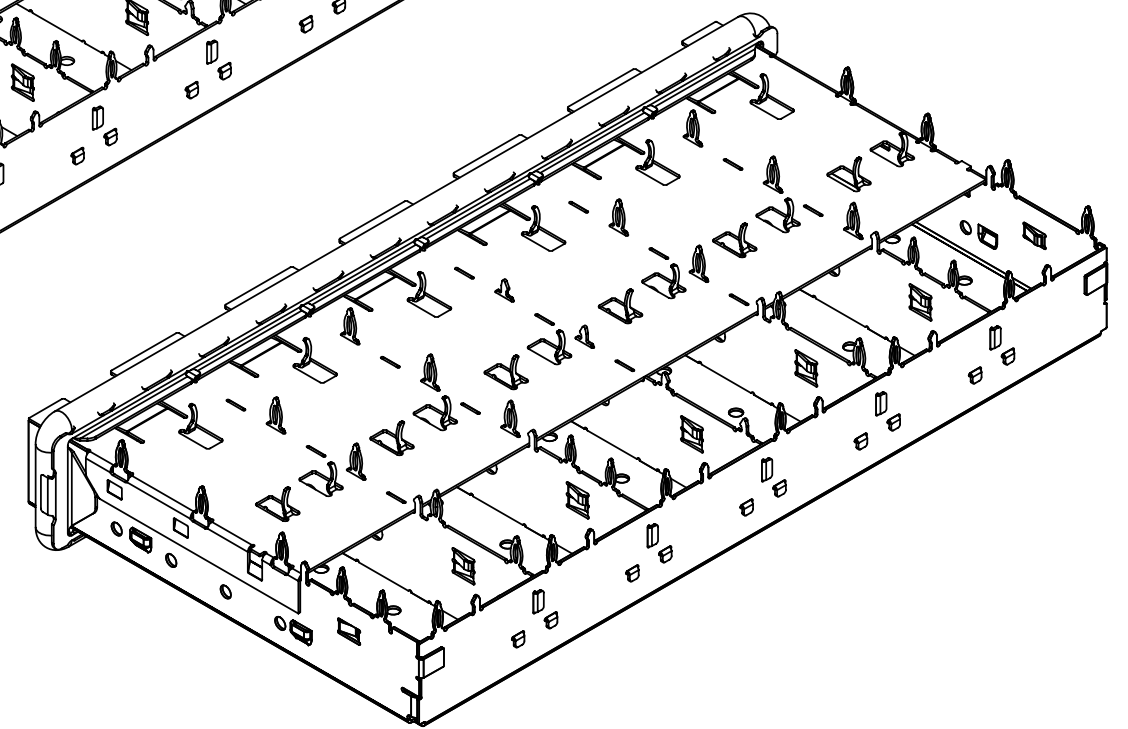
U77-A241M-X081



U77-A441M-X081



U77-A641M-X081



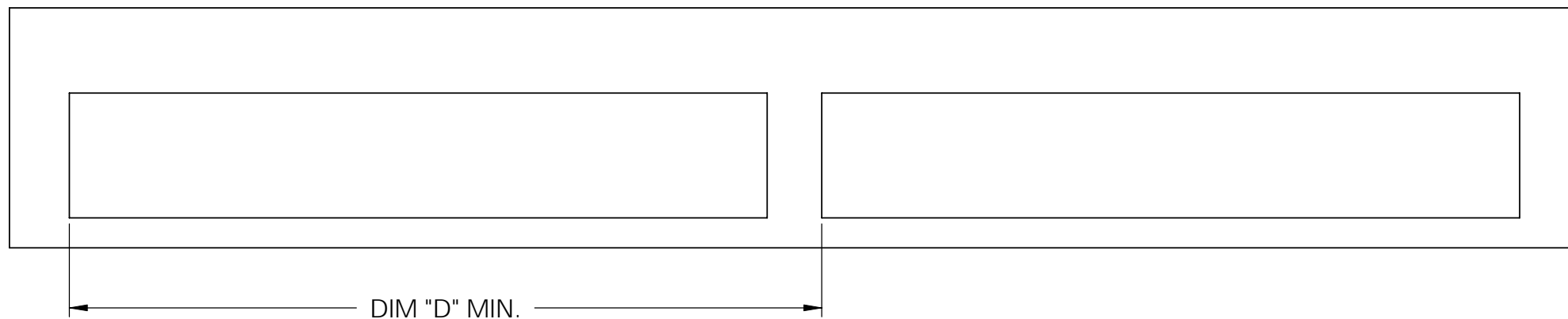
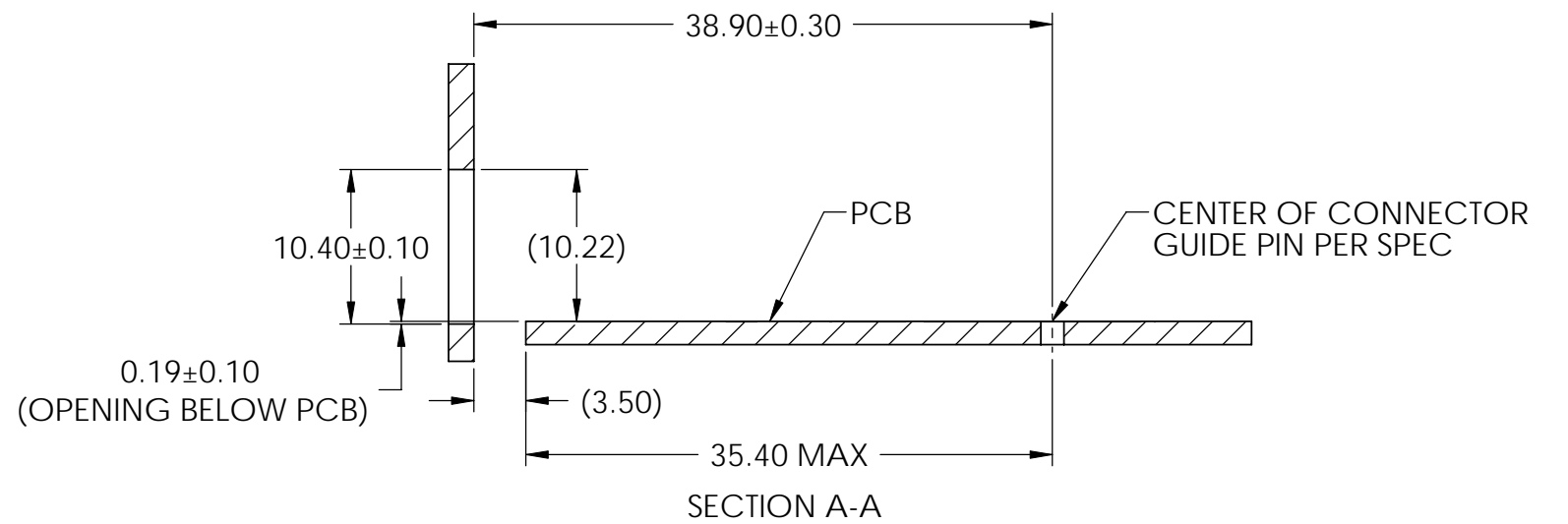
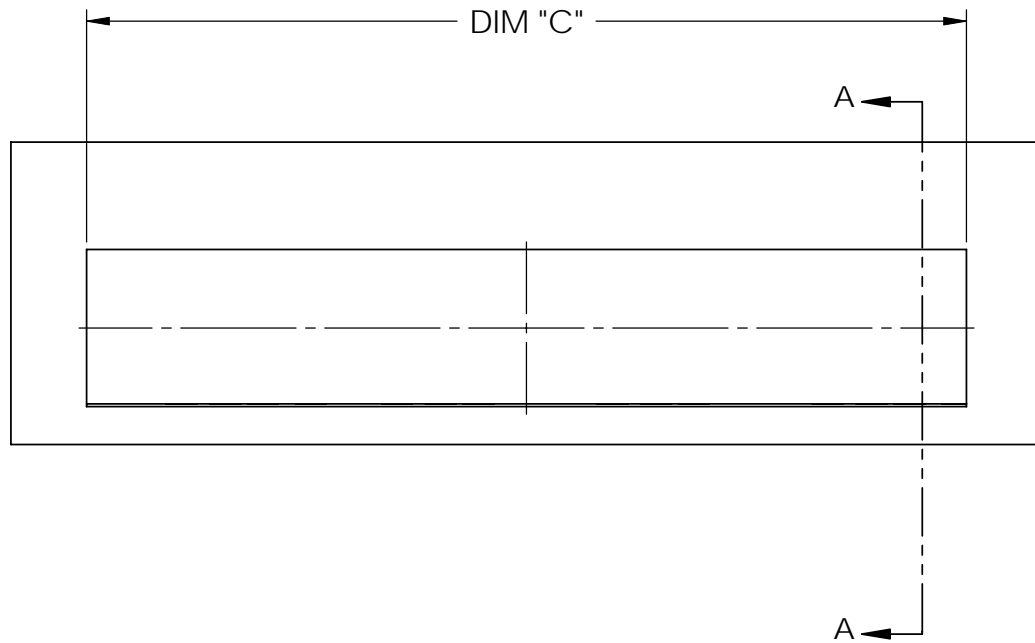
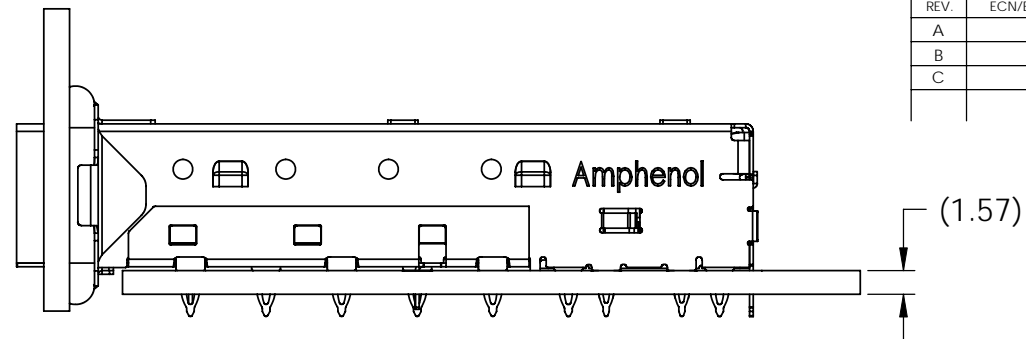
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| MATERIAL AND FINISH SEE NOTE 1 | | CHECKED J.SI | QA APPD | MAR26/09 | | 1XN SFP+ CAGE ASSEMBLY WITH ELASTOMERIC GASKET | | | | |
| REF. | | IE APPD | | | | SIZE A3 | DWG. NO P-U77-AX41M-X081 | REV. C | | |
| CODE IDENT. NO 03554 | | DWG APPD A.G. | | MAR26/09 | SCALE 2:1 | PROJECT | | SHEET 2 OF 10 | | |

| PART NUMBER | DIM "C" | DIM "D" |
|----------------|---------|---------|
| U77-A241M-X091 | 29.70 | 34.25 |
| U77-A441M-X091 | 58.20 | 62.75 |
| U77-A641M-X091 | 86.70 | 91.25 |

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| C | | B-B APPLICATION SPECIFIED | AUG14/09 | |

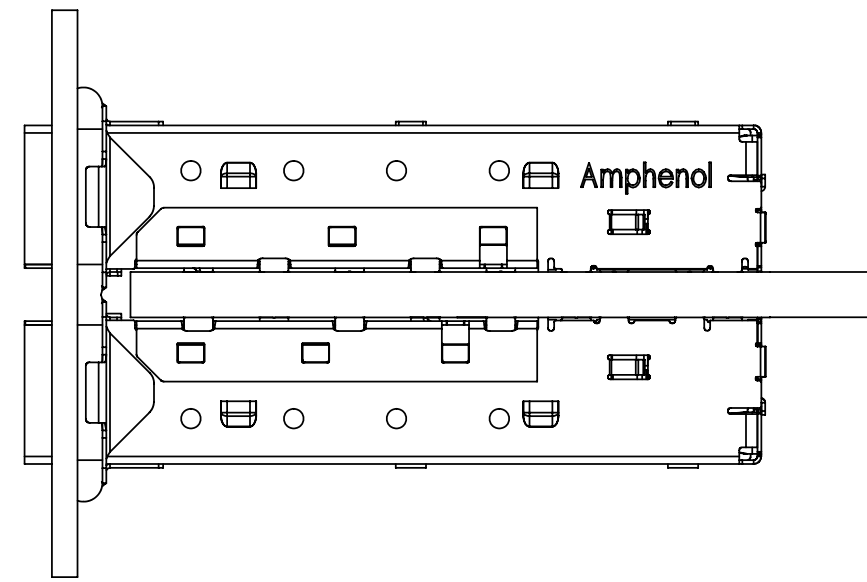


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|--|--------|------------------|----------|------------------|--|---|--|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: | | APPROVALS | | DATE | | Amphenol Canada Corp. | |
| DECIMALS | ANGLES | DRAWN | DESIGNED | MAR04/09 | | | |
| X.X ± 0.38 | ± 1° | ChigowX | | MAR26/09 | | 1XN SFP+ CAGE ASSEMBLY WITH ELASTOMERIC GASKET | |
| X.XX ± 0.25 | | | J.SI | | | | |
| MATERIAL AND FINISH | | CHECKED | | QA APPD | | SIZE | |
| SEE NOTE 1 | | | | | | A3 | |
| REF. | | IE APPD | | DWG. NO. | | REV. | |
| | | | | P-U77-AX41M-X081 | | C | |
| CODE IDENT. NO. | | DWG APPD | | SCALE | | SHEET | |
| 03554 | | A.G. | | 2:1 | | 3 OF 10 | |

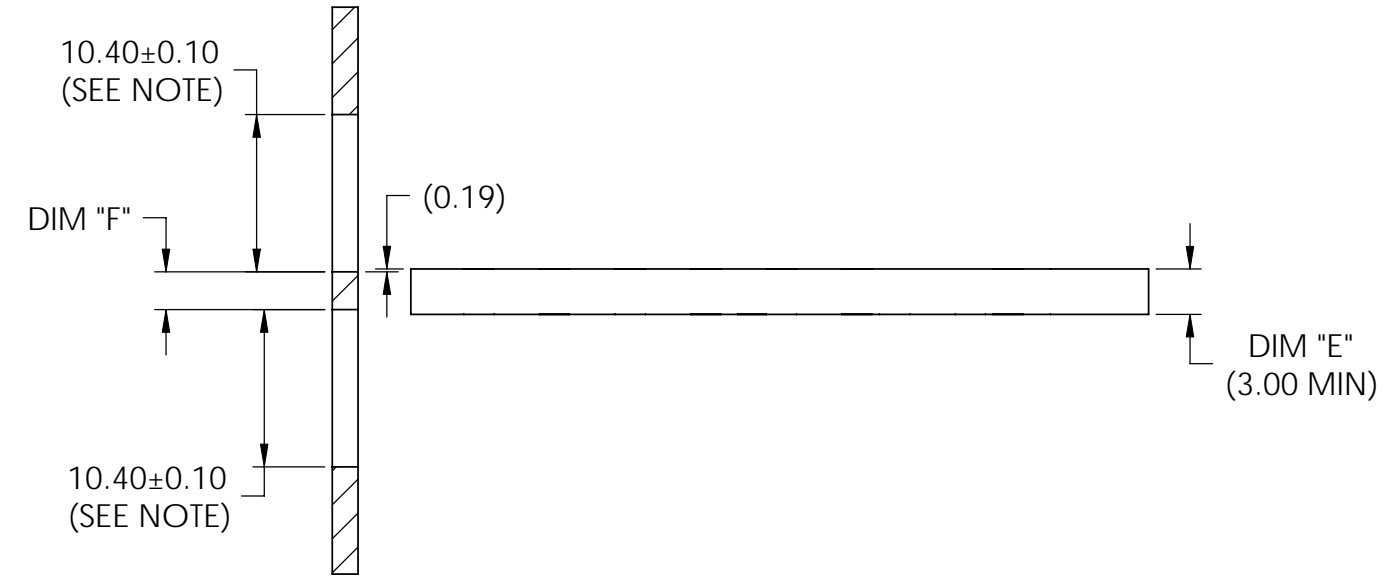
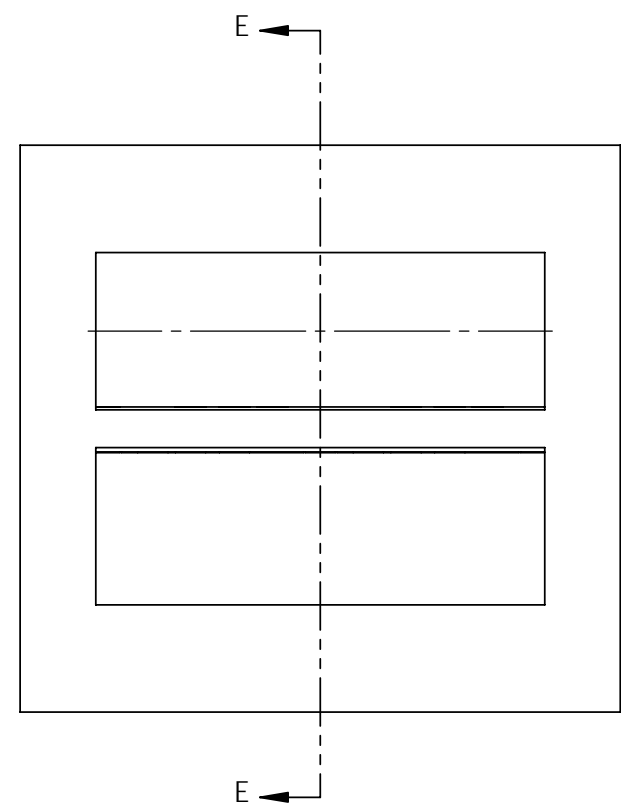
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| C | | B-B APPLICATION SPECIFIED | AUG14/09 | |



NOTE:
 PANEL CUTOUT SIZES PER SFF 8433 SPEC. FOR BELLY TO BELLY MOUNTING, DIM "E" (PCB THICKNESS) IS 3.0 mm MIN. DIM "F" RELATED TO DIM "E". FOR DIM "F" = DIM "E" - 0.44 mm. THE PANEL CUTOUT 10.40 mm MIGHT BE INCREASED UP TO 10.80 mm IN ORDER TO ACCOMMODATE PCB TOLERANCE.



SECTION E-E

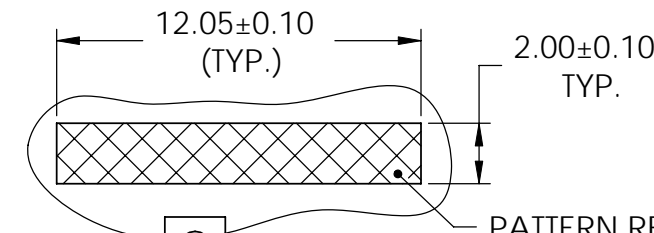
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|---|------------------|------------------|-----------|----------|--|---------------------------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS ANGLES X.X ± 0.38 ± 1° X.XX ± 0.25 | | APPROVALS | | DATE | Amphenol Canada Corp. | |
| MATERIAL AND FINISH SEE NOTE 1 | | DRAWN ChigowX | DESIGNED | MAR04/09 | TITLE | |
| REF. | | CHECKED J.SI | QA APPD | MAR26/09 | 1XN SFP+ CAGE ASSEMBLY WITH ELASTOMERIC GASKET | |
| CODE IDENT. NO. 03554 | DWG APPD A.G. | MAR26/09 | SCALE 2:1 | PROJECT | SIZE A3 | DWG. NO. P-U77-AX41M-X081 |
| | | | | | REV. C | SHEET 4 OF 10 |

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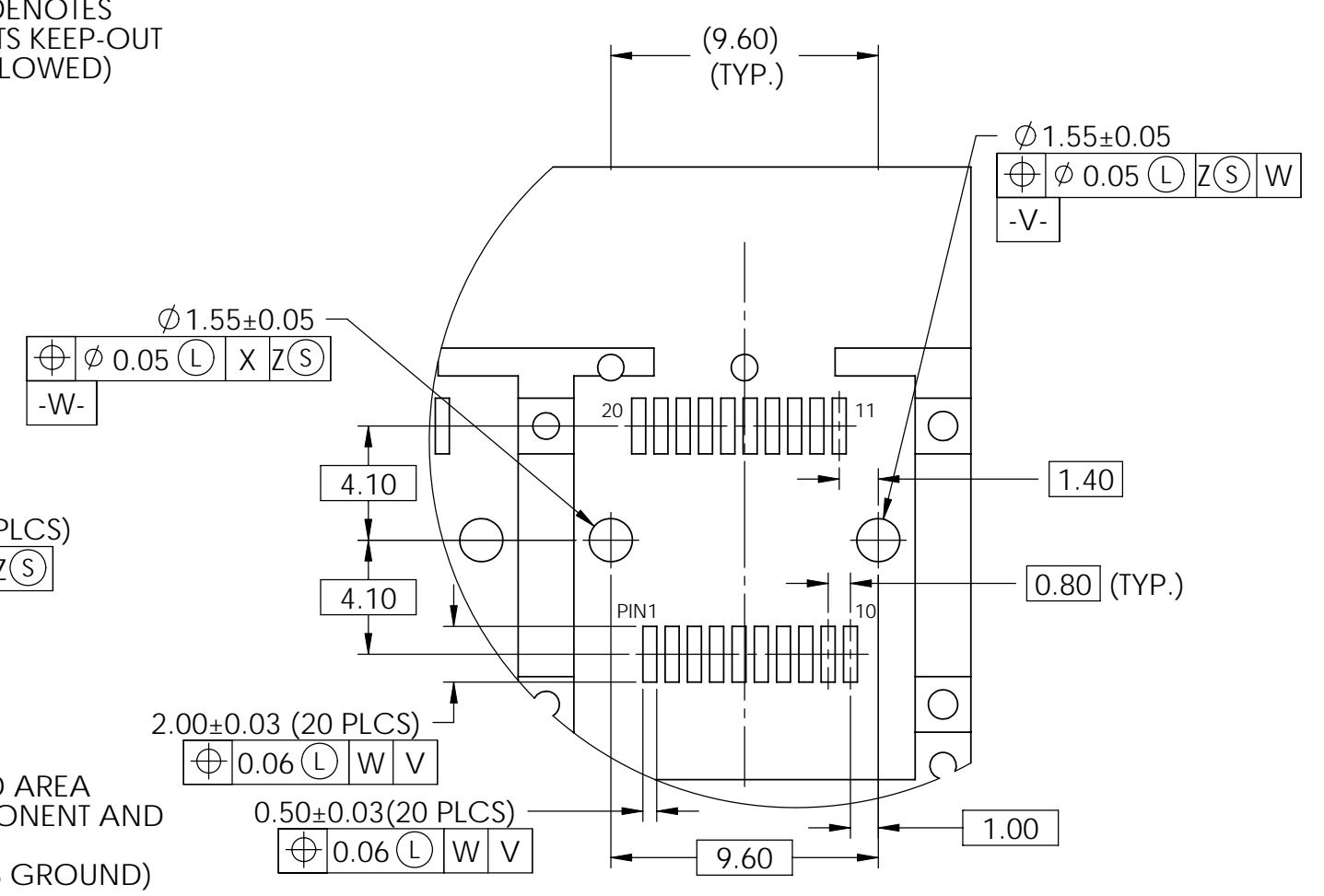
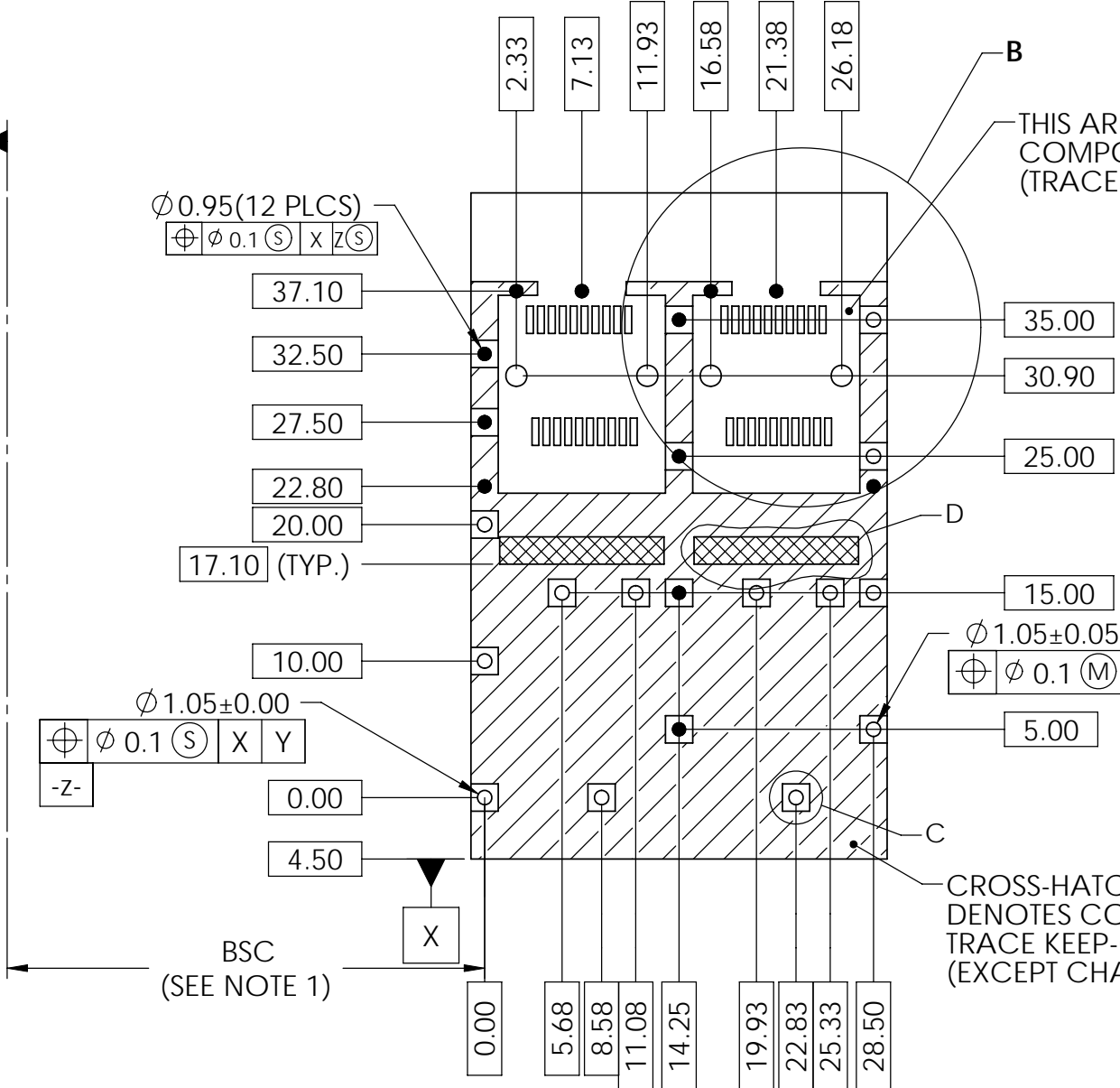
- NOTES:
 1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
 2. PADS AND VIAS ARE CHASSIS GROUND.
 3. THRU-HOLES, PLATING OPTIONAL.
 4. SEE DRAWINGS P-UX76-A20-X00XX FOR CONNECTOR LAYOUT.

| REVISIONS | | | | |
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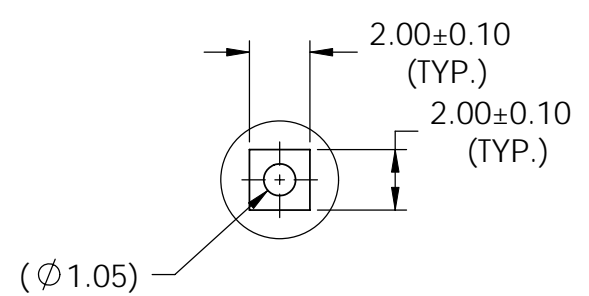


DETAIL D
SCALE 4 : 1

PATTERN REPEATS FOR EACH PORT.
 SPACING BETWEEN PORTS IS 14.25mm.
 APPLIES TO ALL GANGED LAYOUTS



DETAIL B
SCALE 4 : 1



DETAIL C
SCALE 4 : 1

**RECOMMENDED PCB DESIGN
 FOR SINGLE SIDE MOUNTING
 (P/N U77-A241M-X081)**

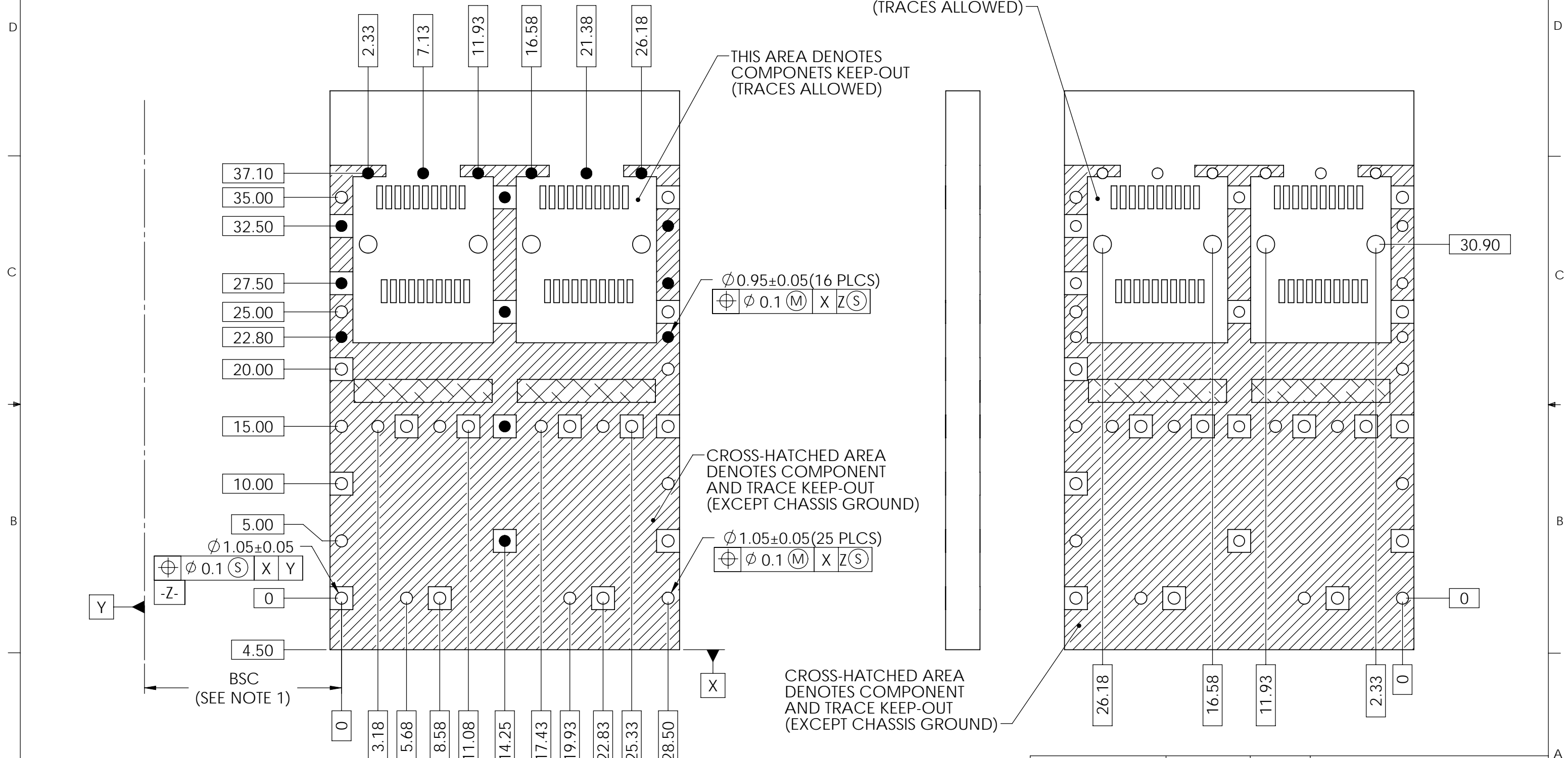
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| | DRAWN: ChigowX DESIGNED: | MAR04/09 | |
| MATERIAL AND FINISH SEE NOTE 1 | CHECKED: J.SI QA APPD: | MAR26/09 | 1XN SFP+ CAGE ASSEMBLY WITH ELASTOMERIC GASKET |
| REF. | IE APPD: | | SIZE: A3 DWG. NO: P-U77-AX41M-X081 REV: C |
| CODE IDENT. NO: 03554 | DWG APPD: A.G. | MAR26/09 | SCALE: 2:1 PROJECT: SHEET: 5 OF 10 |

- NOTES:
 1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
 2. PADS AND VIAS ARE CHASSIS GROUND.
 3. THRU-HOLES, PLATING OPTIONAL.
 4. SEE DRAWINGS P-UX76-A20-X00XX FOR CONNECTOR LAYOUT.

| REVISIONS | | | | |
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| REV. | ECN/E-R | DESCRIPTION | DATE | APPROVED |
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| C | | B-B APPLICATION SPECIFIED | AUG14/09 | |



**RECOMMENDED PCB DESIGN
 FOR BELLY TO BELLY MOUNTING
 (P/N U77-A241M-X081)**

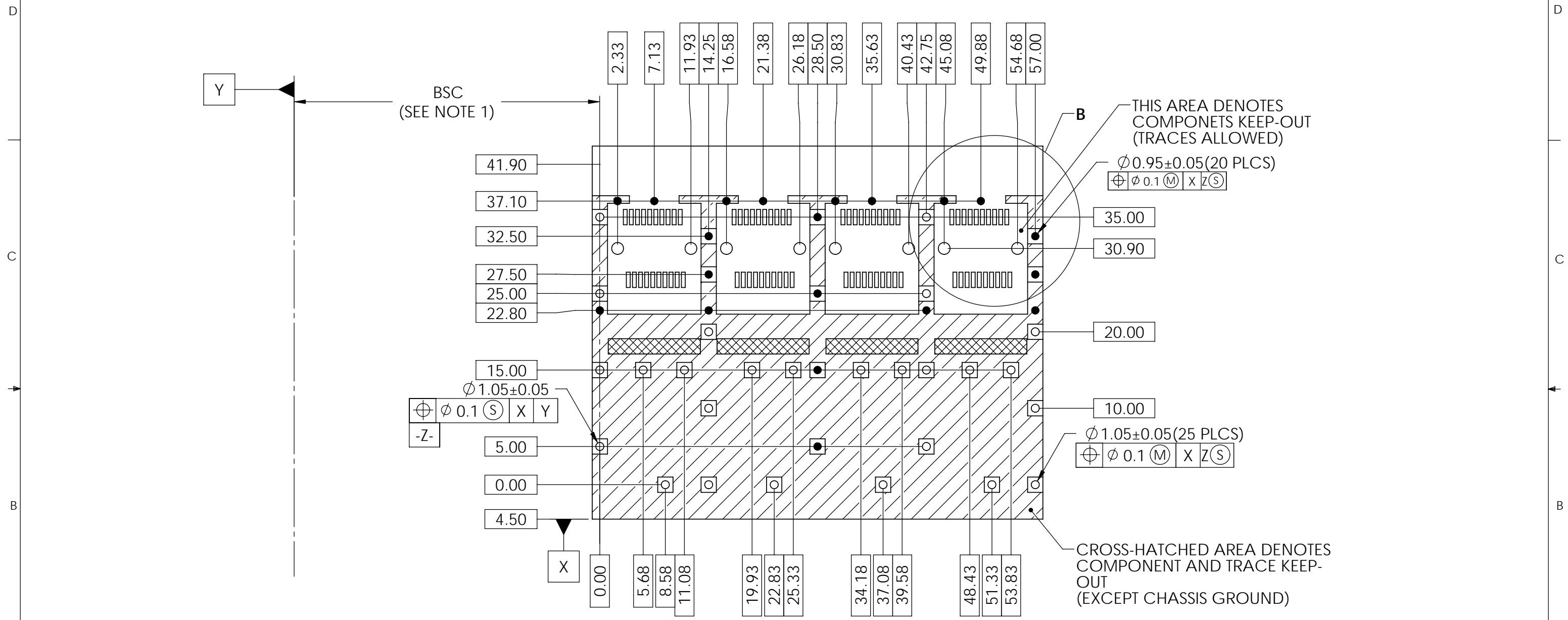
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| | DRAWN: ChigowX | MAR04/09 | | |
| | CHECKED: J.SI | MAR26/09 | 1XN SFP+ CAGE ASSEMBLY WITH ELASTOMERIC GASKET | |
| | QA APPD | | | |
| MATERIAL AND FINISH: SEE NOTE 1 | IE APPD | | SIZE: A3 | DWG. NO: P-U77-AX41M-X081 |
| REF. | DWG APPD: A.G. | MAR26/09 | SCALE: 3:1 | PROJECT |
| CODE IDENT. NO: 03554 | | | | SHEET: 6 OF 10 |

- NOTES:
 1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
 2. PADS AND VIAS ARE CHASSIS GROUND.
 3. THRU-HOLES, PLATING OPTIONAL.
 4. SEE DRAWINGS P-UX76-A20-X00XX FOR CONNECTOR LAYOUT.

| REVISIONS | | | | |
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| C | | B-B APPLICATION SPECIFIED | AUG14/09 | |



**RECOMMENDED PCB DESIGN
 FOR SINGLE SIDE MOUNTING
 (P/N U77-A441M-X081)**

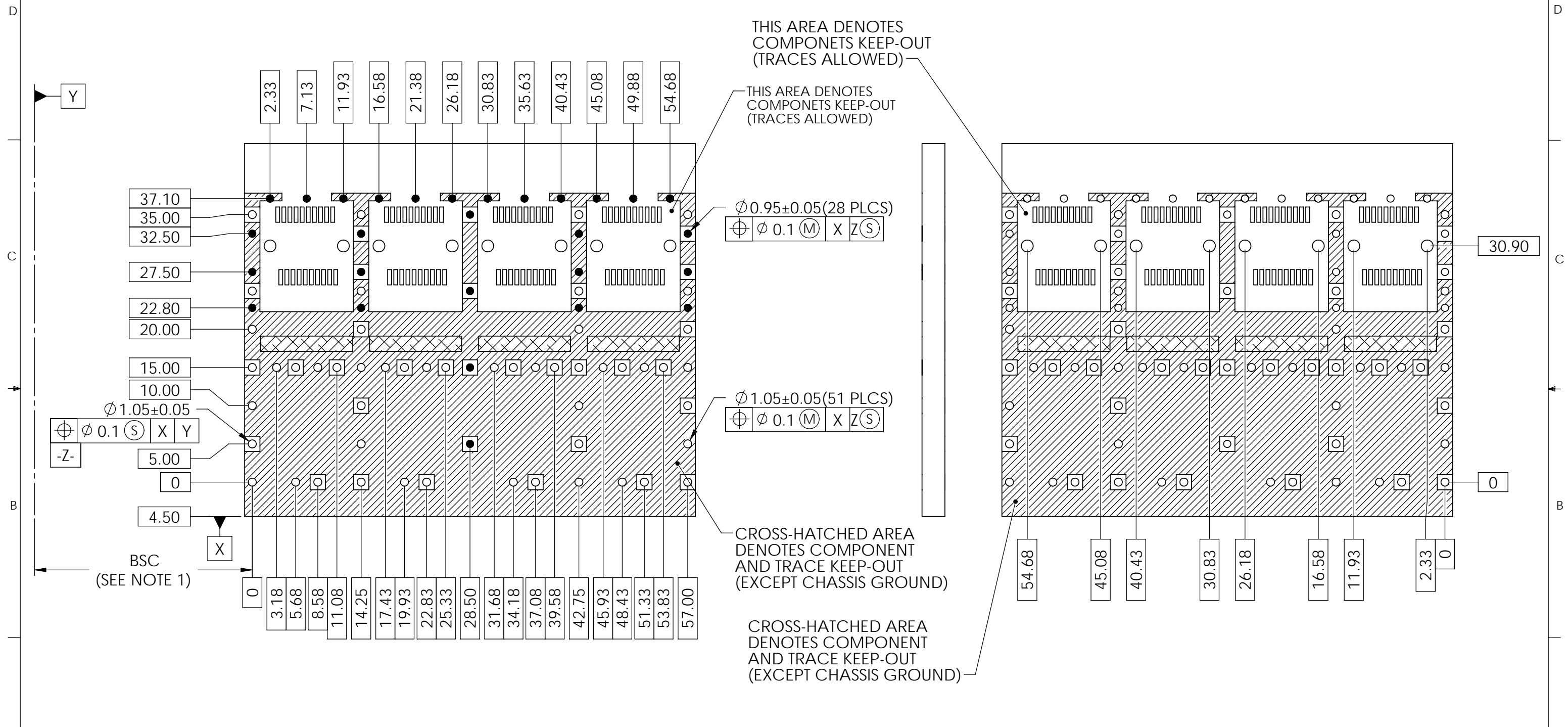
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| | DRAWN ChigowX | MAR04/09 | |
| | DESIGNED | | |
| | CHECKED J.SI | MAR26/09 | |
| | QA APPD | | |
| | IE APPD | | |
| | DWG APPD A.G. | MAR26/09 | |

- NOTES:
 1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
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 4. SEE DRAWINGS P-UX76-A20-X00XX FOR CONNECTOR LAYOUT.

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**RECOMMENDED PCB DESIGN
 FOR BELLY TO BELLY MOUNTING
 (P/N U77-A441M-X081)**

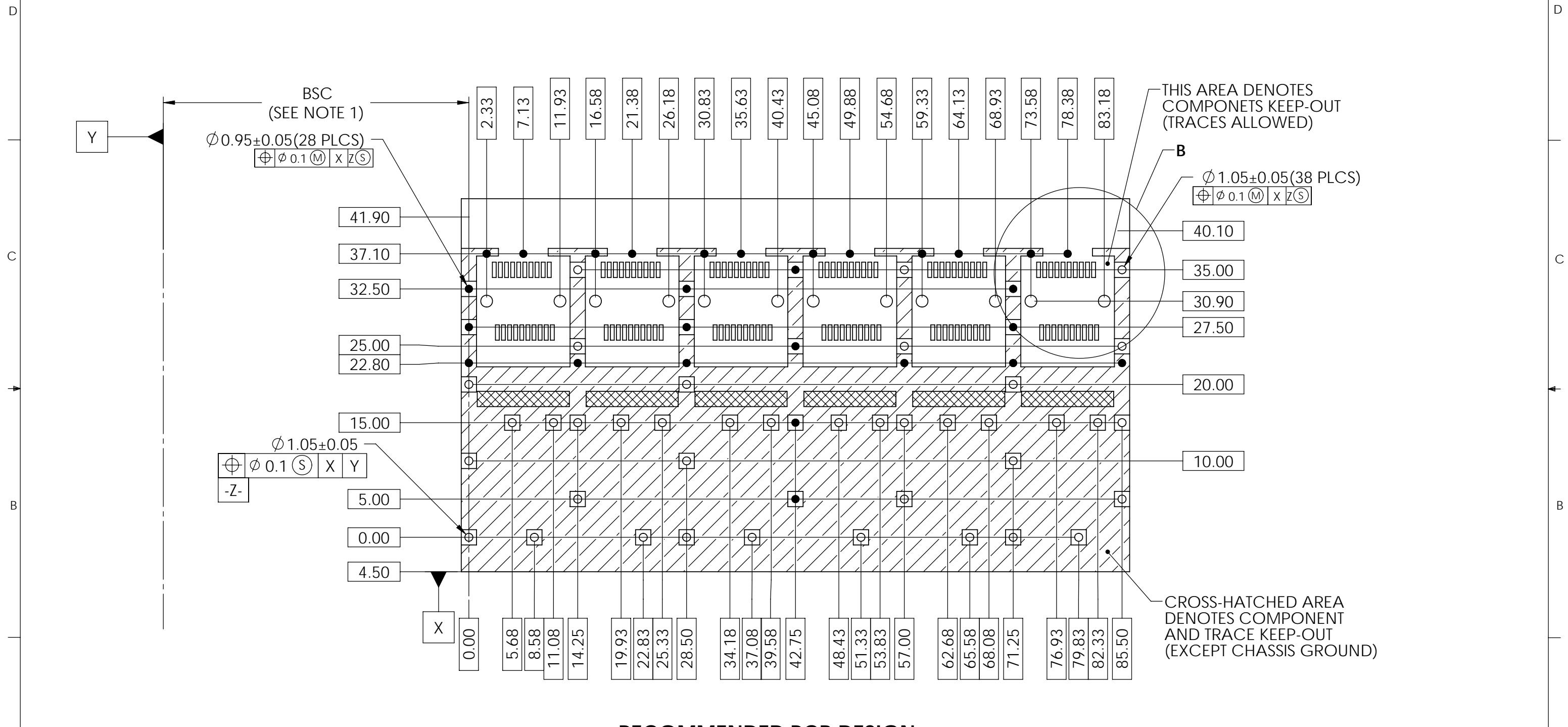
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| | DRAWN: ChigowX | MAR04/09 | |
| | DESIGNED: | | |
| | CHECKED: J.SI | MAR26/09 | |
| | QA APPD: | | |
| | IE APPD: | | |
| | DWG APPD: A.G. | MAR26/09 | |
| | SCALE: 2:1 | PROJECT: | |
| | SIZE: A3 | DWG. NO: P-U77-AX41M-X081 | REV: C |
| | | | SHEET: 8 OF 10 |

- NOTES:
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 3. THRU-HOLES, PLATING OPTIONAL.
 4. SEE DRAWINGS P-UX76-A20-X00XX FOR CONNECTOR LAYOUT.

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**RECOMMENDED PCB DESIGN
 FOR SINGLE SIDE MOUNTING
 (P/N U77-A641M-X081)**

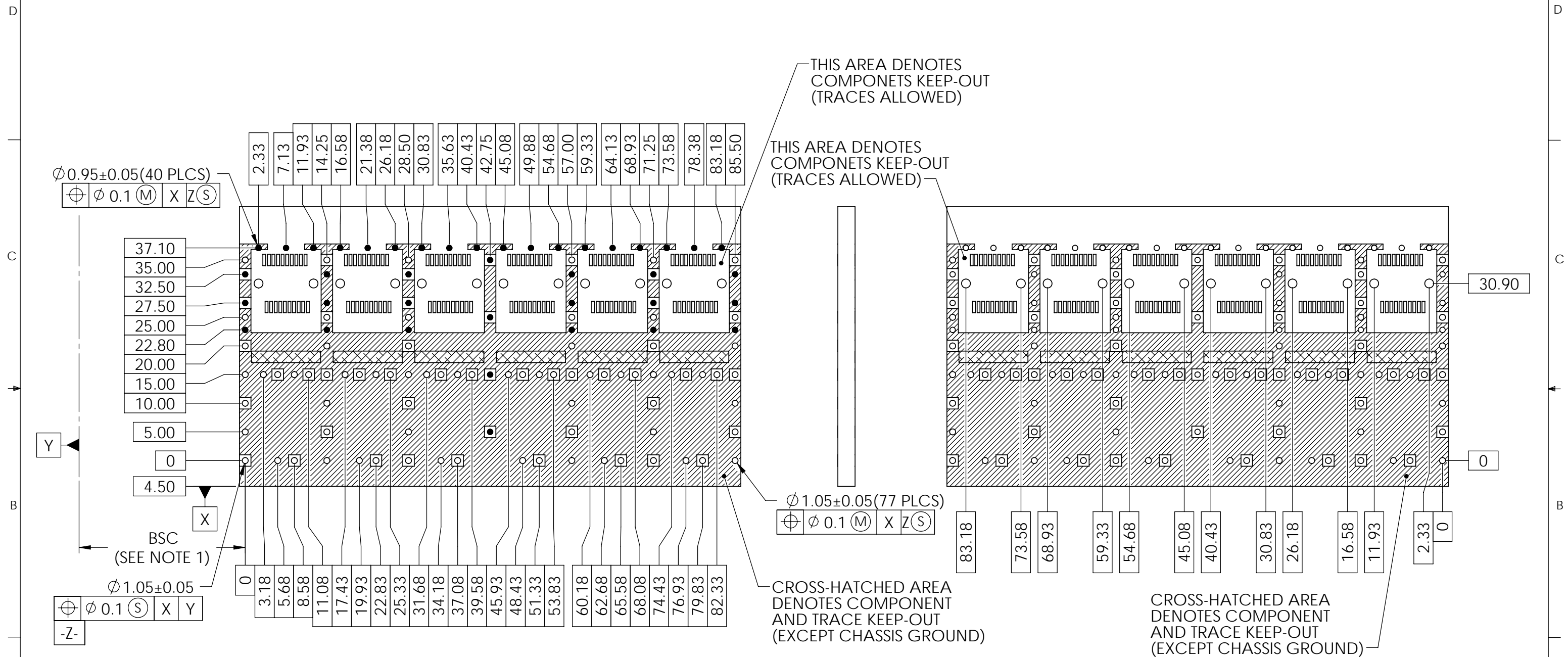
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| MATERIAL AND FINISH SEE NOTE 1 | | DRAWN ChigowX DESIGNED CHECKED J.SI QA APPD | | MAR04/09 MAR26/09 | |
| REF. | | IE APPD | | | TITLE 1XN SFP+ CAGE ASSEMBLY WITH ELASTOMERIC GASKET |
| CODE IDENT. NO. 03554 | DWG APPD A.G. | MAR26/09 | SCALE 1:1 | PROJECT | SIZE A3 DWG. NO. P-U77-AX41M-X081 REV. C |
| | | | | SHEET 9 OF 10 | |

- NOTES:
 1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
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 3. THRU-HOLES, PLATING OPTIONAL.
 4. SEE DRAWINGS P-UX76-A20-X00XX FOR CONNECTOR LAYOUT.

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**RECOMMENDED PCB DESIGN
 FOR BELLY TO BELLY MOUNTING
 (P/N U77-A641M-X081)**

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| | DRAWN: ChigowX | MAR04/09 | | |
| MATERIAL AND FINISH SEE NOTE 1 | DESIGNED: | | 1XN SFP+ CAGE ASSEMBLY WITH ELASTOMERIC GASKET | |
| | CHECKED: J.SI | MAR26/09 | | |
| REF. | QA APPD: | | SIZE: A3 | DWG. NO: P-U77-AX41M-X081 |
| CODE IDENT. NO: 03554 | IE APPD: | | SCALE: 3:2 | PROJECT: |
| | DWG APPD: A.G. | MAR26/09 | | SHEET: 10 OF 10 |

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели, кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



Телефон: 8 (812) 309-75-97 (многоканальный)

Факс: 8 (812) 320-03-32

Электронная почта: ocean@oceanchips.ru

Web: <http://oceanchips.ru/>

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, д. 2, корп. 4, лит. А