

| REVISIONS | | | | |
|-----------|---------|-------------|----------|----------|
| REV. | ECN/E-R | DESCRIPTION | DATE | APPROVED |
| A | | PROPOSAL | JUL22/09 | |
| | | | | |
| | | | | |



MATERIAL:
COPPER ALLOY

PLATING OPTION Y=2:
2.54um MIN. NICKEL

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

LIGHT PIPE:
CLEAR POLYCARBONATE

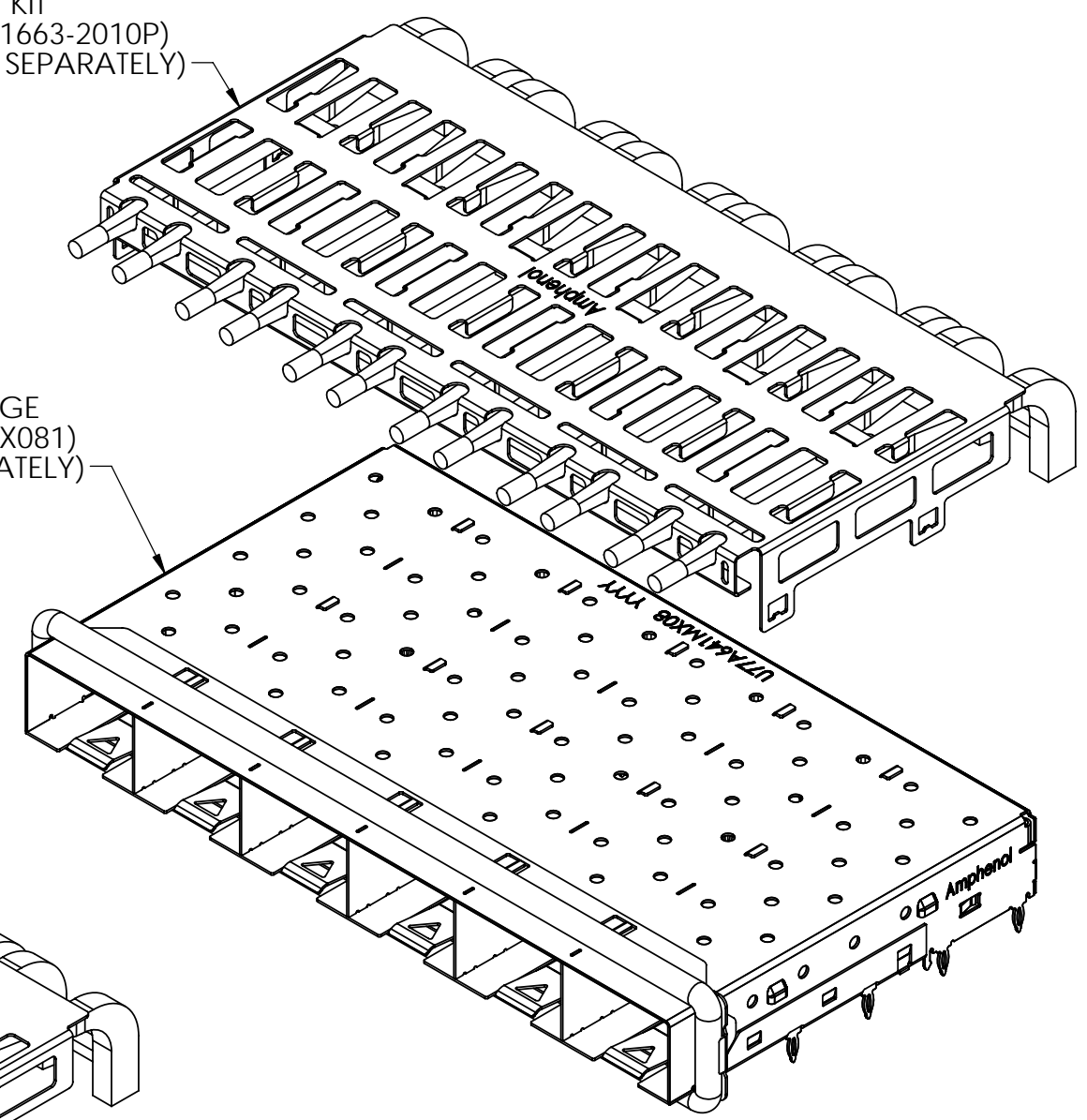
BRACKET FOR LIGHT PIPE:
STAINLESS STEEL

PACKAGING:
TRAY PACKAGING

TEMPERATURE RANGE:
-40C TO +85C

LIGHT PIPE KIT
(P/N: U77-1663-2010P)
(IF ORDER SEPARATELY)

SFP+PRESS FIT CAGE
(P/N U77-A641M-X081)
(IF ORDER SEPARATELY)



P/N: U77-C641M-X081 SHOWN

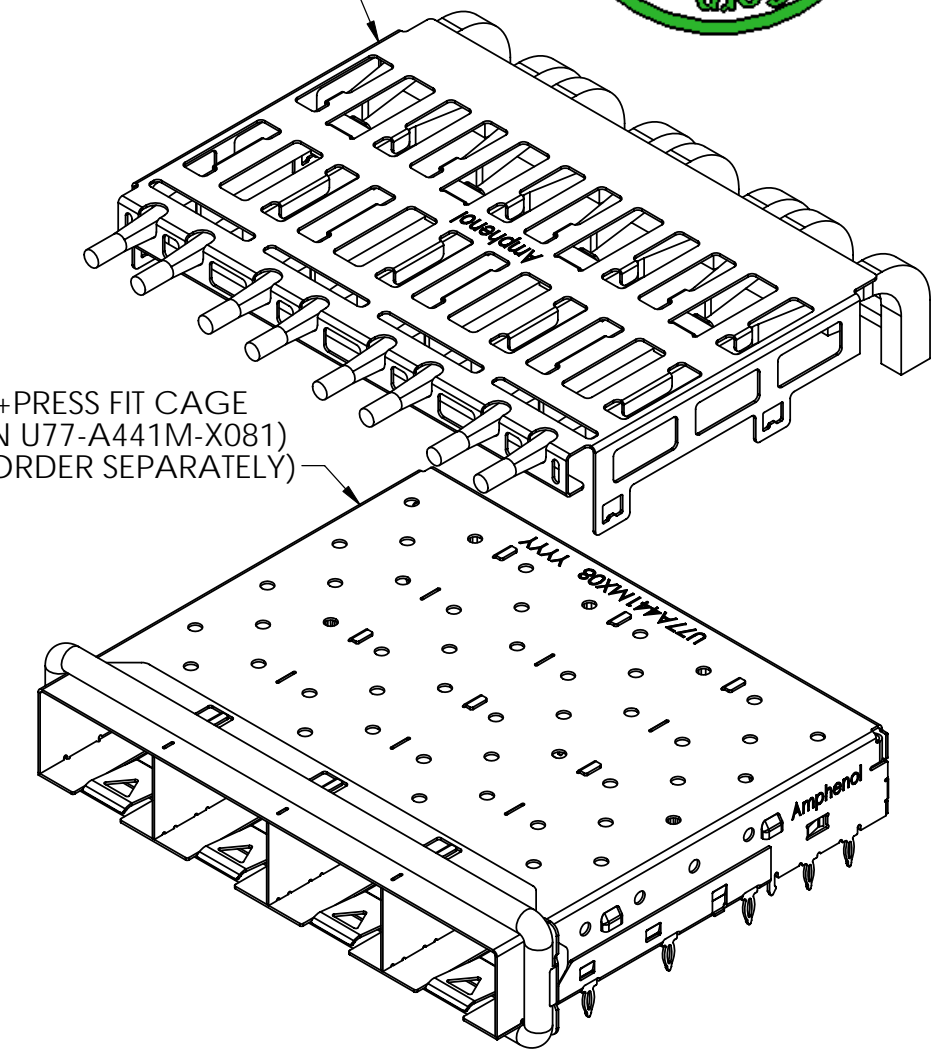
AMPHENOL PART NUMBER CONFIGURATION

U77 - C 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

LIGHT PIPE KIT
(P/N: U77-1463-2010P)
(IF ORDER SEPARATELY)

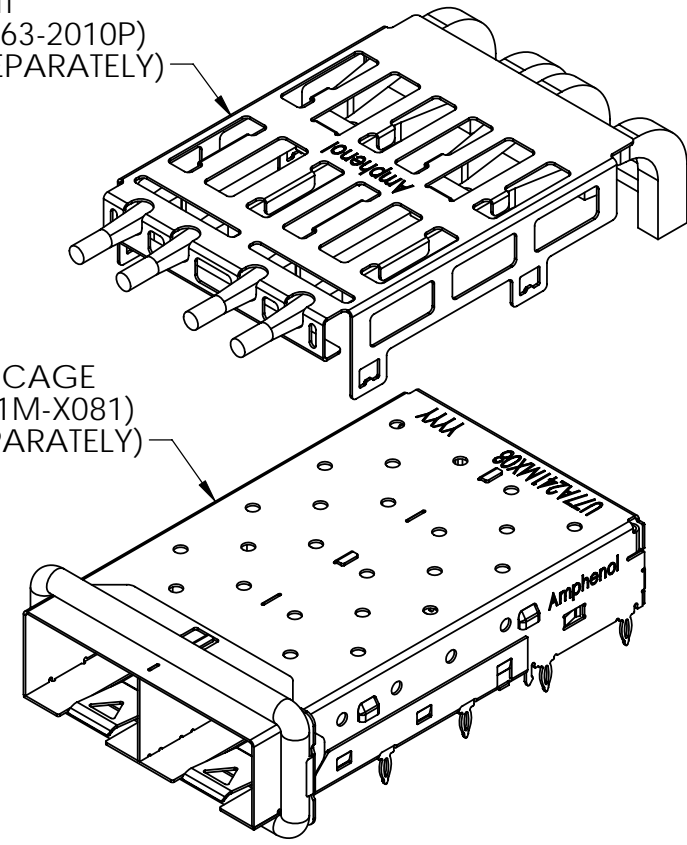
SFP+PRESS FIT CAGE
(P/N U77-A441M-X081)
(IF ORDER SEPARATELY)



P/N: U77-C441M-X081 SHOWN

LIGHT PIPE KIT
(P/N: U77-1263-2010P)
(IF ORDER SEPARATELY)

SFP+PRESS FIT CAGE
(P/N U77-A241M-X081)
(IF ORDER SEPARATELY)



P/N: U77-C241M-X081 SHOWN

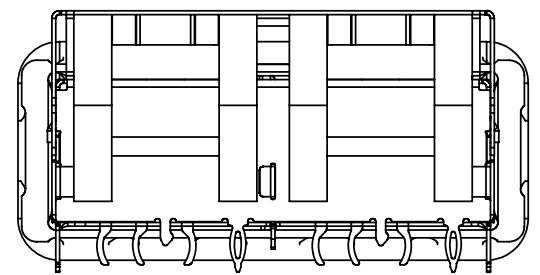
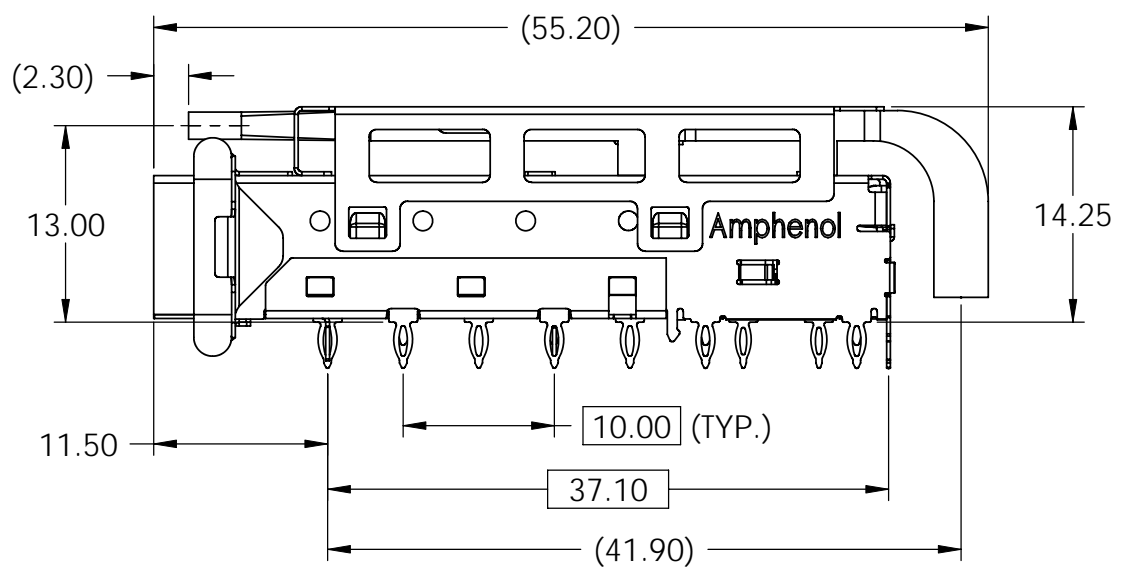
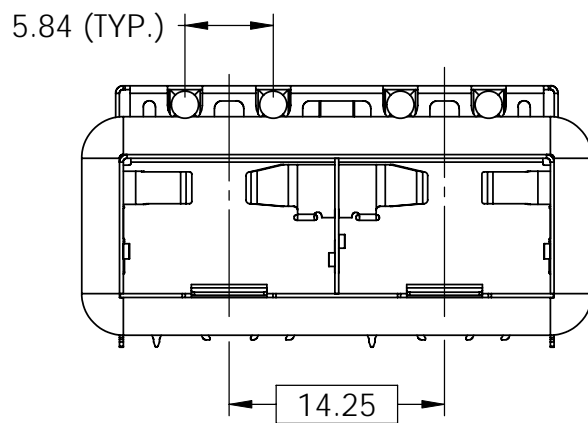
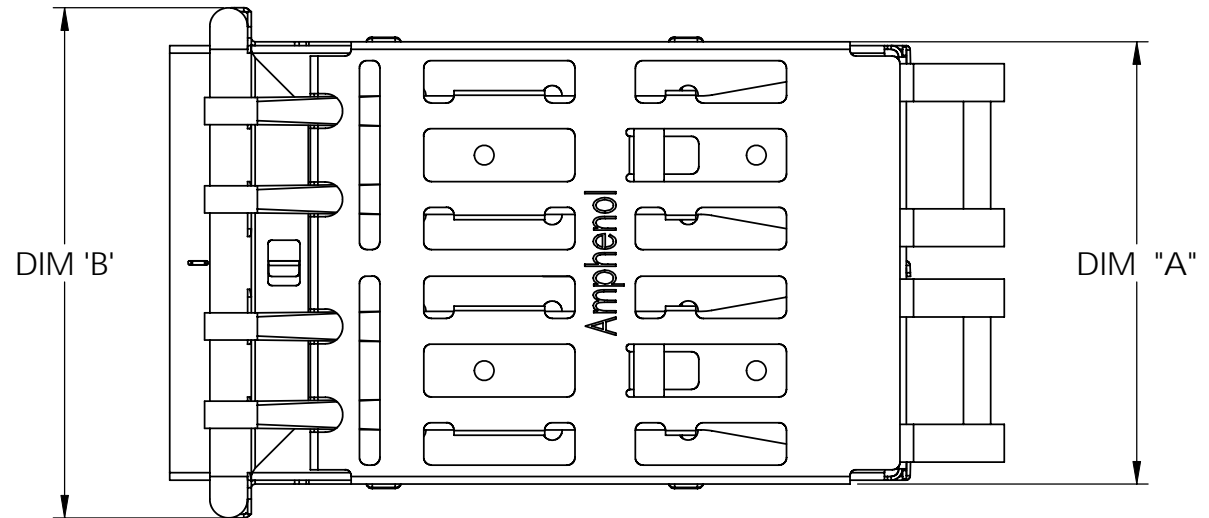
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| | | | | | | |
|--|----------------|-----------|------|----------|--|-----------------------------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: | | APPROVALS | | DATE | Amphenol Canada Corp. | |
| DECIMALS X.X ± 0.38 X.XX ± 0.25 | ANGLES ± 1° | DRAWN | J.SI | JUL21/09 | TITLE | |
| MATERIAL AND FINISH SEE NOTE 1 | | DESIGNED | | | 1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE | |
| REF. | | CHECKED | | | SIZE A3 | DWG. NO P-U77-CX41M-X081 |
| CODE IDENT. NO. | 03554 | QA APPD | | | REV. A | |
| | | IE APPD | | | SCALE 3:2 | PROJECT |
| | | DWG APPD | | | SHEET | 1 OF 11 |

| PART NUMBER | DIM"A" | DIM"B" |
|----------------|--------|--------|
| U77-C261M-X081 | 29.25 | 33.75 |
| U77-C461M-X081 | 57.75 | 62.25 |
| U77-C661M-X081 | 86.25 | 90.75 |

| REVISIONS | | | | |
|-----------|---------|-------------|----------|----------|
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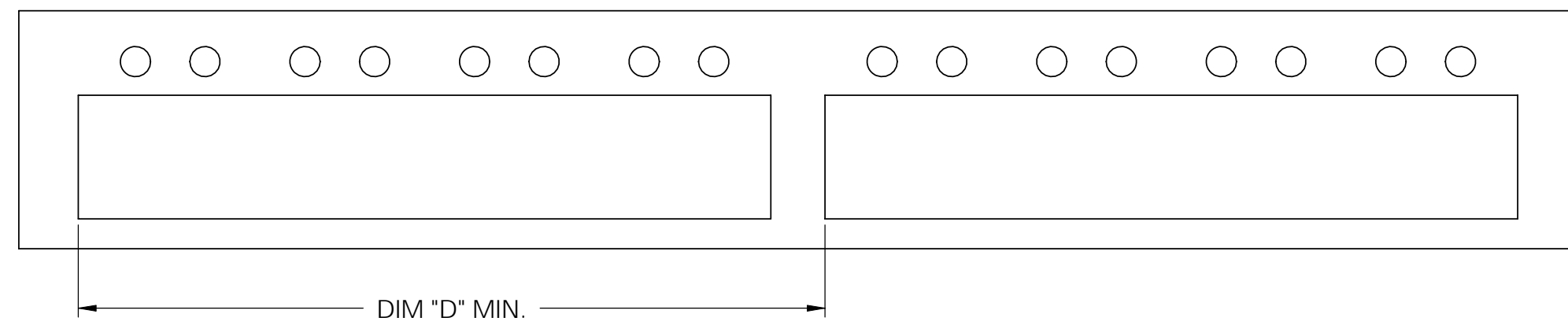
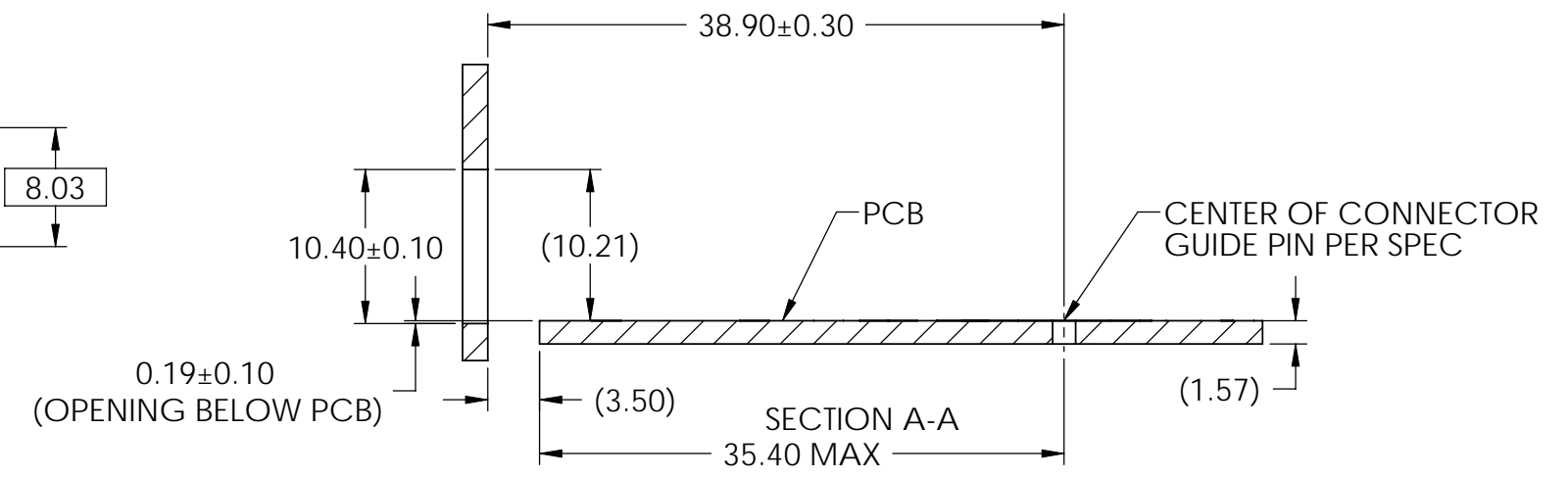
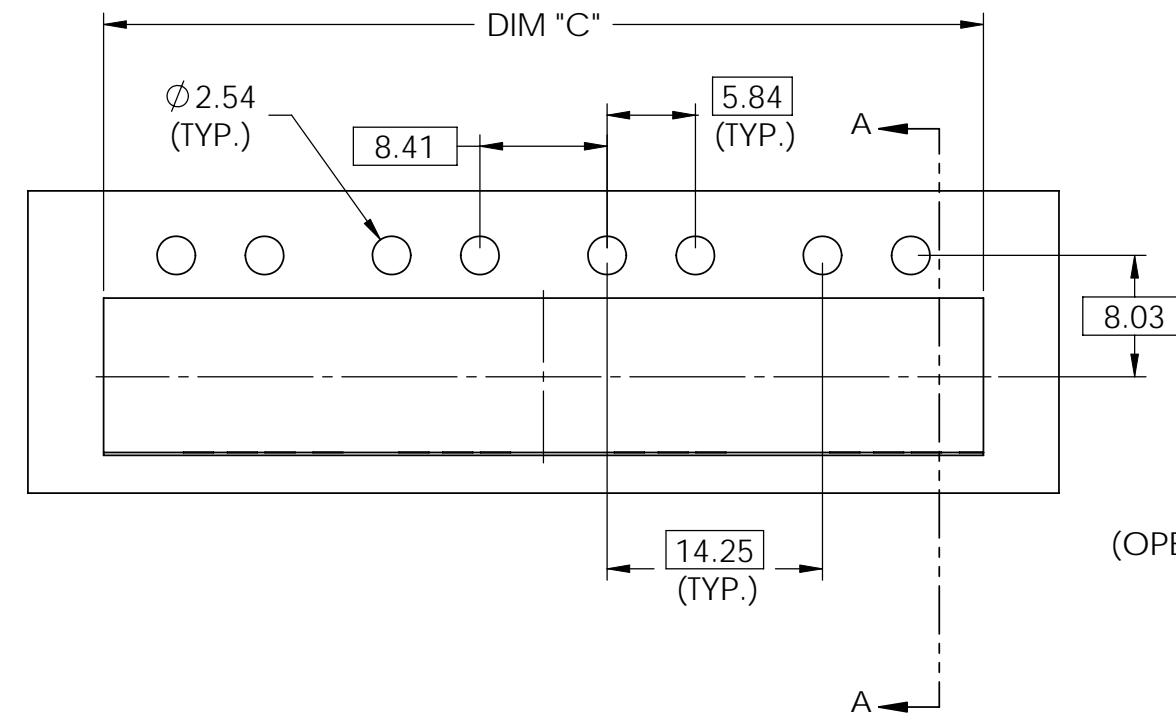
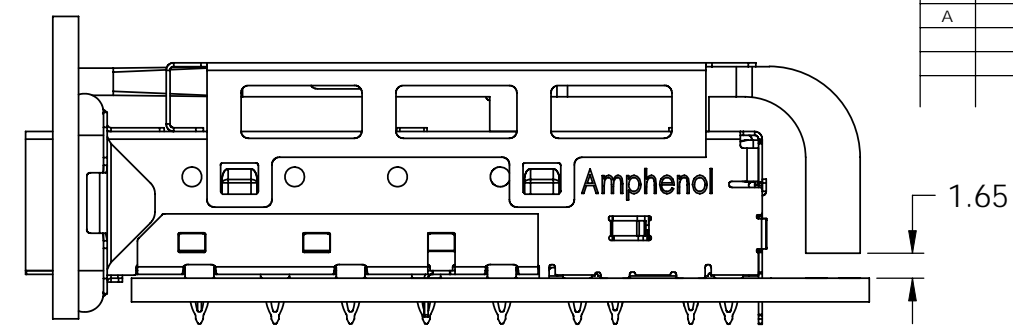
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| | DRAWN J.SI | JUL21/09 | | |
| | DESIGNED | | 1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE | |
| | CHECKED | | | |
| MATERIAL AND FINISH SEE NOTE 1 | QA APPD | | SIZE A3 | DWG. NO P-U77-CX41M-X081 |
| REF. | IE APPD | | SCALE 1:1 | PROJECT |
| CODE IDENT. NO. 03554 | DWG APPD | | SHEET 2 OF 11 | REV. A |

| PART NUMBER | DIM "C" | DIM "D" |
|----------------|---------|---------|
| U77-C241M-X081 | 29.70 | 34.25 |
| U77-C441M-X081 | 58.20 | 62.75 |
| U77-C641M-X081 | 86.70 | 91.25 |

| REVISIONS | | | | |
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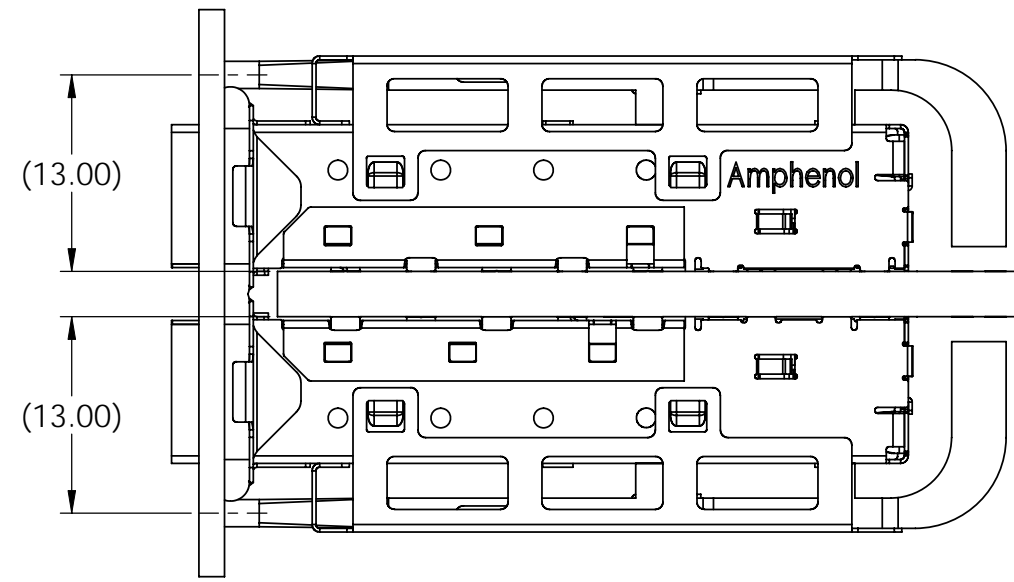


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|--|--------|-----------|------|----------|---|---------------------------|
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| DECIMALS | ANGLES | DRAWN | J.SI | JUL21/09 | TITLE | |
| X.X ± 0.38 | ± 1° | DESIGNED | | | 1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE | |
| X.XX ± 0.25 | | CHECKED | | | | |
| MATERIAL AND FINISH | | QA APPD | | | | |
| SEE NOTE 1 | | IE APPD | | | | |
| REF. | | DWG APPD | | | SIZE A3 | DWG. NO. P-U77-CX41M-X081 |
| CODE IDENT. NO. | 03554 | | | | SCALE 2:1 | PROJECT |
| | | | | | | SHEET 4 OF 11 |

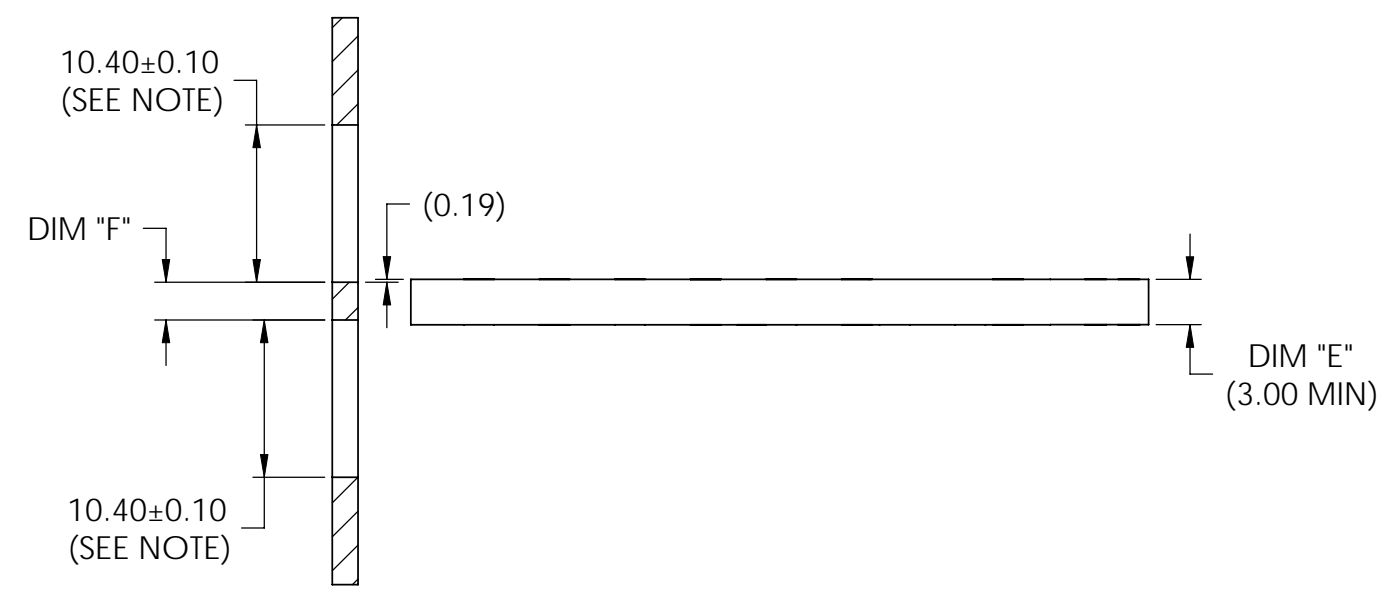
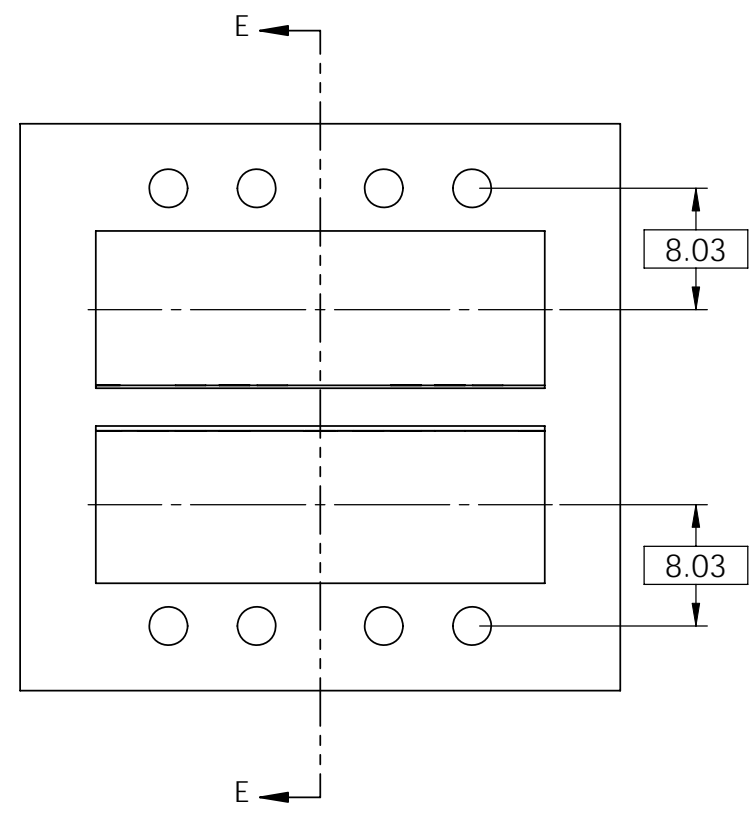
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| REVISIONS | | | | |
|-----------|---------|-------------|----------|----------|
| REV. | ECN/E-R | DESCRIPTION | DATE | APPROVED |
| A | | PROPOSAL | JUL22/09 | |
| | | | | |
| | | | | |



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

D
C
B
A

D
C
B
A

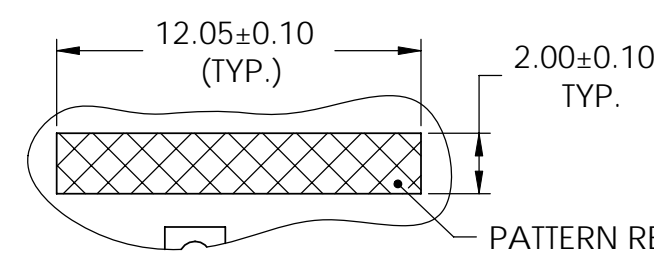
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| DECIMALS | ANGLES | DRAWN | J.SI | JUL21/09 | TITLE | | |
| X.X ± 0.38 | ± 1° | DESIGNED | | | 1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE | | |
| X.XX ± 0.25 | | CHECKED | | | | | |
| MATERIAL AND FINISH | | QA APPD | | | SIZE | | |
| SEE NOTE 1 | | IE APPD | | | A3 | DWG. NO. | P-U77-CX41M-X081 |
| REF. | | DWG APPD | | | SCALE | 2:1 | PROJECT |
| CODE IDENT. NO. | 03554 | | | | | | SHEET 5 OF 11 |

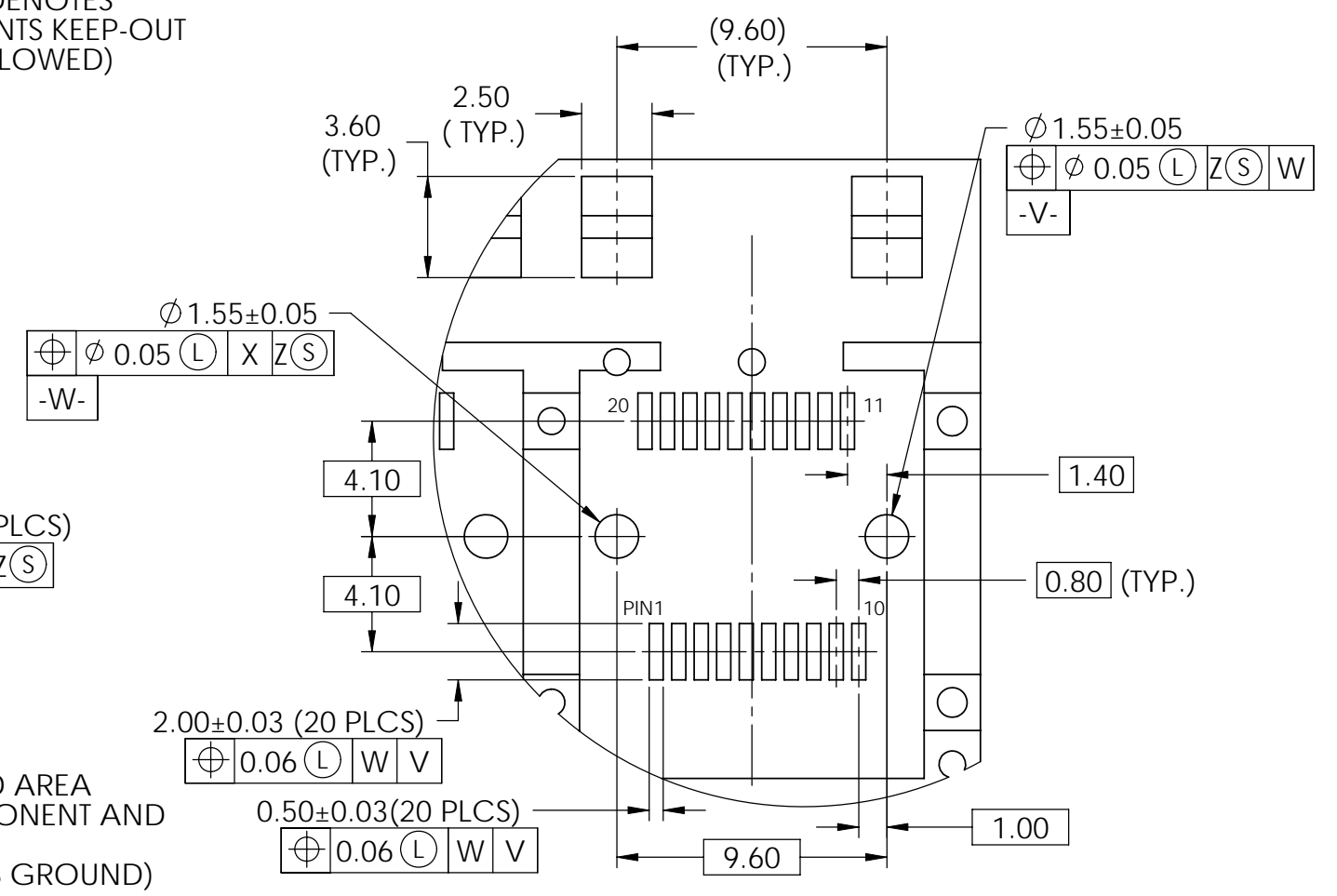
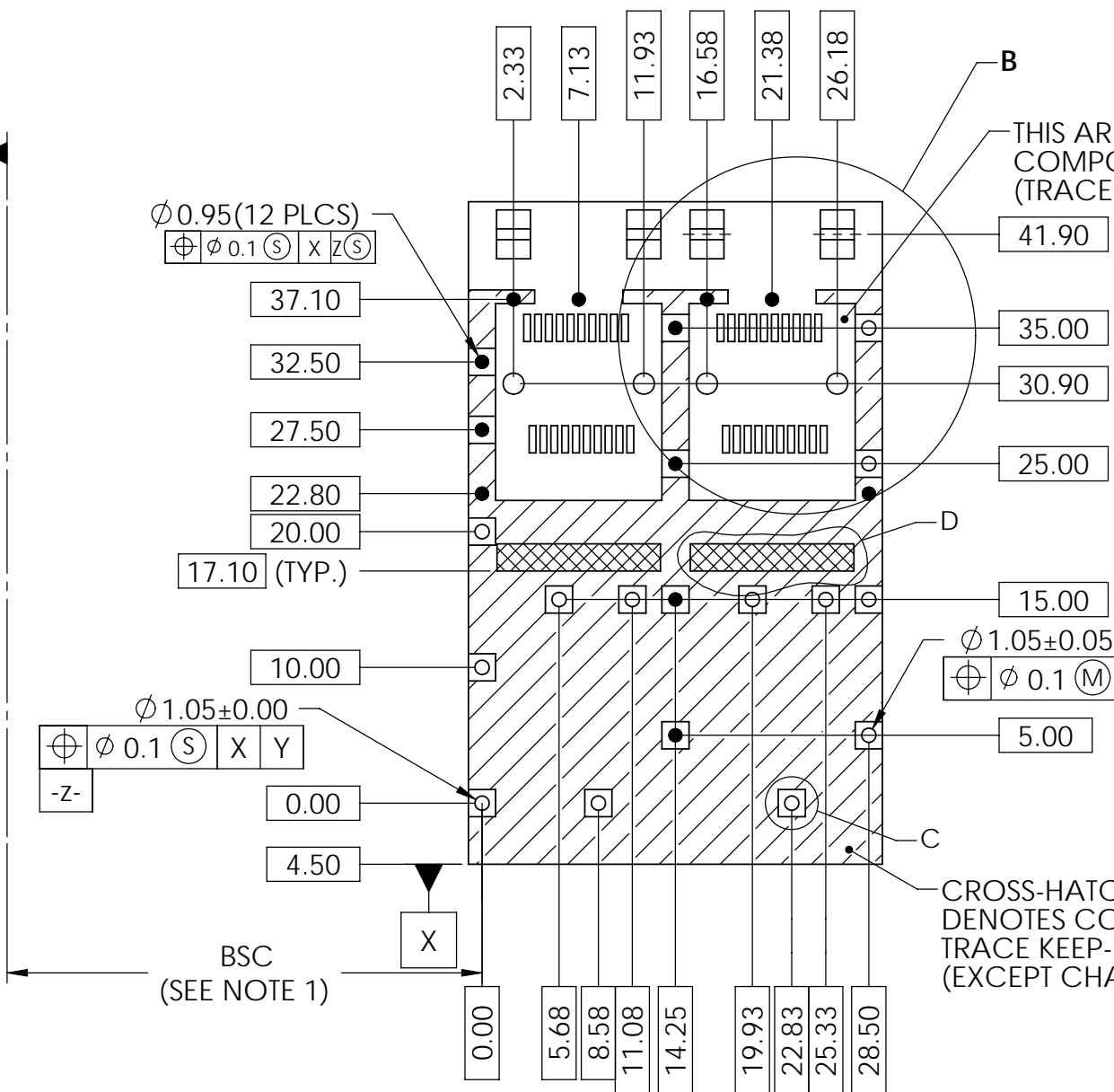
- NOTES:
 1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
 2. PADS AND VIAS ARE CHASSIS GROUND.
 3. THRU-HOLES, PLATING OPTIONAL.
 4. SEE DRAWINGS P-UX76-A20-X00XX FOR CONNECTOR LAYOUT.

| REVISIONS | | | | |
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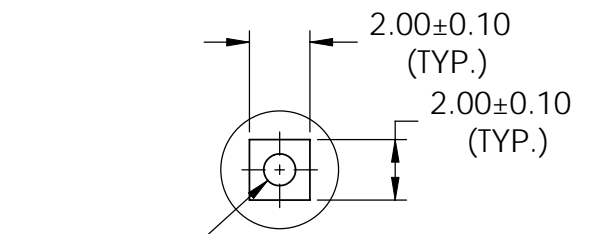


DETAIL D
SCALE 4 : 1

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-C261M-X081)**

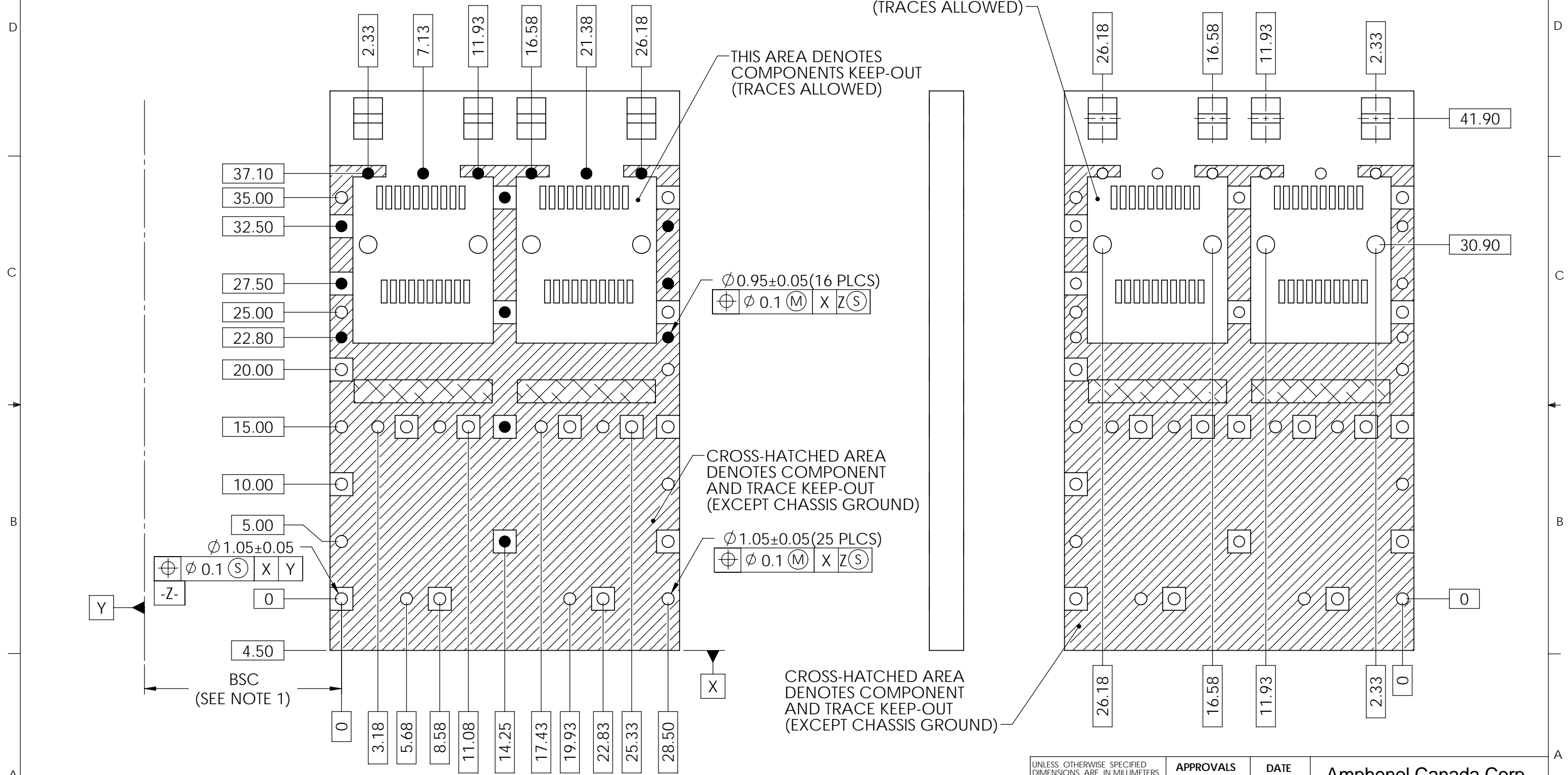
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| | DRAWN J.SI | JUL21/09 | |
| MATERIAL AND FINISH SEE NOTE 1 | DESIGNED | | 1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE |
| | CHECKED | | |
| REF. | QA APPD | | SIZE A3 |
| CODE IDENT. NO. 03554 | IE APPD | | DWG. NO. P-U77-CX41M-X081 |
| | DWG APPD | | SCALE 2:1 |
| | | | PROJECT SHEET 6 OF 11 |

- 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 | | | | |
|-----------|---------|-------------|----------|----------|
| REV. | ECN/E-R | DESCRIPTION | DATE | APPROVED |
| A | | PROPOSAL | JUL22/09 | |
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RECOMMENDED PCB DESIGN FOR BELLY TO BELLY MOUNTING

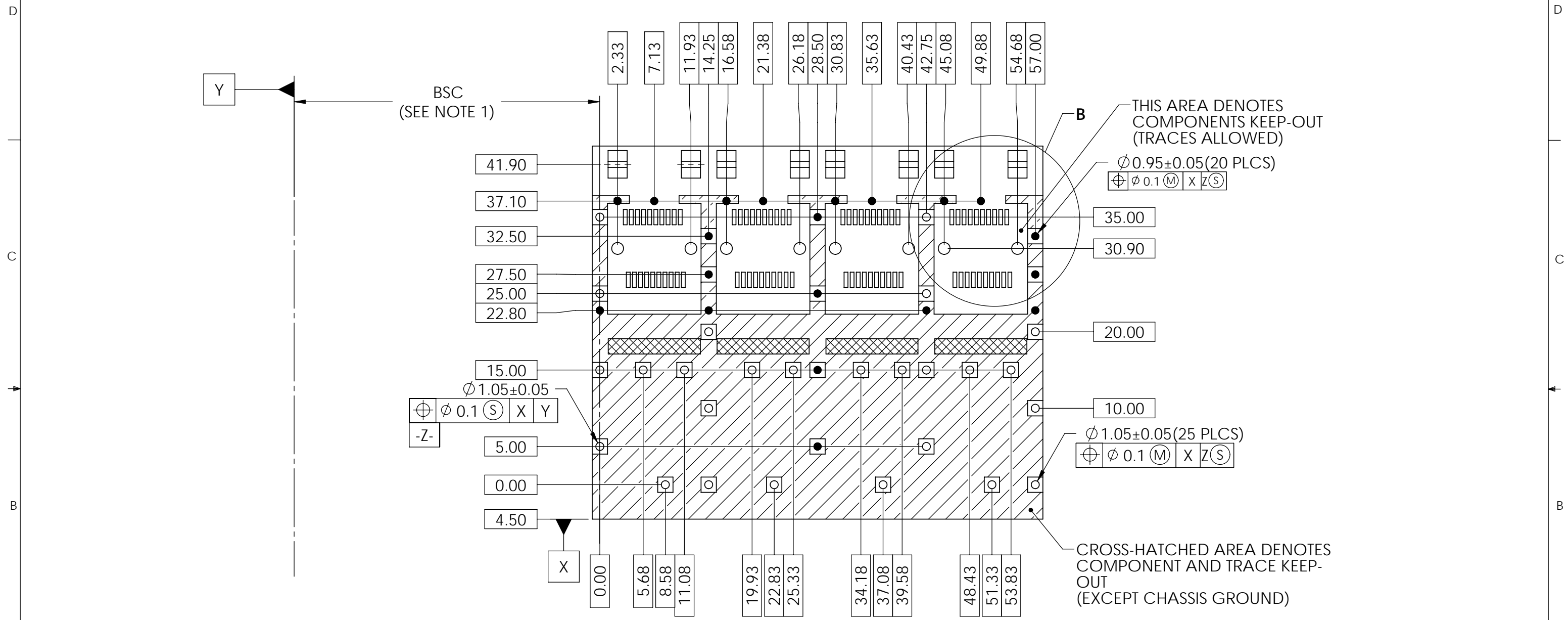
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| | DRAWN | J.SI | | JUL21/09 |
| | DESIGNED | | | |
| | CHECKED | | | |
| MATERIAL AND FINISH | QA APPD | | | |
| SEE NOTE 1 | IE APPD | | | |
| REF. | DWG APPD | | | |
| CODE IDENT. NO. 03554 | | | | |
| | | SCALE 3:1 | PROJECT | |
| | | | SHEET 7 OF 11 | |

- 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 | | | | |
|-----------|---------|-------------|----------|----------|
| REV. | ECN/E-R | DESCRIPTION | DATE | APPROVED |
| A | | PROPOSAL | JUL22/09 | |
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**RECOMMENDED PCB DESIGN
 FOR SINGLE SIDE MOUNTING
 (P/N U77-C461M-X081)**

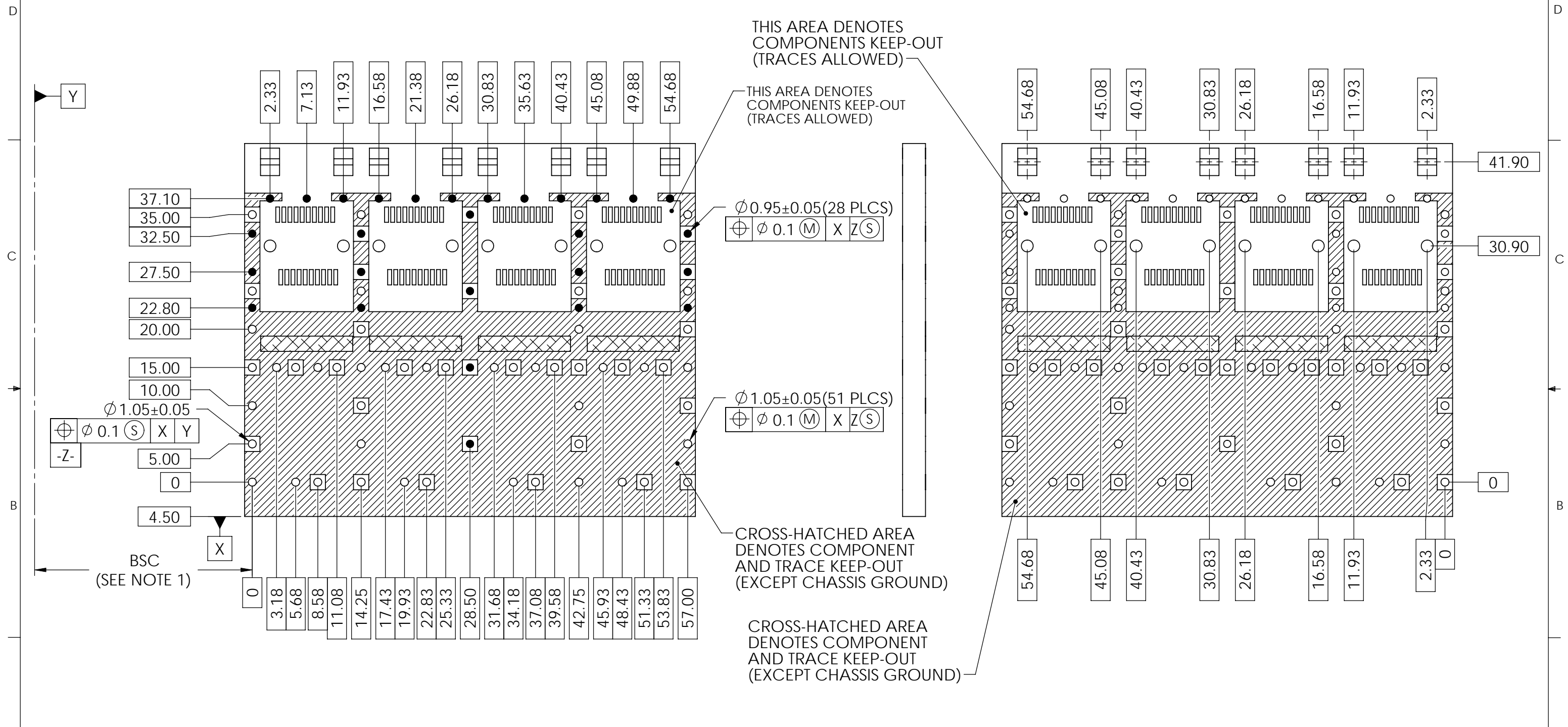
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| | DRAWN J.SI | JUL21/09 | |
| | DESIGNED | | |
| | CHECKED | | |
| | QA APPD | | |
| | IE APPD | | |
| | DWG APPD | | |
| | | | SCALE PROJECT SHEET |
| | | | 1:1 8 OF 11 |

- 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.

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|-----------|---------|-------------|----------|----------|
| REV. | ECN/E-R | DESCRIPTION | DATE | APPROVED |
| A | | PROPOSAL | JUL22/09 | |
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**RECOMMENDED PCB DESIGN
 FOR BELLY TO BELLY MOUNTING**

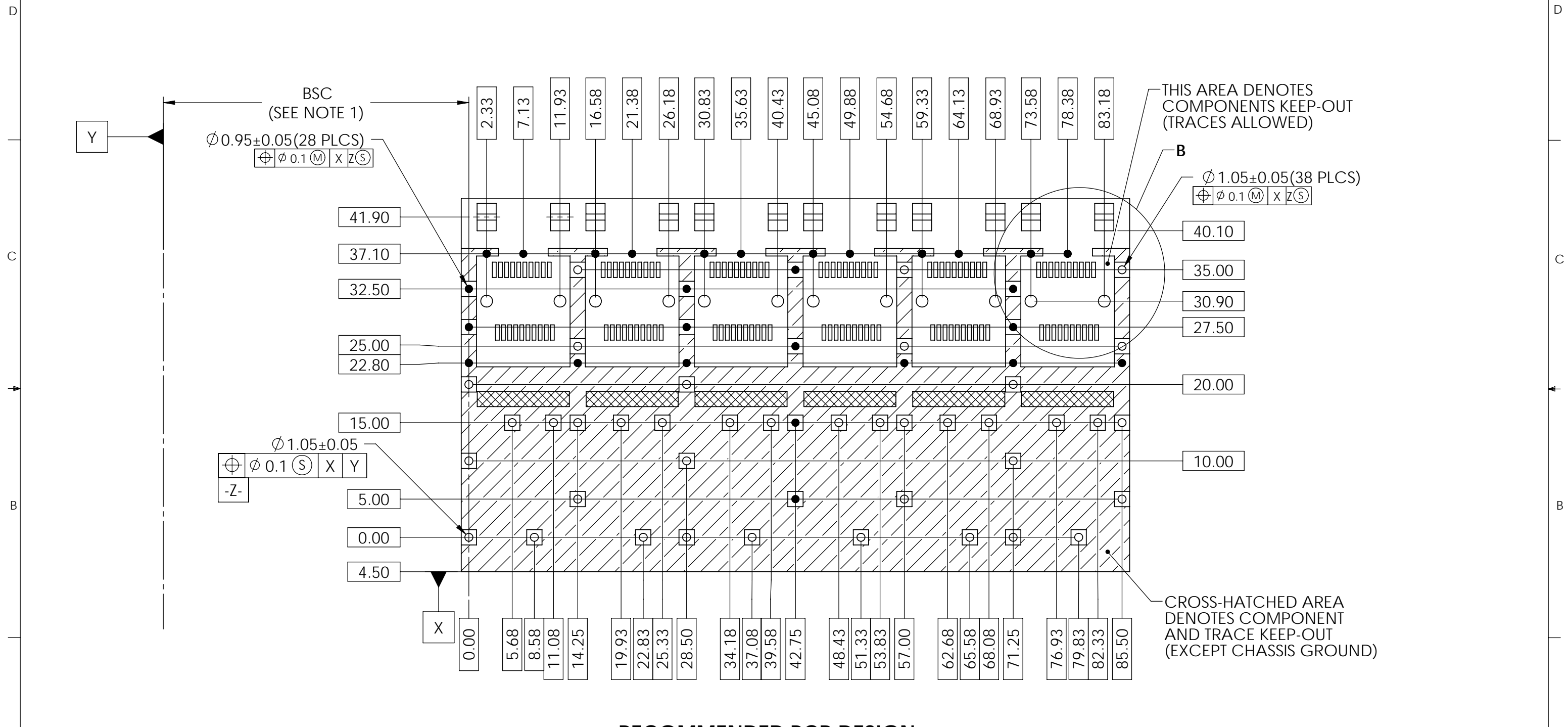
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| | DRAWN: J.SI | JUL21/09 | |
| | DESIGNED: | | |
| | CHECKED: | | |
| | QA APPD: | | |
| | IE APPD: | | |
| | DWG APPD: | | |

- 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 | | | | |
|-----------|---------|-------------|----------|----------|
| REV. | ECN/E-R | DESCRIPTION | DATE | APPROVED |
| A | | PROPOSAL | JUL22/09 | |
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**RECOMMENDED PCB DESIGN
 FOR SINGLE SIDE MOUNTING
 (P/N U77-C661M-X081)**

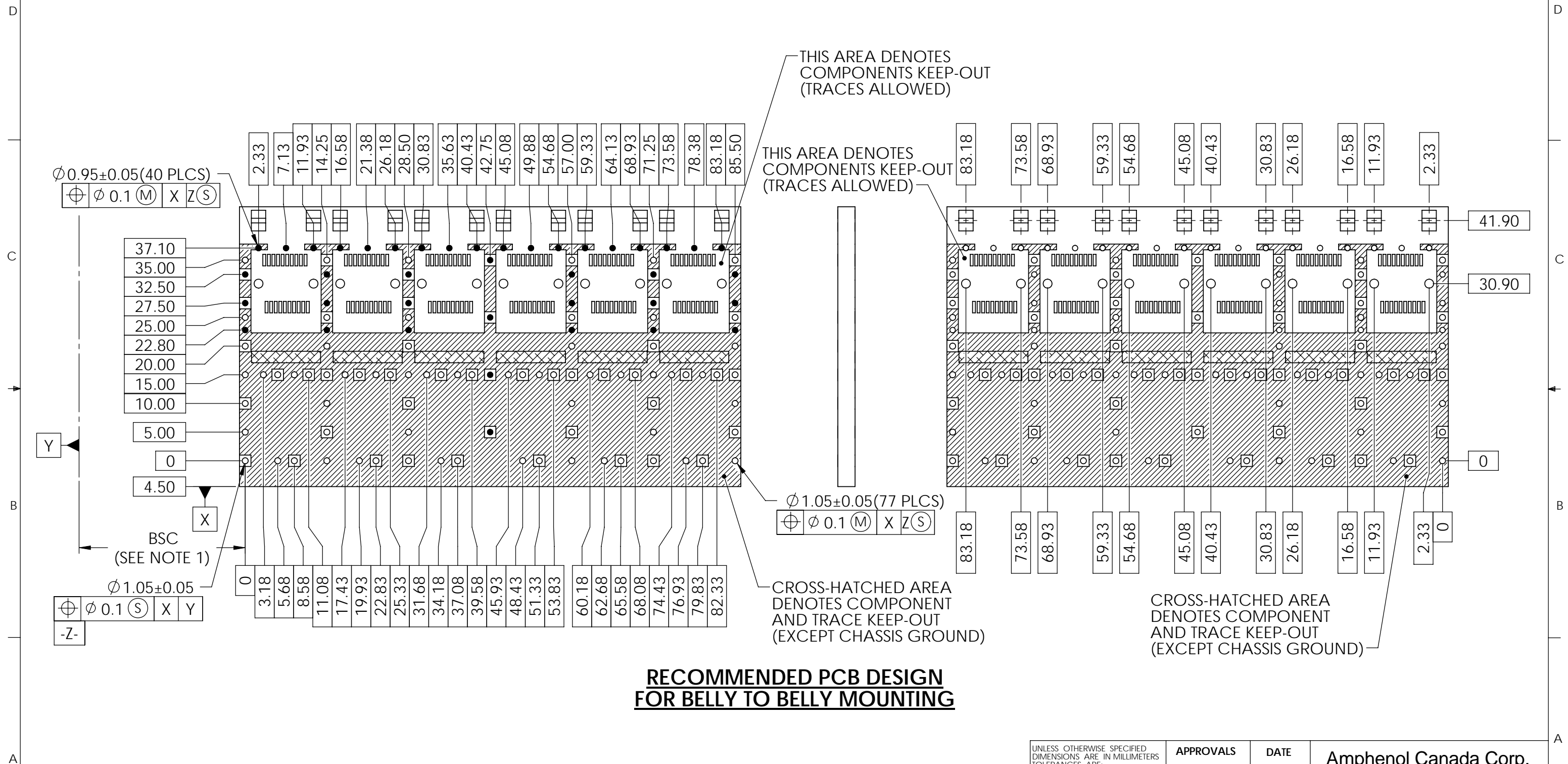
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| | DRAWN J.SI | JUL21/09 | |
| | DESIGNED | | |
| | CHECKED | | |
| | QA APPD | | |
| | IE APPD | | |
| | DWG APPD | | |
| | | | SIZE DWG. NO REV. A3 P-U77-CX41M-X081 A |
| | | | SCALE PROJECT SHEET 1:1 10 OF 11 |

- 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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RECOMMENDED PCB DESIGN FOR BELLY TO BELLY MOUNTING

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| | DRAWN | J.SI | | JUL21/09 |
| | DESIGNED | | | |
| | CHECKED | | | |
| MATERIAL AND FINISH SEE NOTE 1 | QA APPD | | | |
| REF. | IE APPD | | | |
| CODE IDENT. NO. 03554 | DWG APPD | | | |
| | | SCALE 3:2 | PROJECT | |
| | | | SHEET 11 OF 11 | |

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).



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