

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

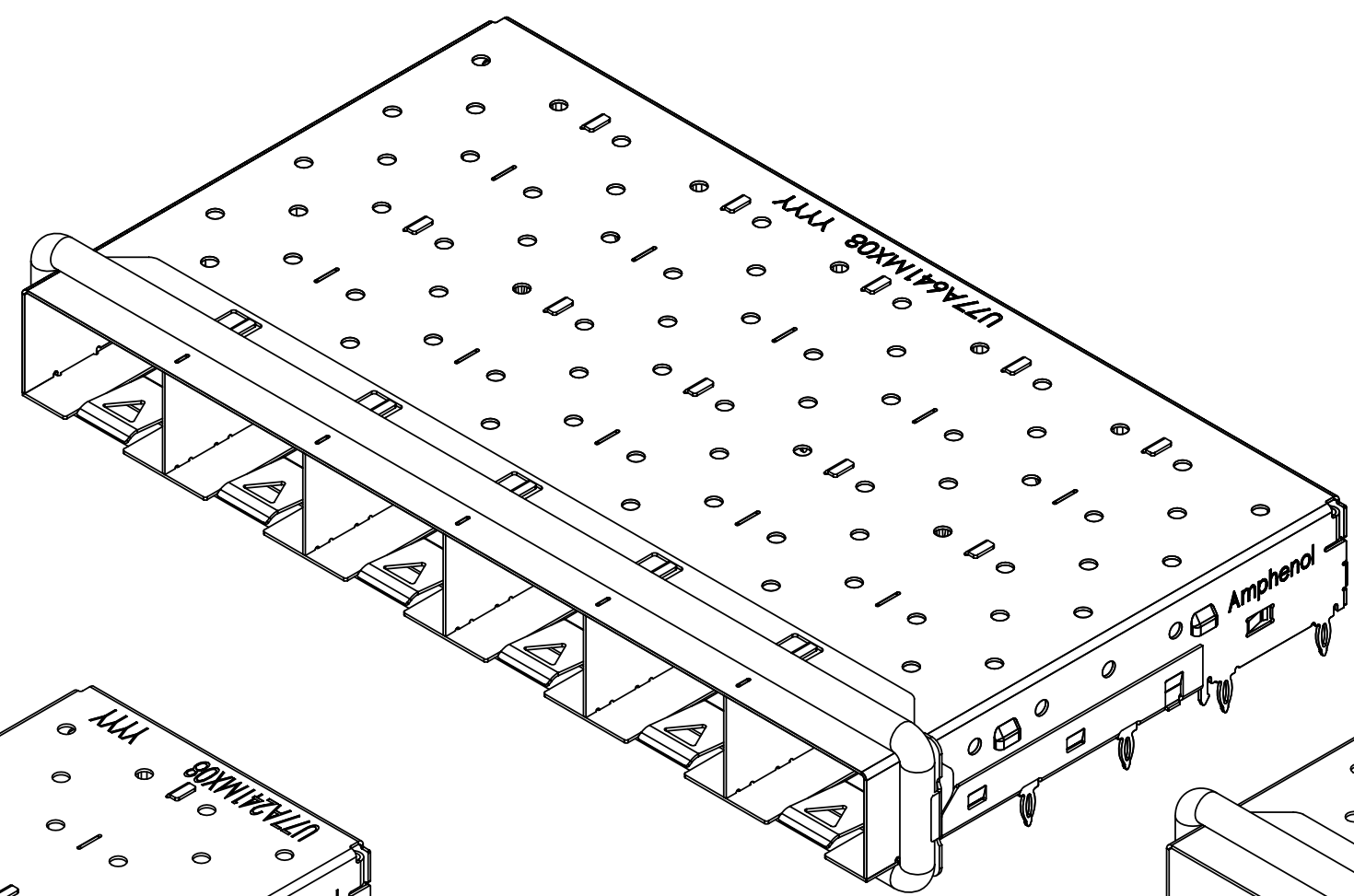
PLATING OPTION X=2:  
2.54um MIN. NICKEL

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

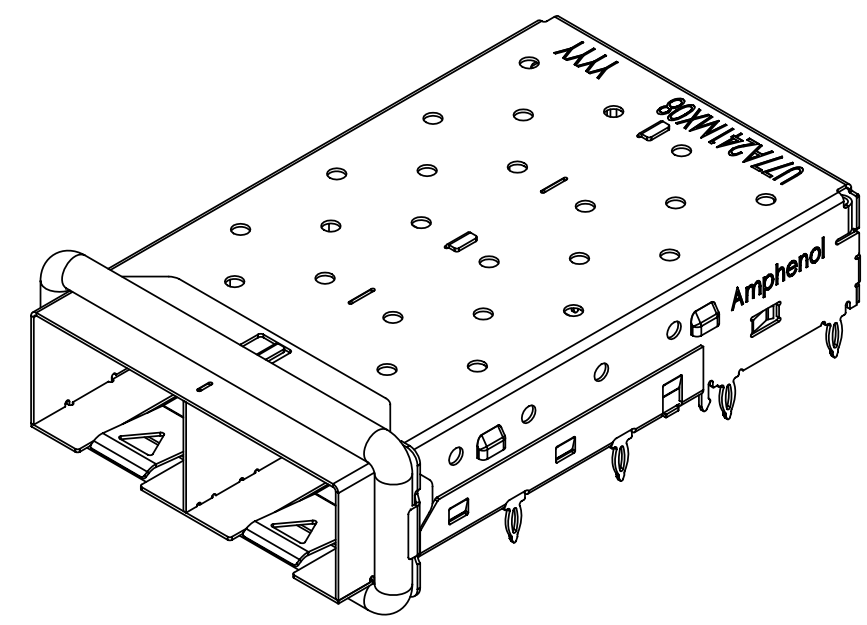
GASKET:  
CONDUCTIVE ELASTOMER  
FLAMMABILITY RATING  
UL94-V0

PACKAGING:  
TRAY PACKAGING

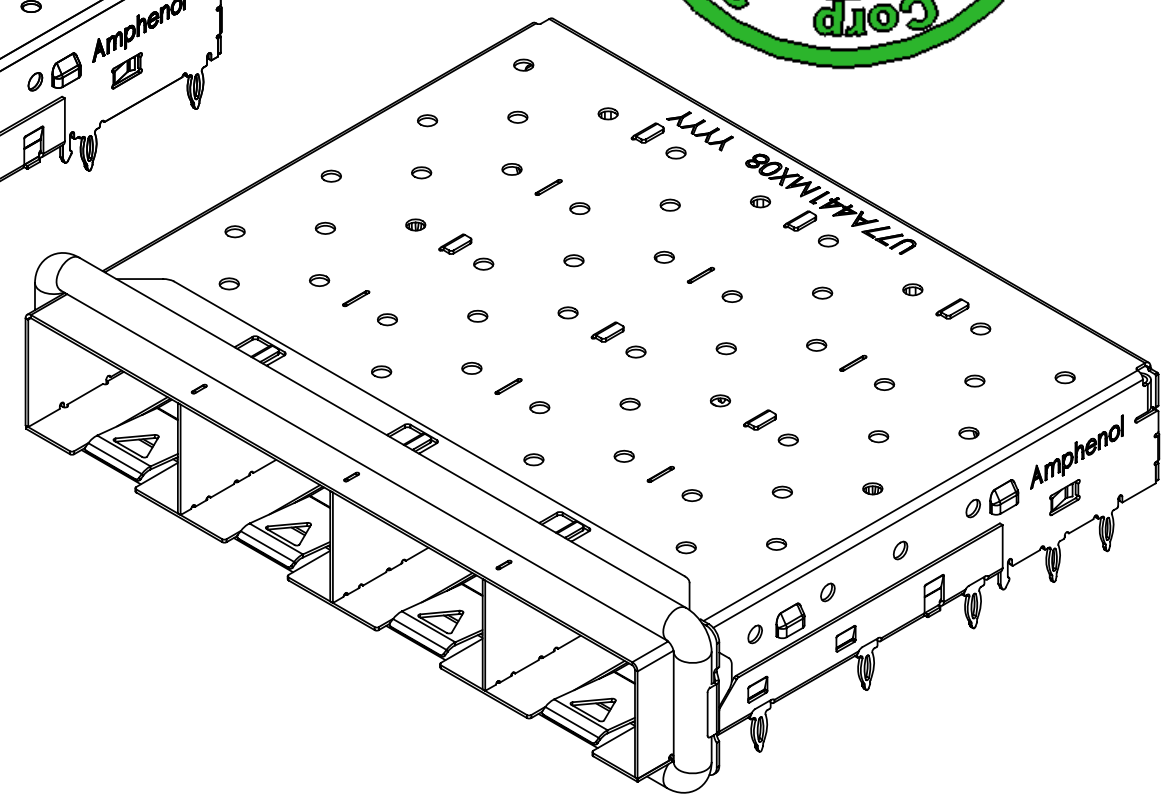
TEMPERATURE RANGE:  
-40C TO +85C



**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:**

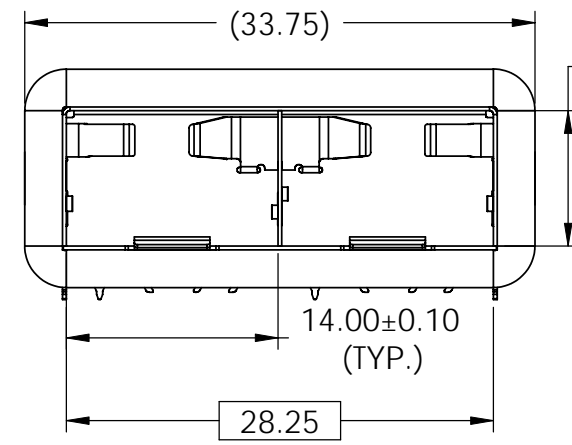
**PRODUCT COMPLIES WITH SFF 8433 SPEC.**

**DO NOT SCALE DRAWING**

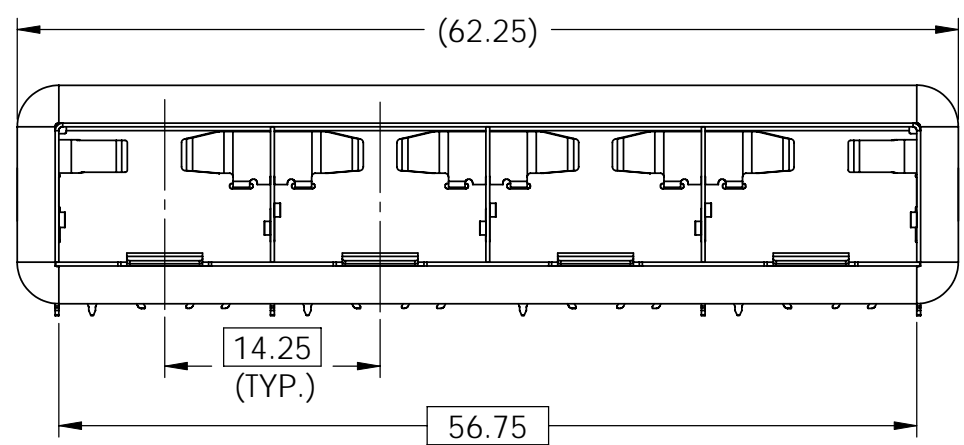
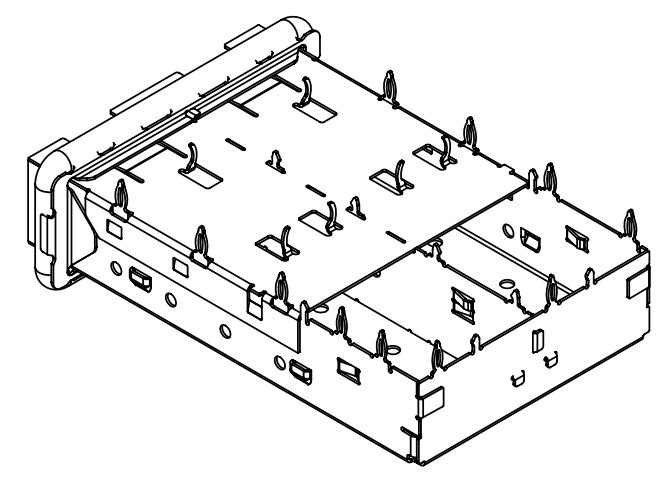
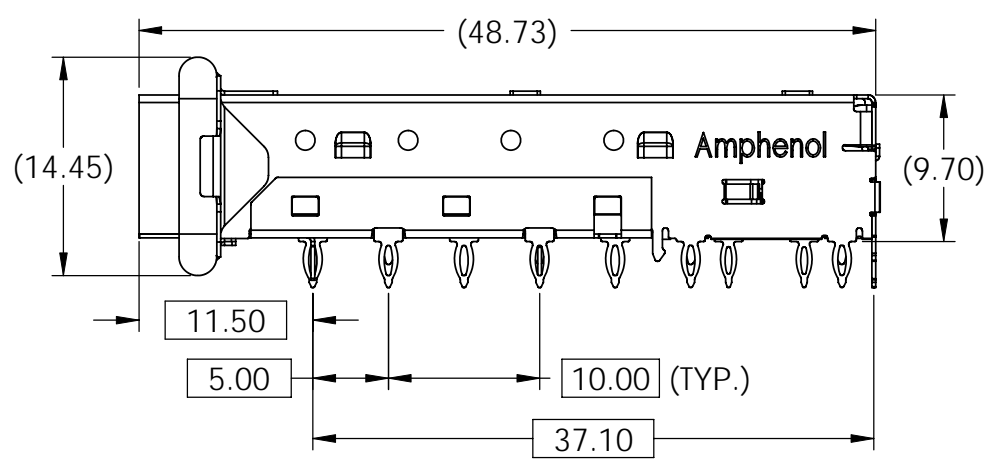
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DECIMALS X.X ± 0.38 X.XX ± 0.25	ANGLES ± 1°	DRAWN ChigowX	DESIGNED	MAR04/09	TITLE	
MATERIAL AND FINISH SEE NOTE 1		CHECKED J.SI	QA APPD	MAR26/09	1XN SFP+ CAGE ASSEMBLY WITH ELASTOMERIC GASKET	
REF.		IE APPD			SIZE A3	DWG. NO P-U77-AX41M-X081
CODE IDENT. NO. 03554		DWG APPD A.G.		MAR26/09	SCALE 2:1	PROJECT SHEET 1 OF 10

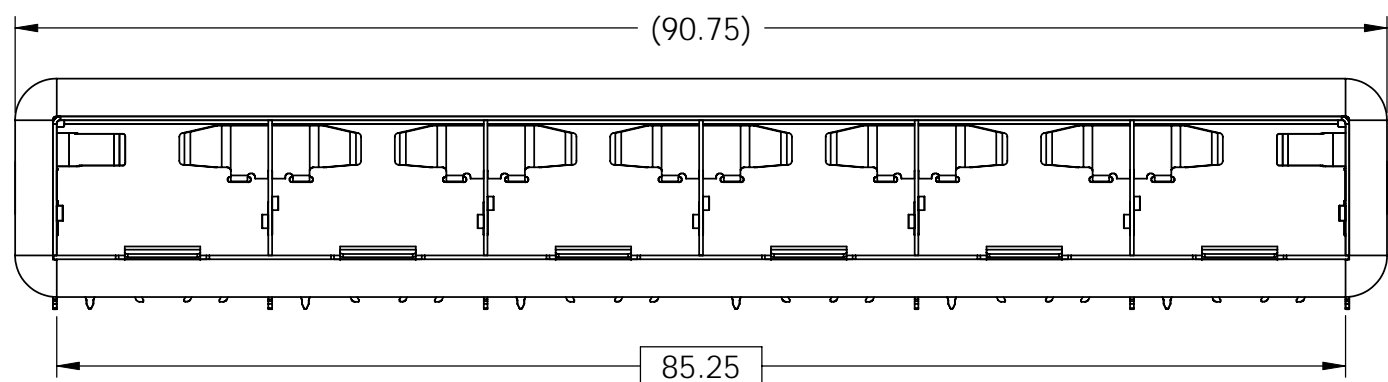
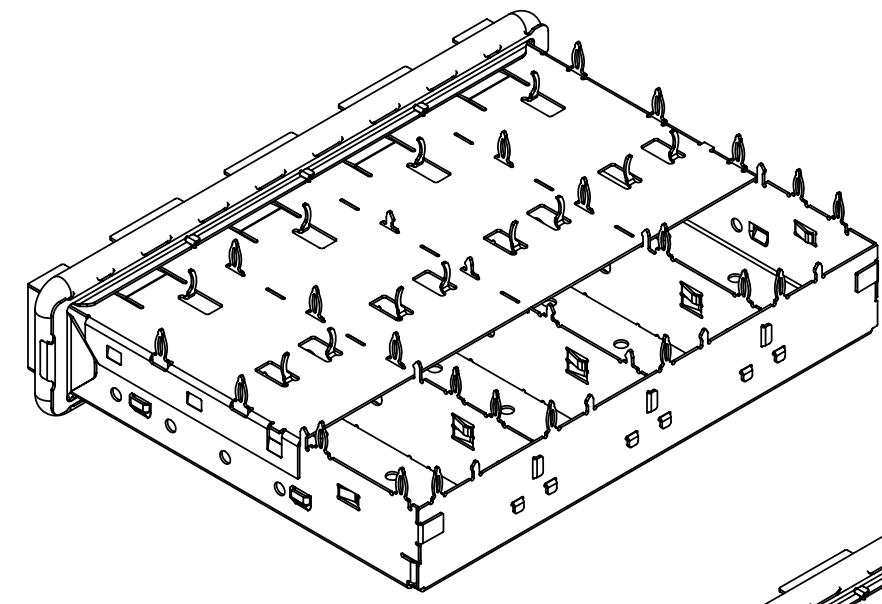
REVISIONS				
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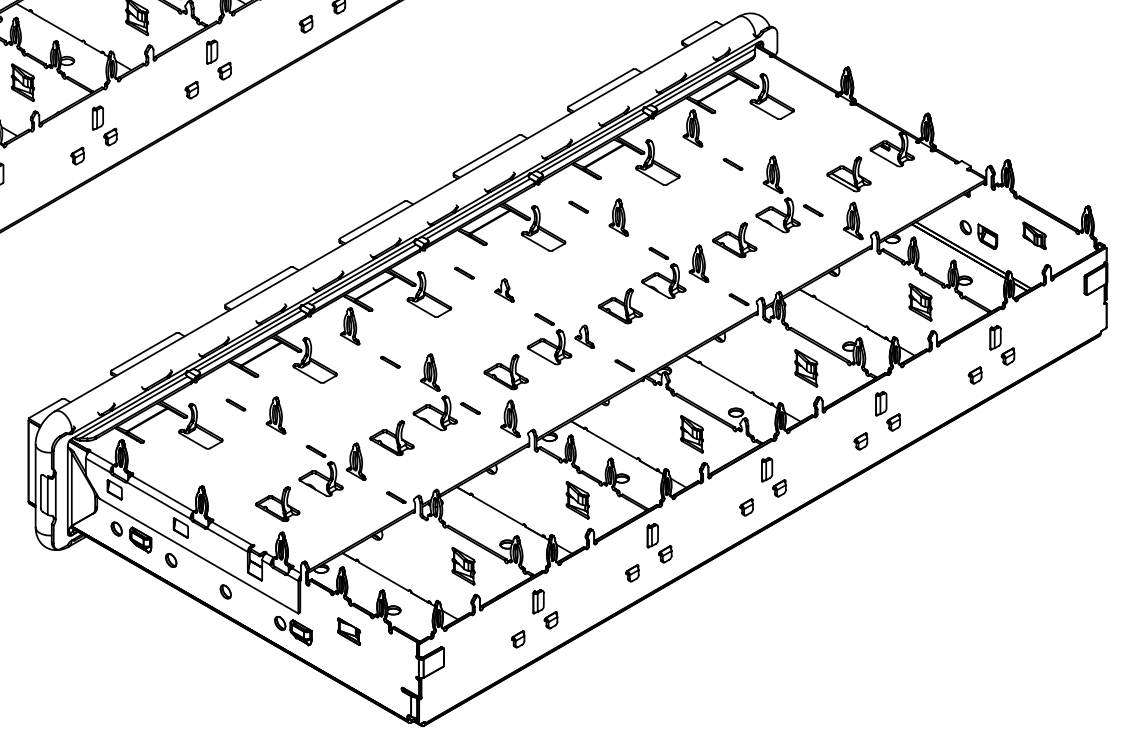
U77-A241M-X081



U77-A441M-X081



U77-A641M-X081



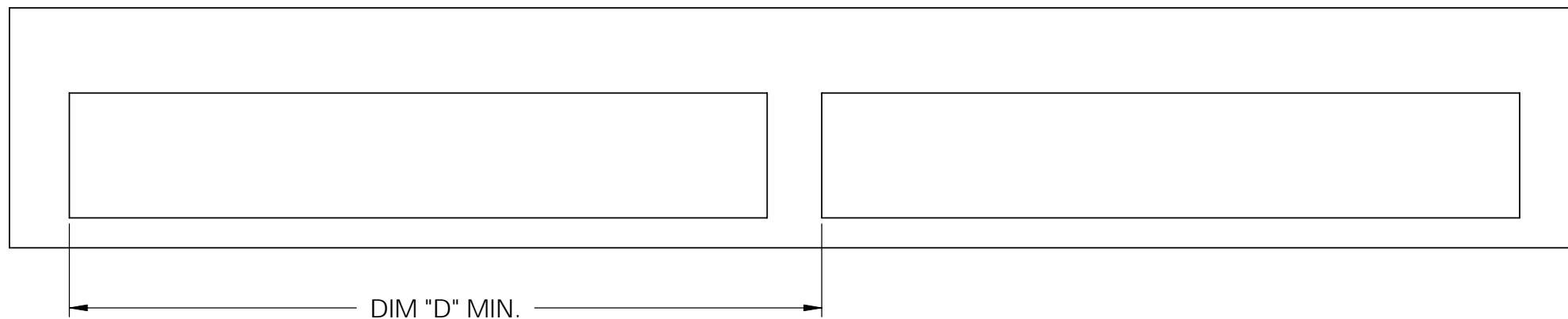
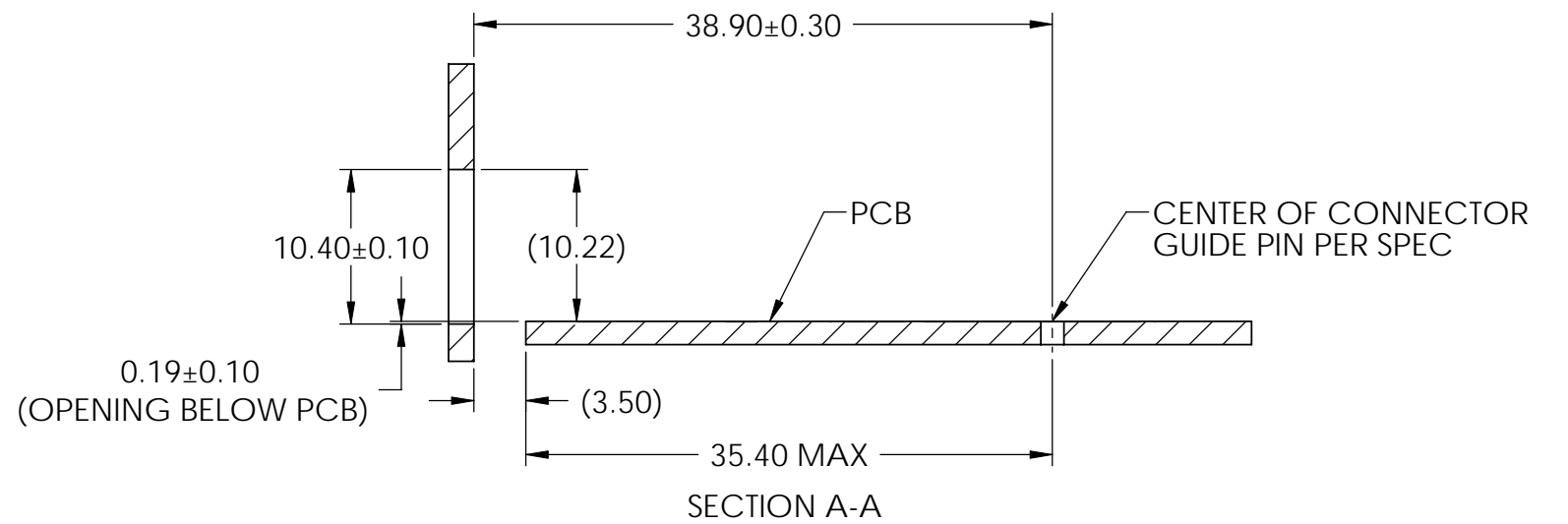
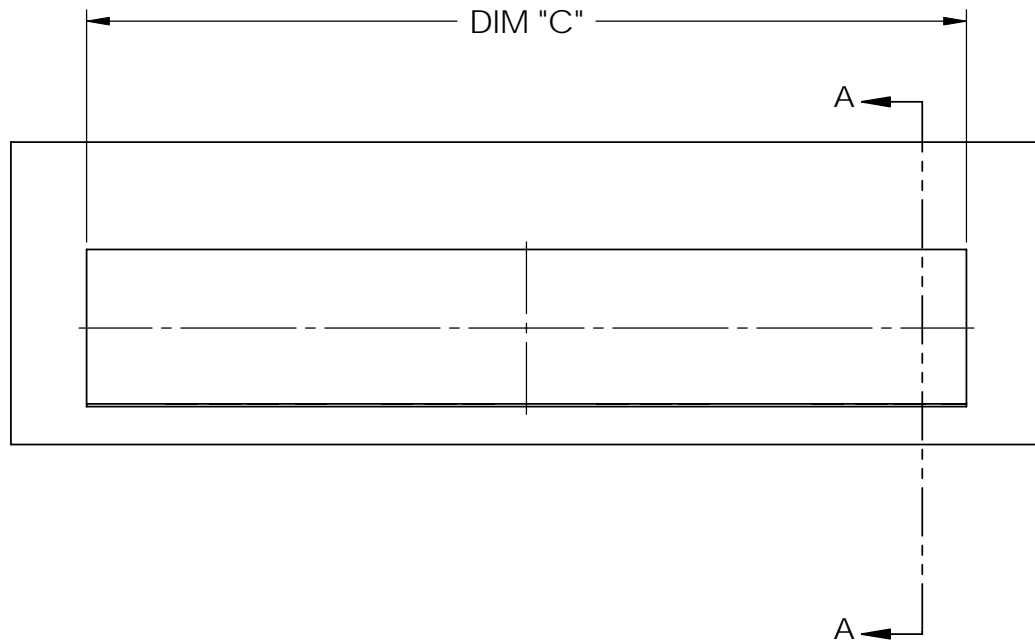
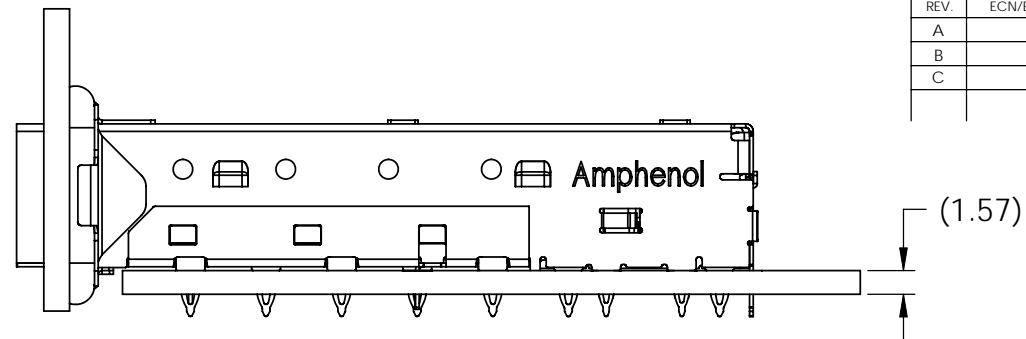
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DECIMALS X.X ± 0.38 X.XX ± 0.25	ANGLES ± 1°	DRAWN ChigowX	DESIGNED	MAR04/09			
MATERIAL AND FINISH SEE NOTE 1		CHECKED J.SI	QA APPD	MAR26/09		SIZE A3	DWG. NO P-U77-AX41M-X081
REF.		IE APPD				SCALE 2:1	PROJECT
CODE IDENT. NO. 03554		DWG APPD A.G.		MAR26/09		SHEET 2 OF 10	REV. C

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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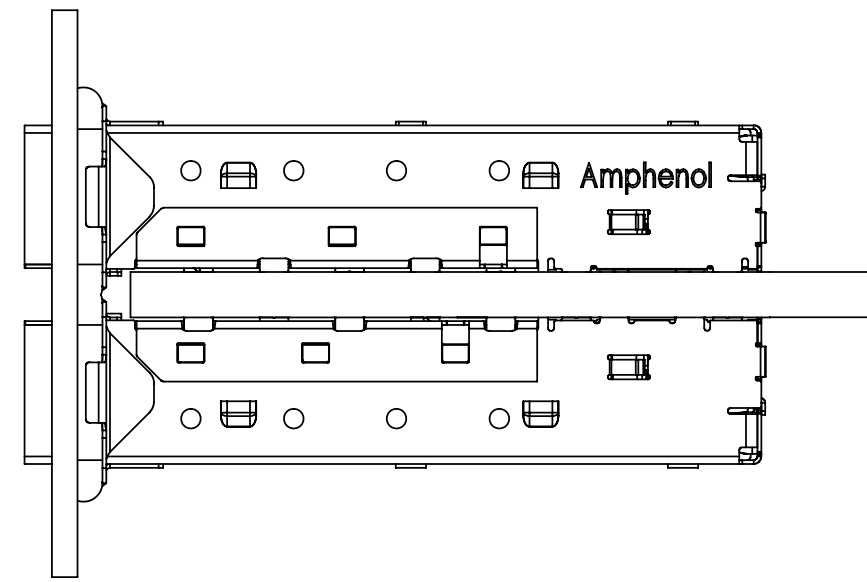


UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS X.X ± 0.38 X.XX ± 0.25 MATERIAL AND FINISH SEE NOTE 1 REF. CODE IDENT. NO. 03554		APPROVALS		DATE	Amphenol Canada Corp. TITLE 1XN SFP+ CAGE ASSEMBLY WITH ELASTOMERIC GASKET
		DESIGNED ChigowX	DESIGNED	MAR04/09	
		CHECKED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

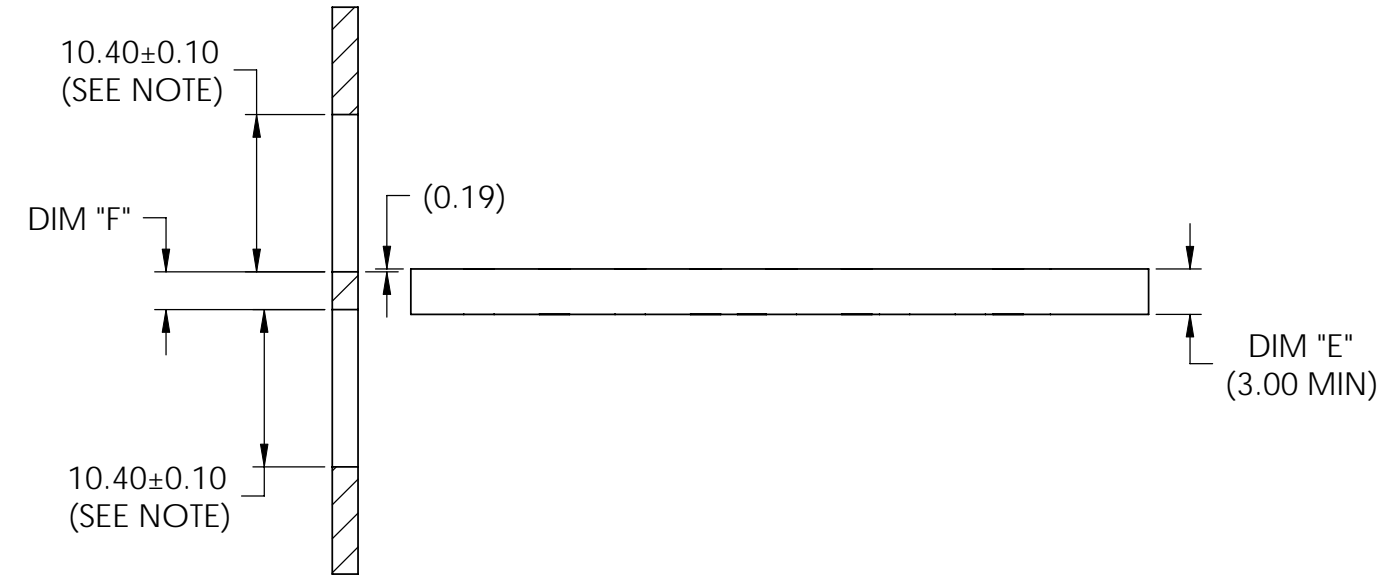
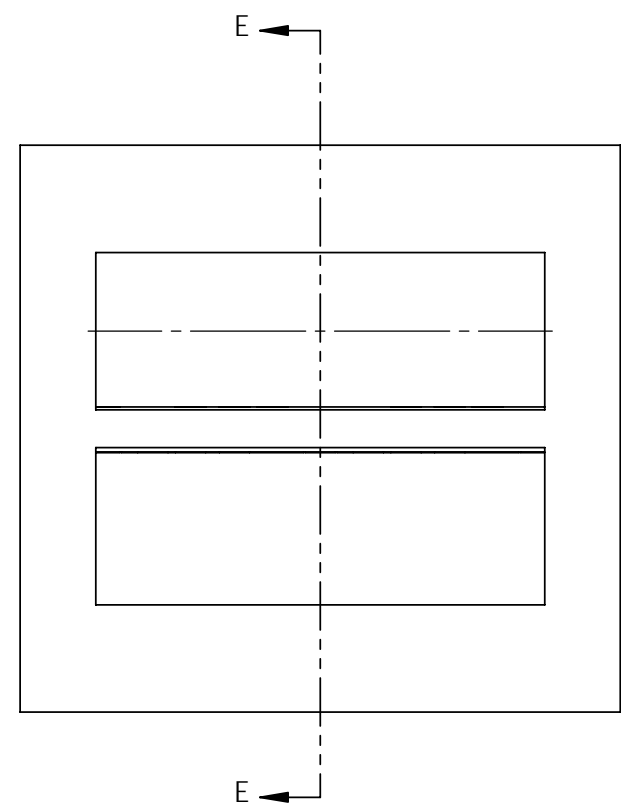
**DO NOT SCALE DRAWING**

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B		UPDATED	JUL14/09	
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

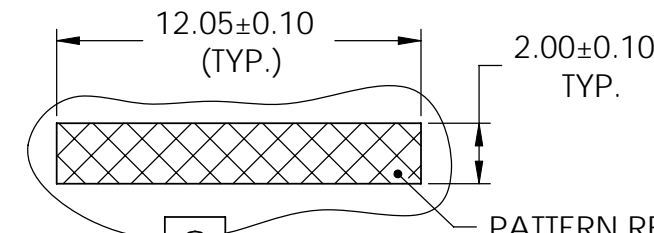
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS      ANGLES X.X ± 0.38      ± 1° X.XX ± 0.25		<b>APPROVALS</b>		<b>DATE</b>	<b>Amphenol Canada Corp.</b>	
MATERIAL AND FINISH SEE NOTE 1		DRAWN ChigowX	DESIGNED	MAR04/09		
REF.		CHECKED J.SI	QA APPD	MAR26/09	<b>1XN SFP+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

DO NOT SCALE DRAWING

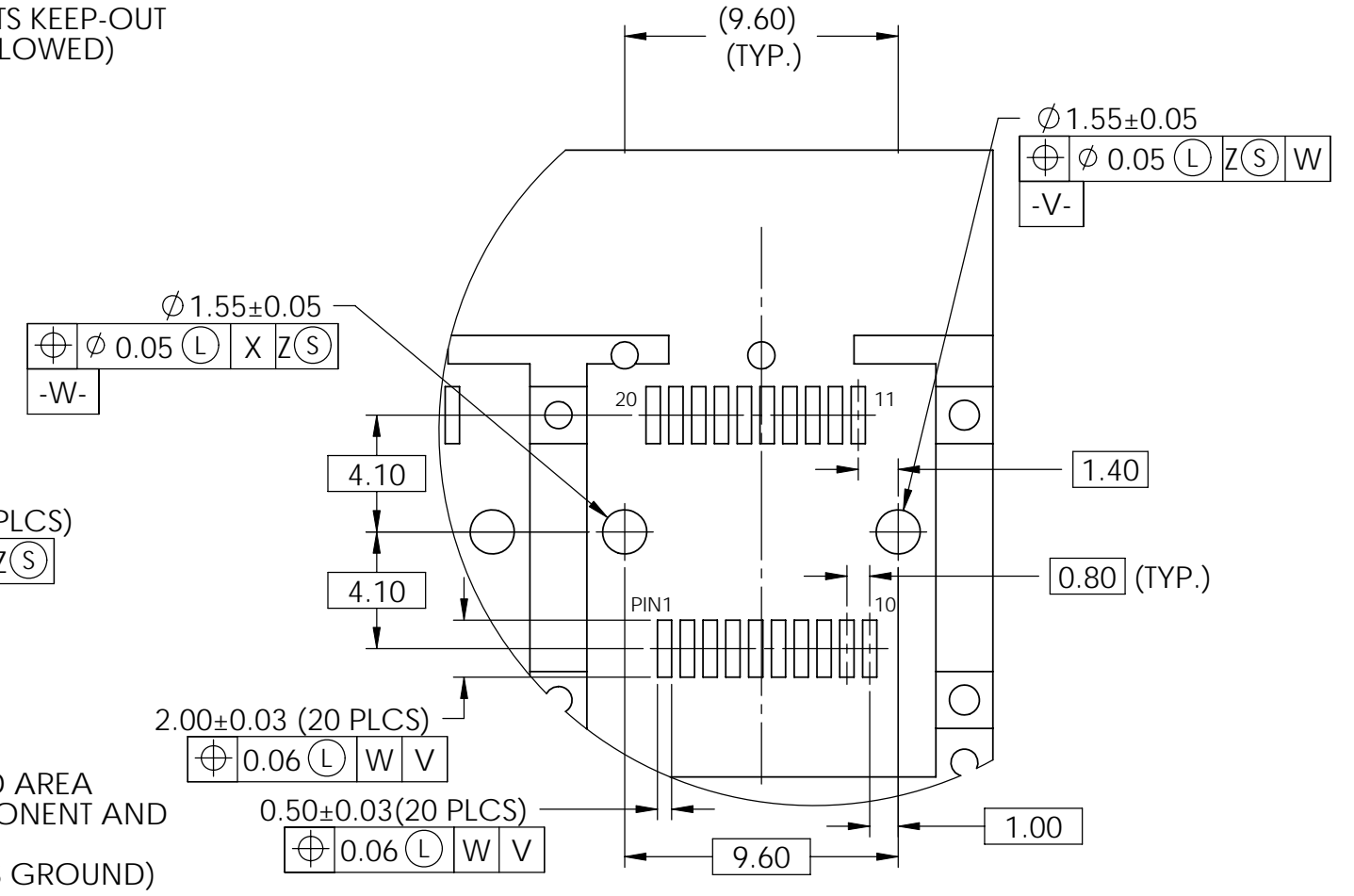
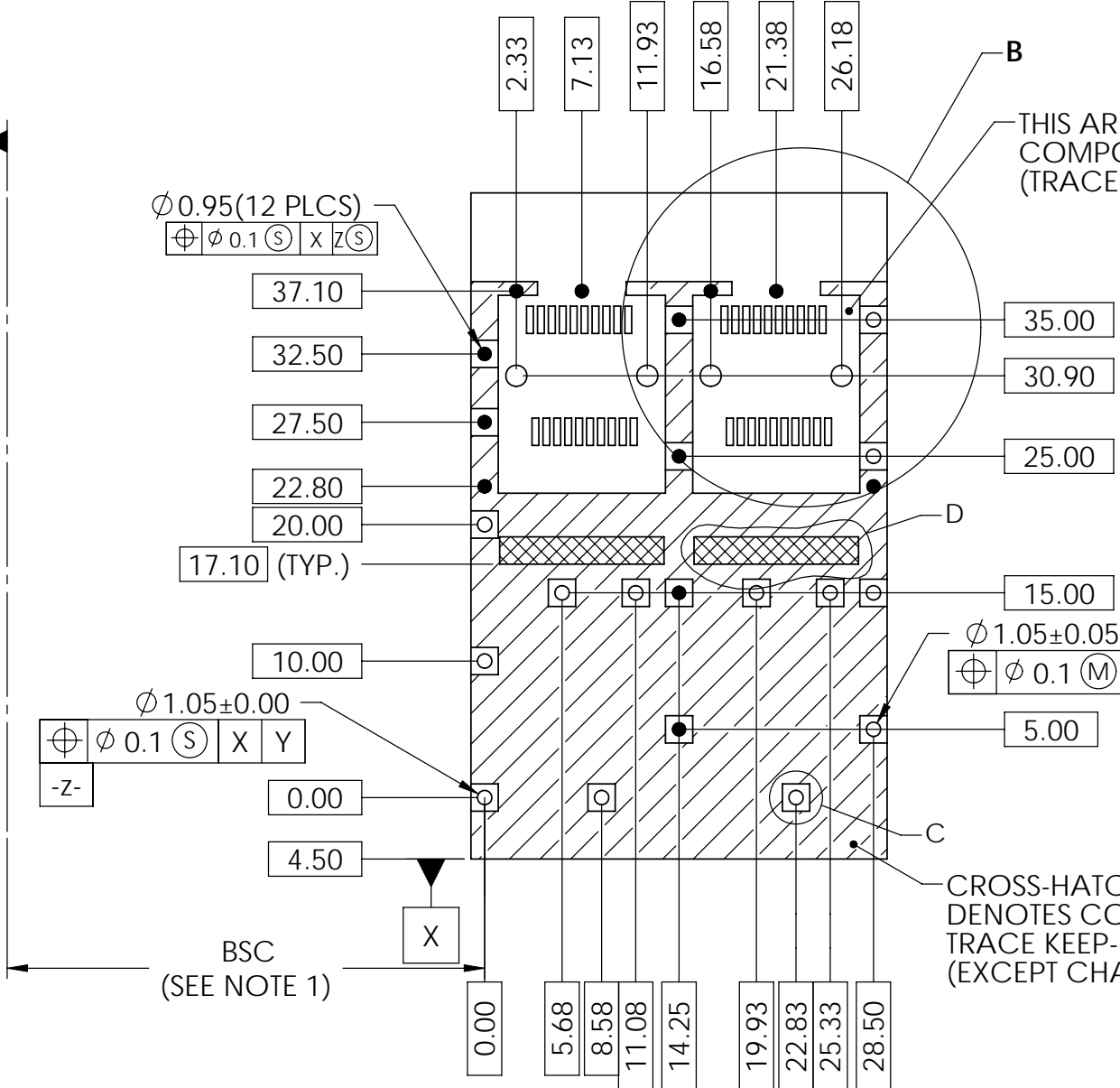
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- NOTES:  
 1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.  
 2. PADS AND VIAS ARE CHASSIS GROUND.  
 3. THRU-HOLES, PLATING OPTIONAL.  
 4. SEE DRAWINGS P-UX76-A20-X00XX FOR CONNECTOR LAYOUT.

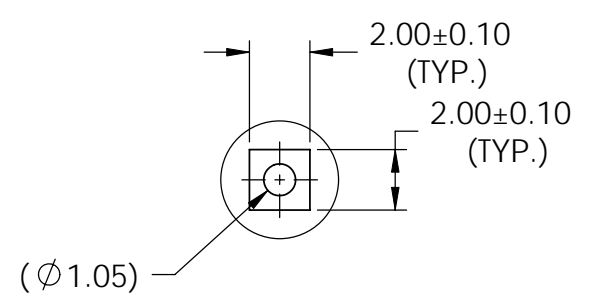
REVISIONS				
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B		UPDATED	JUL14/09	
C		B-B APPLICATION SPECIFIED	AUG14/09	



DETAIL D  
SCALE 4 : 1



DETAIL B  
SCALE 4 : 1



DETAIL C  
SCALE 4 : 1

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

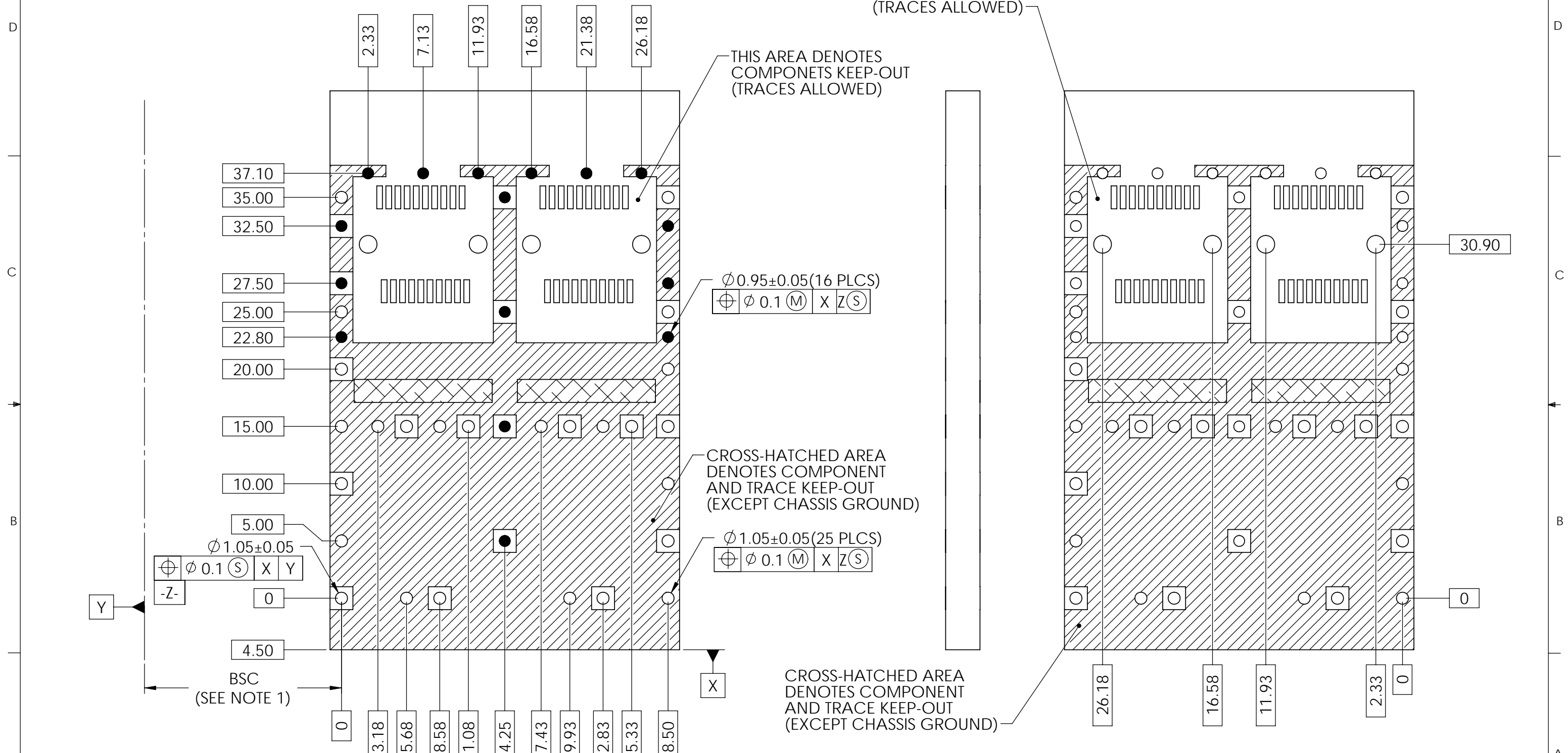
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	DRAWN ChigowX DESIGNED	MAR04/09		
	CHECKED J.SI QA APPD	MAR26/09	1XN SFP+ CAGE ASSEMBLY WITH ELASTOMERIC GASKET	
	IE APPD		SIZE A3 SCALE 2:1	DWG. NO. P-U77-AX41M-X081 PROJECT
	DWG APPD A.G.	MAR26/09	REV. C	SHEET 5 OF 10

- 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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B		UPDATED	JUL14/09	
C		B-B APPLICATION SPECIFIED	AUG14/09	



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

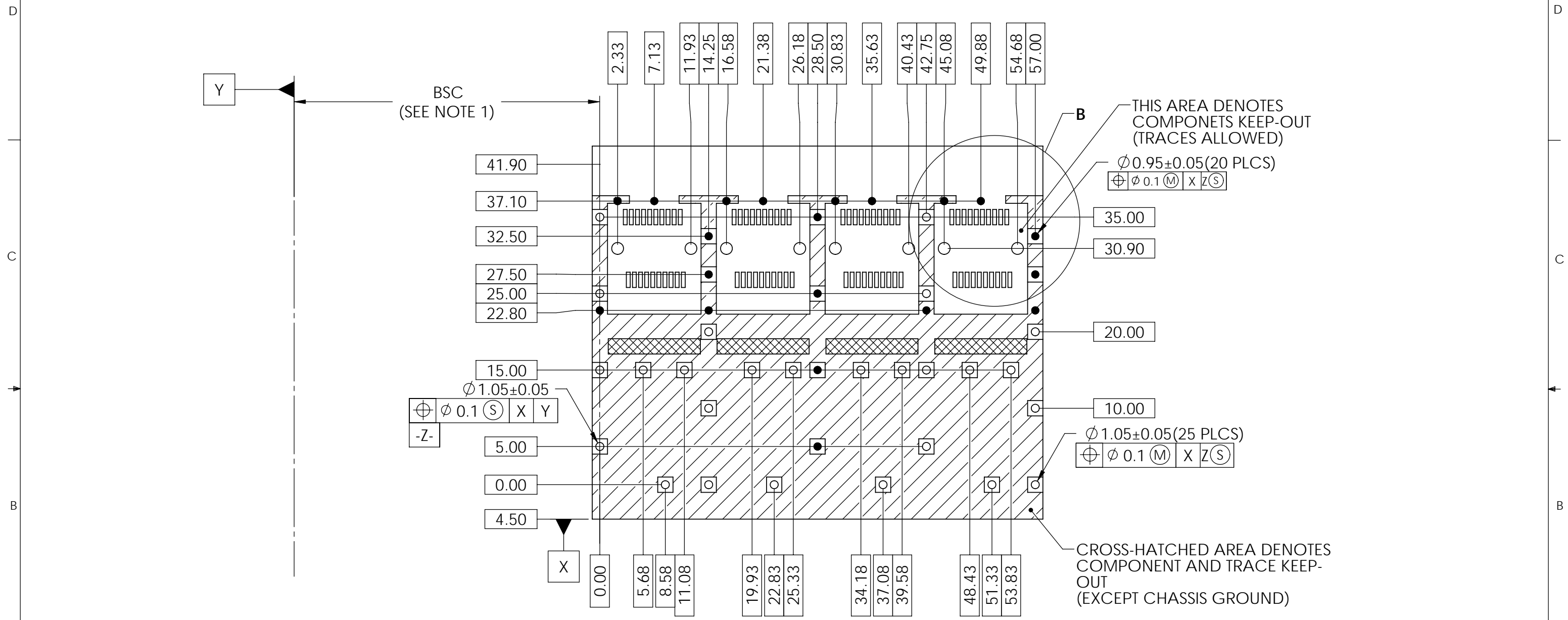
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	DRAWN: ChigowX	MAR04/09		
	CHECKED: J.SI	MAR26/09	<b>1XN SFP+ CAGE ASSEMBLY WITH ELASTOMERIC GASKET</b>	
	QA APPD			
MATERIAL AND FINISH: SEE NOTE 1	IE APPD		SIZE: A3	DWG. NO: P-U77-AX41M-X081
REF.	DWG APPD: A.G.	MAR26/09	SCALE: 3:1	PROJECT
CODE IDENT. 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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B		UPDATED	JUL14/09	
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**RECOMMENDED PCB DESIGN  
 FOR SINGLE SIDE MOUNTING  
 (P/N U77-A441M-X081)**

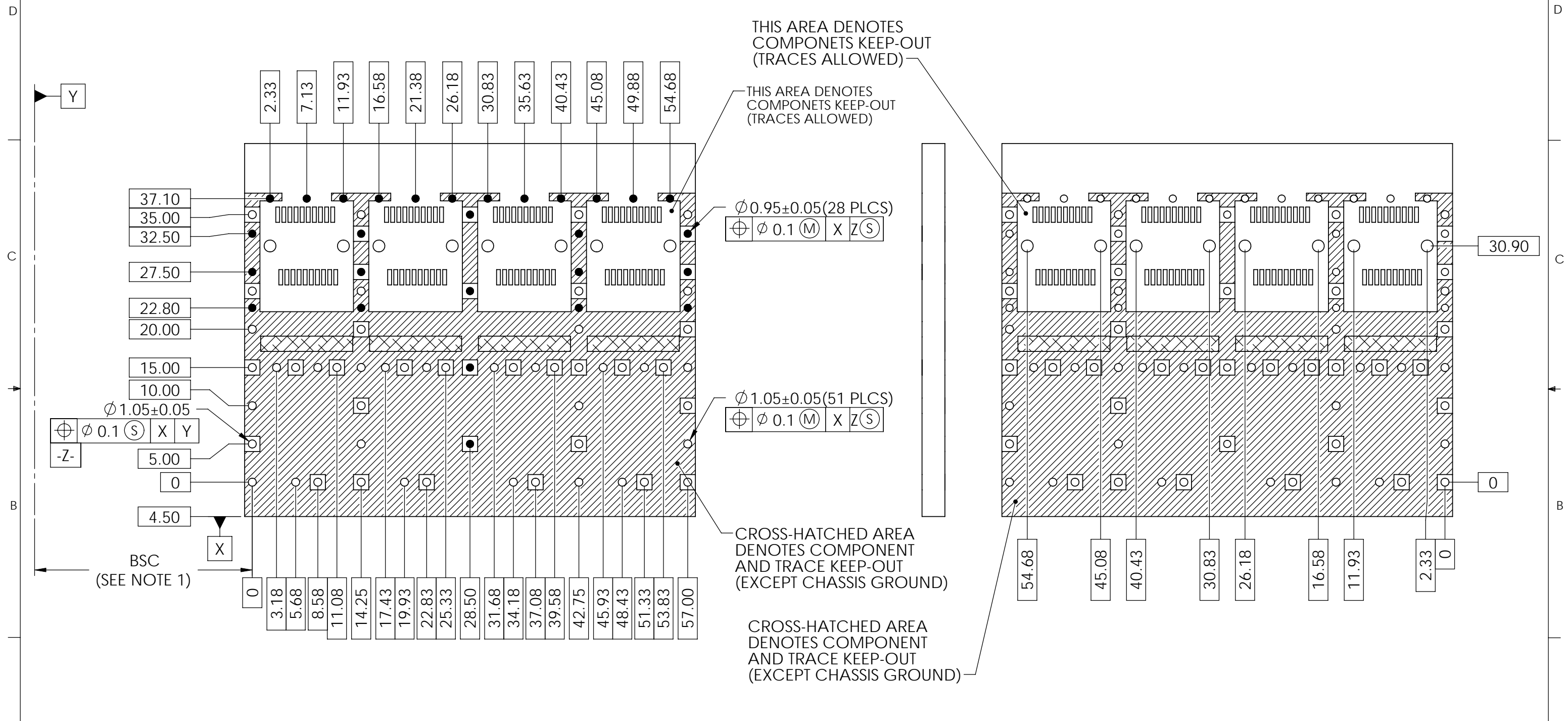
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	DRAWN <b>ChigowX</b>	MAR04/09	
	DESIGNED		
	CHECKED <b>J.SI</b>	MAR26/09	
	QA APPD		
	IE APPD		
	DWG APPD <b>A.G.</b>	MAR26/09	

- NOTES:  
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 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  
 (P/N U77-A441M-X081)**

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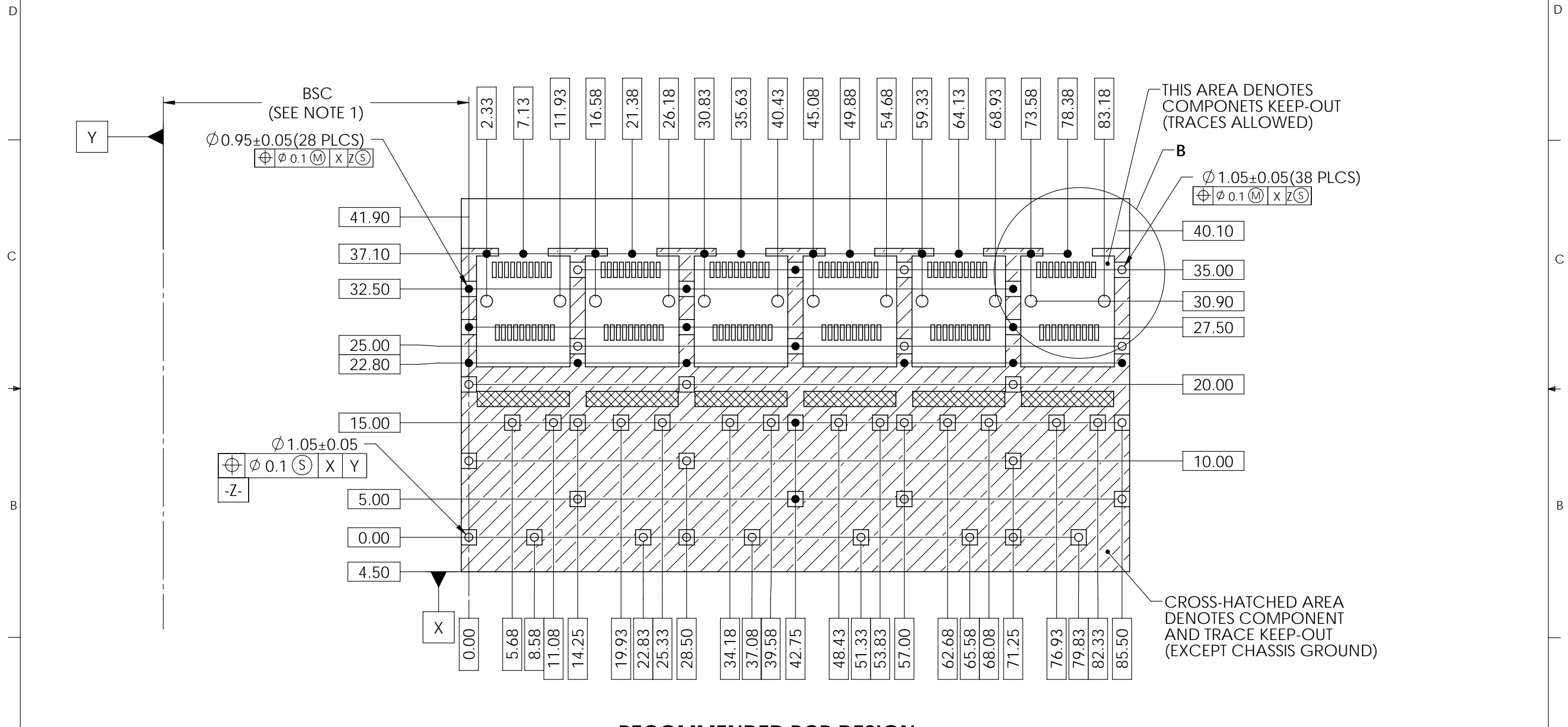
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	DRAWN ChigowX DESIGNED CHECKED J.SI QA APPD IE APPD DWG APPD A.G.	MAR04/09  MAR26/09  MAR26/09	
		SIZE A3 SCALE 2:1	DWG. NO. P-U77-AX41M-X081 PROJECT SHEET 8 OF 10



- 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 SINGLE SIDE MOUNTING  
 (P/N U77-A641M-X081)**

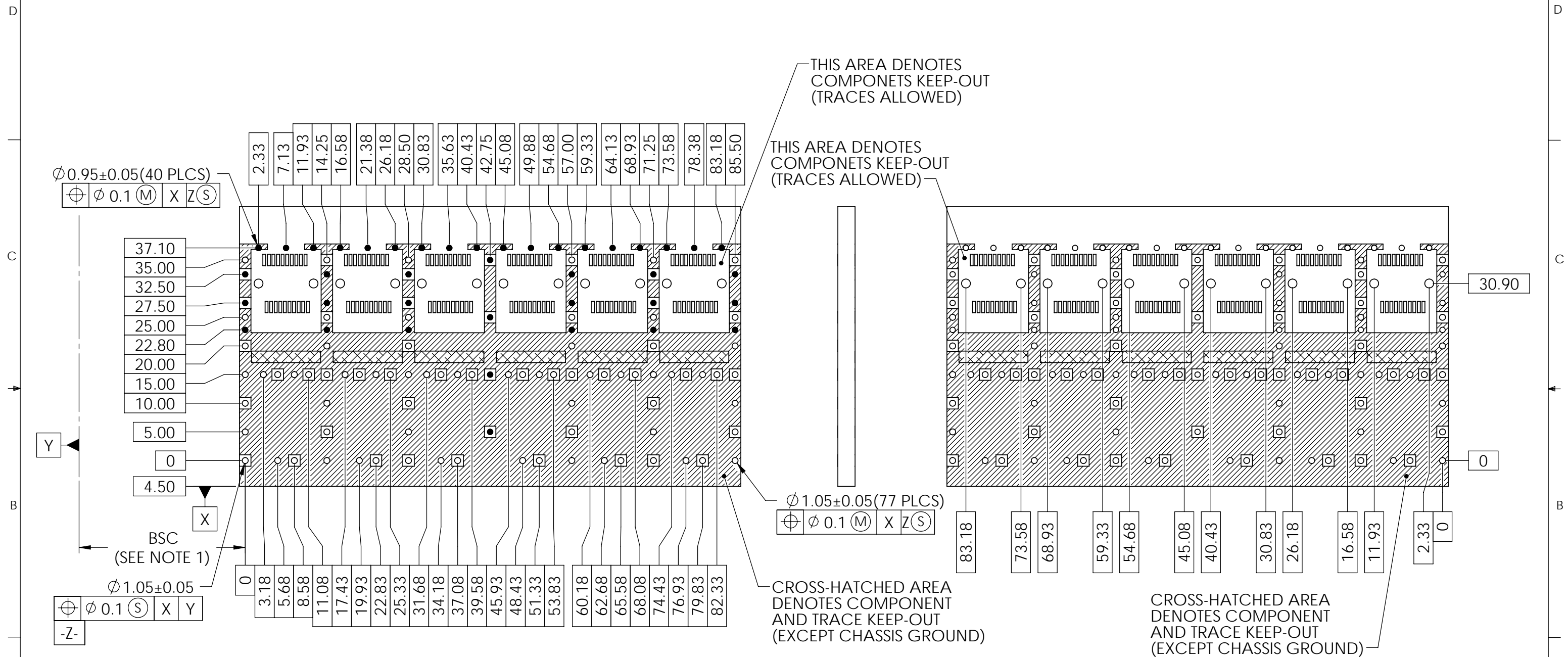
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 (P/N U77-A641M-X081)**

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	DRAWN: ChigowX	MAR04/09	
MATERIAL AND FINISH SEE NOTE 1	CHECKED: J.SI	MAR26/09	<b>1XN SFP+ CAGE ASSEMBLY WITH ELASTOMERIC GASKET</b>
REF.	IE APPD		SIZE: A3    DWG. NO: P-U77-AX41M-X081    REV: C
CODE IDENT. NO: 03554	DWG APPD: A.G.	MAR26/09	SCALE: 3:2    PROJECT:    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](mailto:ocean@oceanchips.ru)

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

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