

MATERIAL:

CAGE:  
COPPER ALLOY

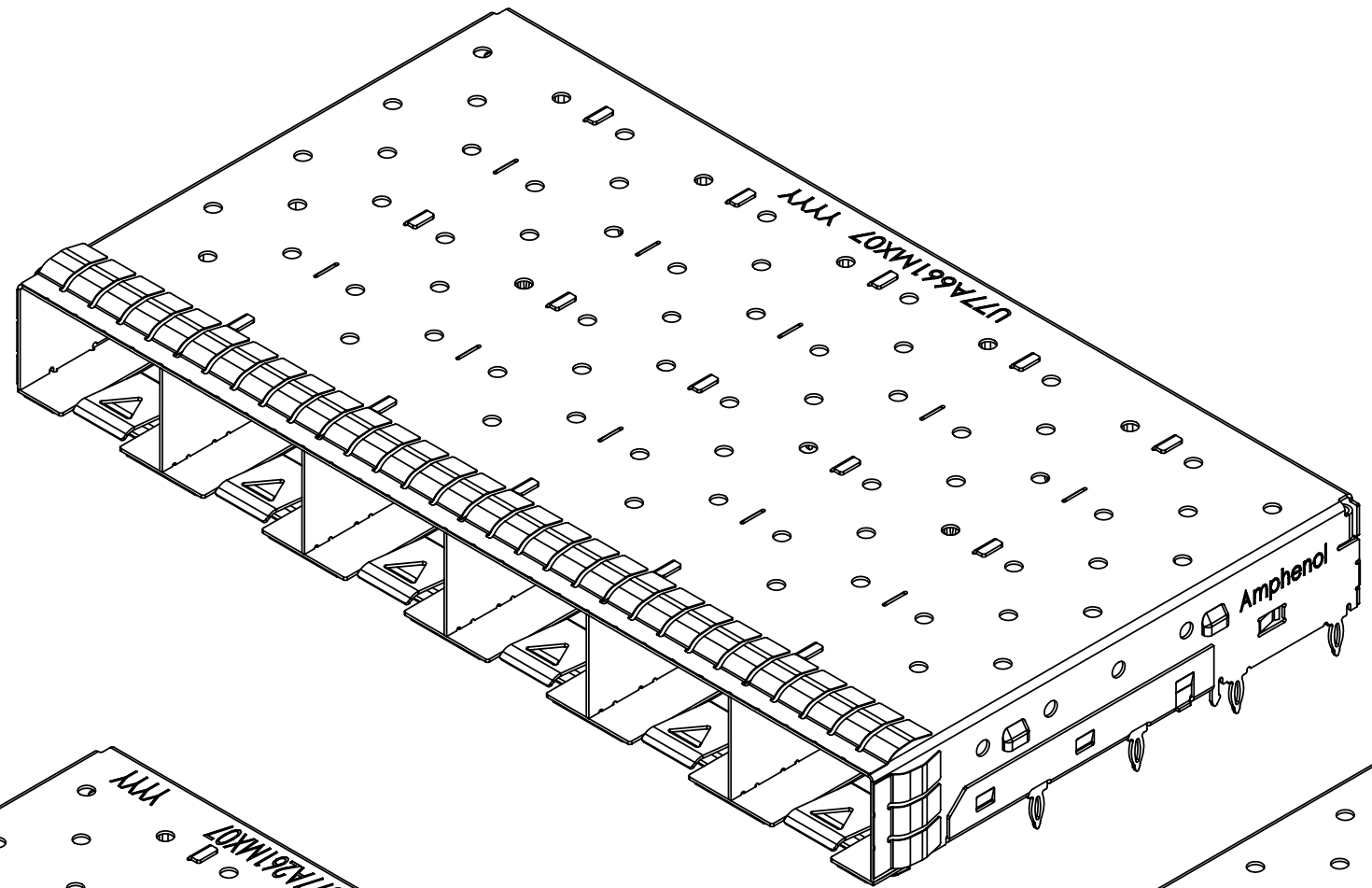
PLATING OPTION X=2:  
2.54um MIN. NICKEL

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

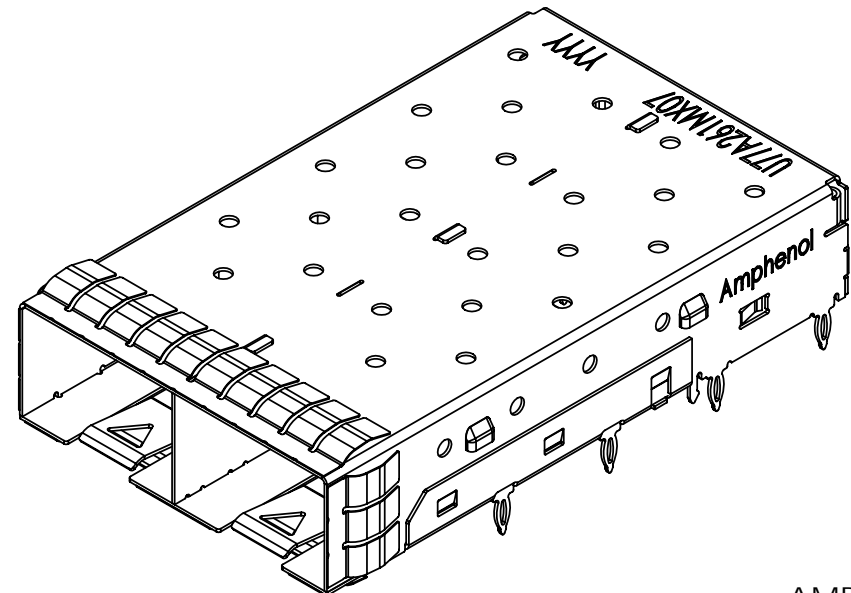
PACKAGING:  
TRAY PACKAGING

TEMPERATURE RANGE:  
-40C TO +85C

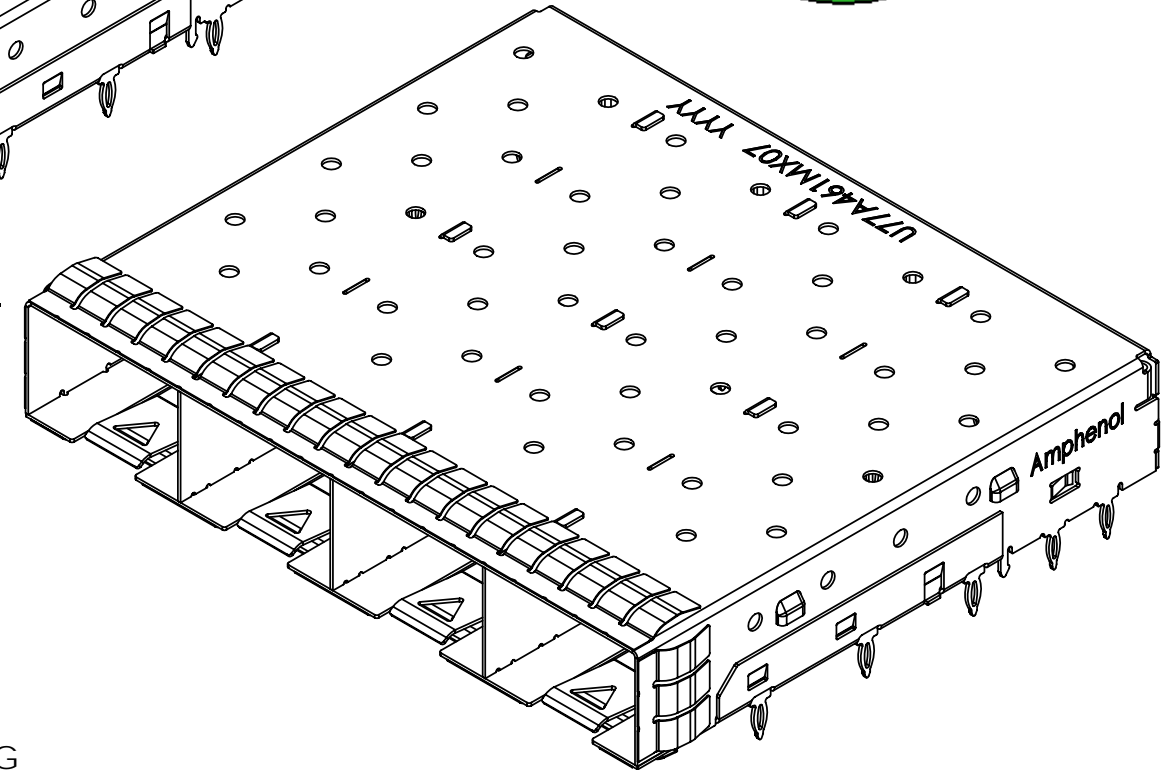
REVISIONS				
REV.	ECN/E-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR19/10	



**P/N: U77-A661M-X071 SHOWN**



**P/N: U77-A261M-X071 SHOWN**



**P/N: U77-A461M-X071 SHOWN**

**AMPHENOL PART NUMBER CONFIGURATION**

U77 - A X 6 1 M - X 0 7 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

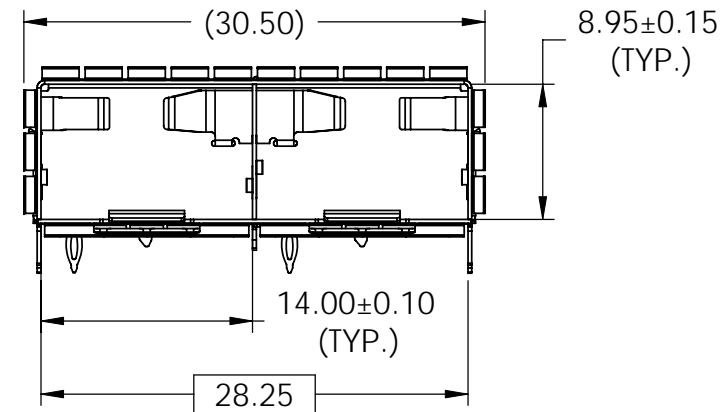
**DO NOT SCALE DRAWING**

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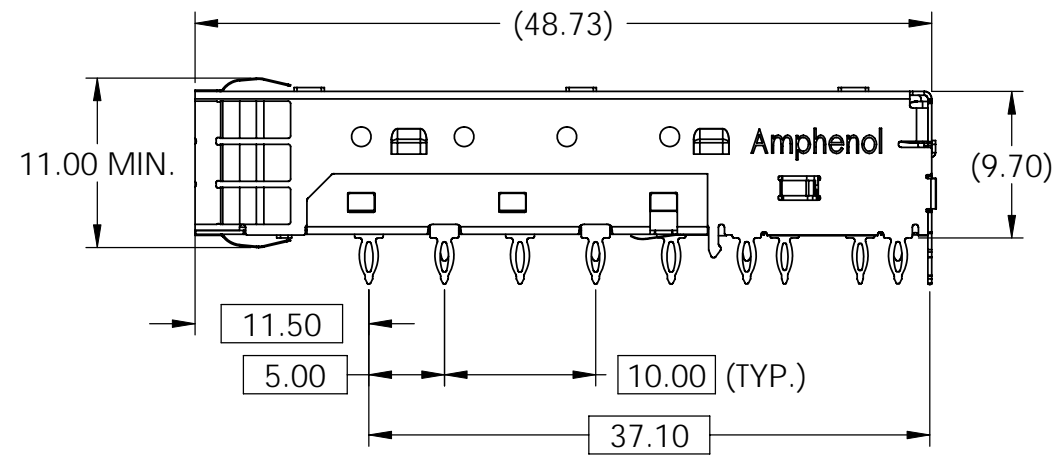
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		<b>APPROVALS</b>		<b>DATE</b>	<b>Amphenol Canada Corp.</b>
DECIMALS	ANGLES	DRAWN	J.SI	MAR18/10	
X.X ± 0.38	± 1°	DESIGNED			
X.XX ± 0.25		CHECKED			
MATERIAL AND FINISH		QA APPD			TITLE 1XN SFP+ CAGE SPRING FINGER EMI, WITH EXTRA BOTTOM GROUND FINGERS (NO MID G-PINS)
SEE NOTE 1					
REF.		IE APPD			SIZE A3
CODE IDENT. NO.	03554	DWG APPD			DWG. NO. P-U77-AX61M-X071
				SCALE	2:1
				PROJECT	
				SHEET	1 OF 10

**REVISIONS**

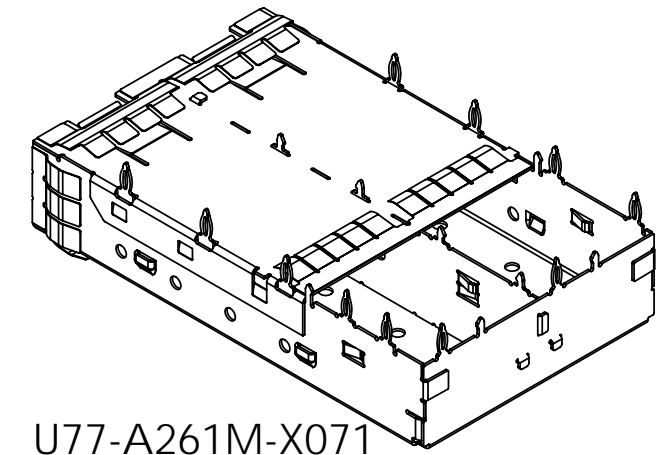
REV.	ECN/E-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR19/10	



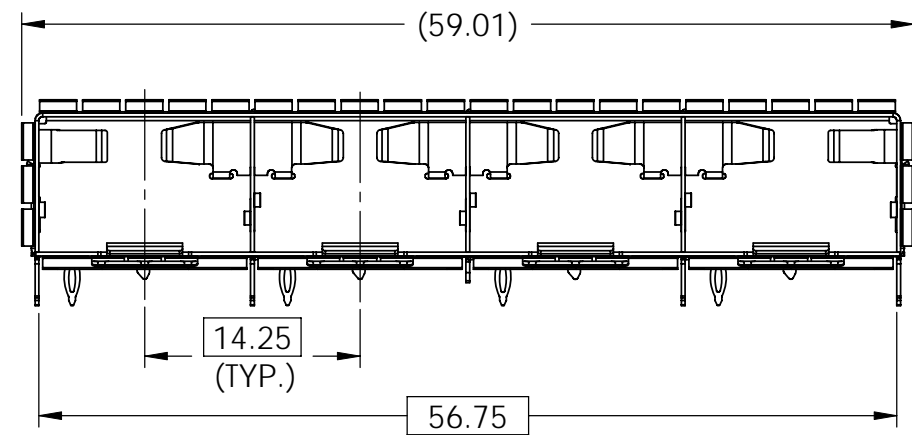
U77-A261M-X071



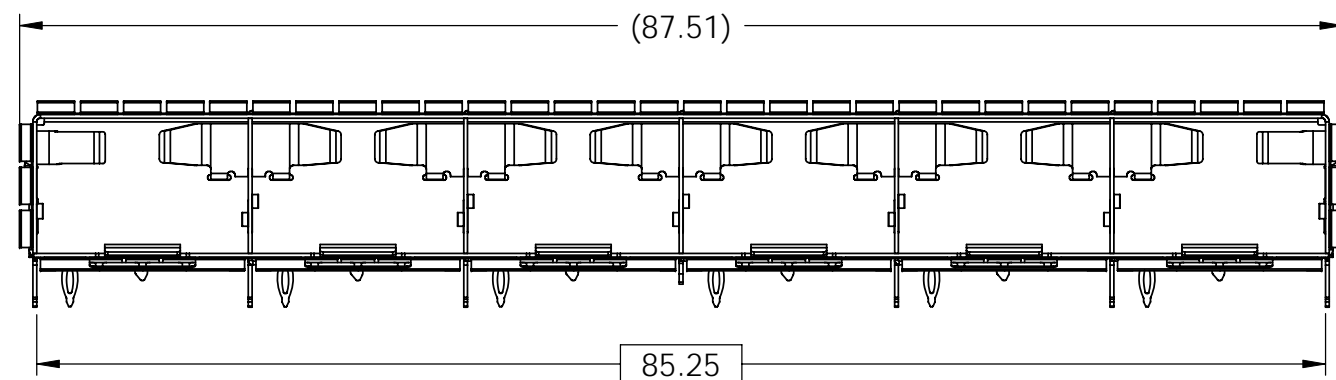
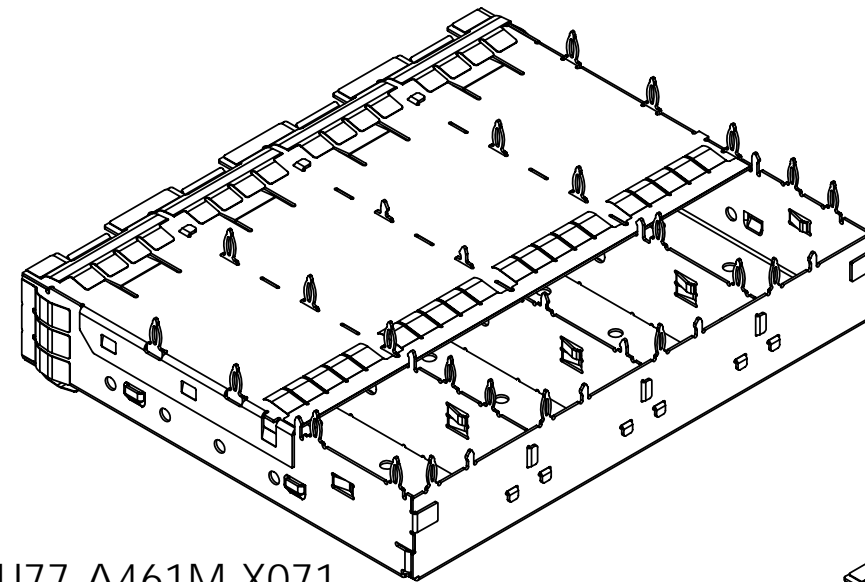
U77-A461M-X071



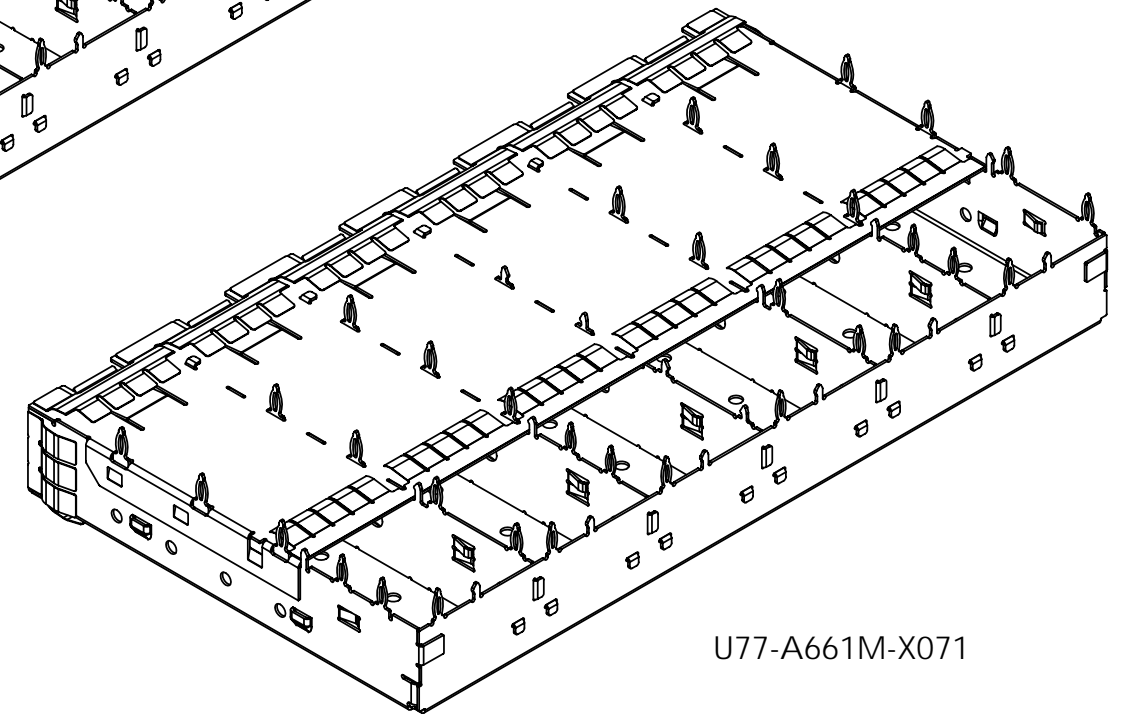
U77-A261M-X071



U77-A461M-X071



U77-A661M-X071



U77-A661M-X071

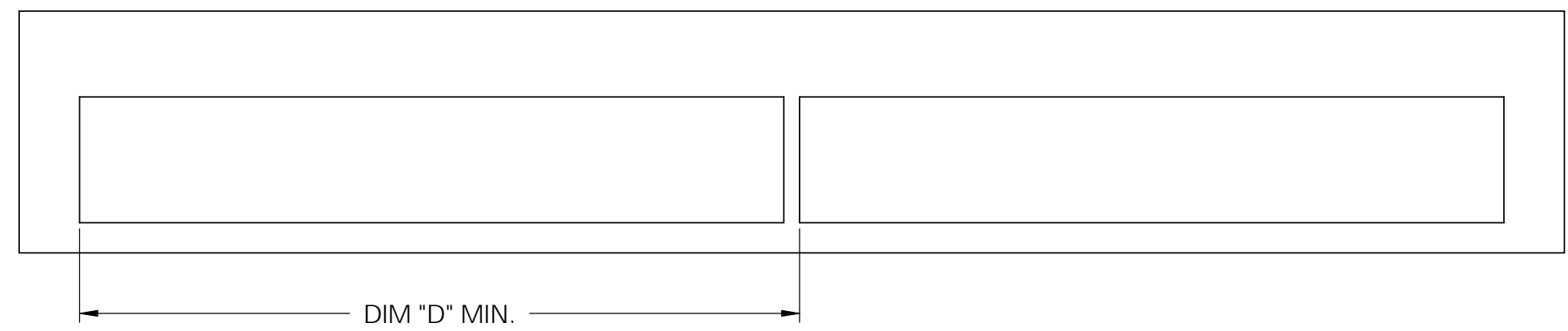
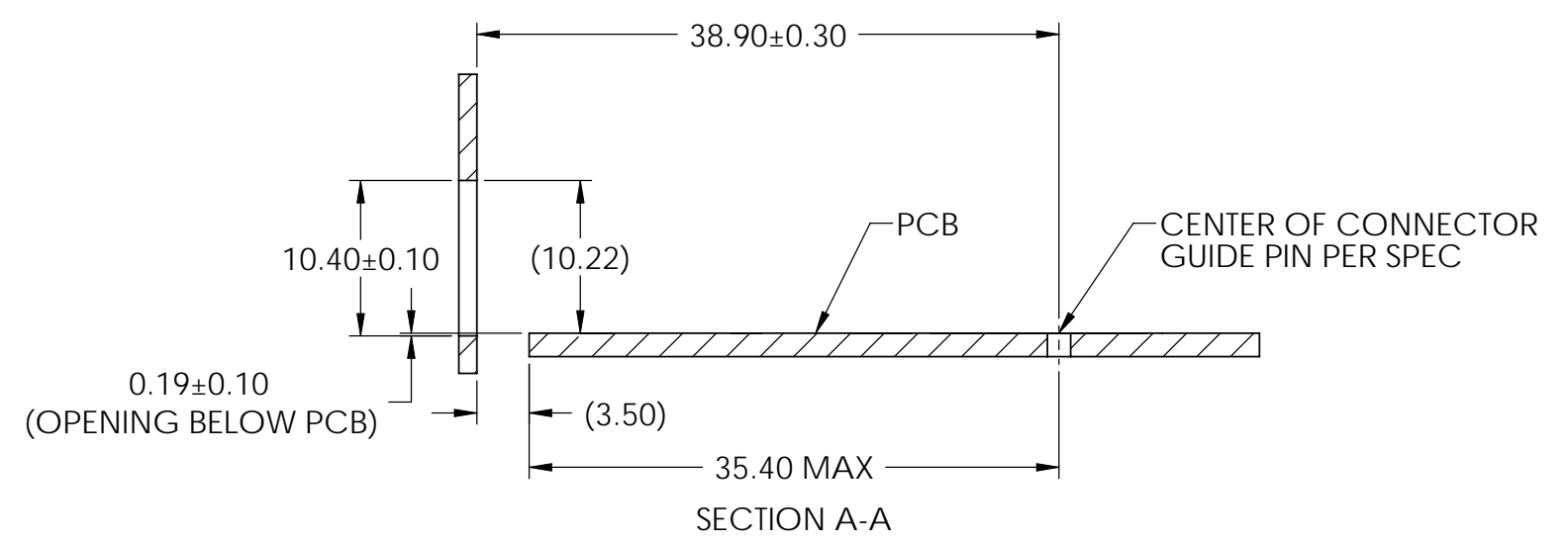
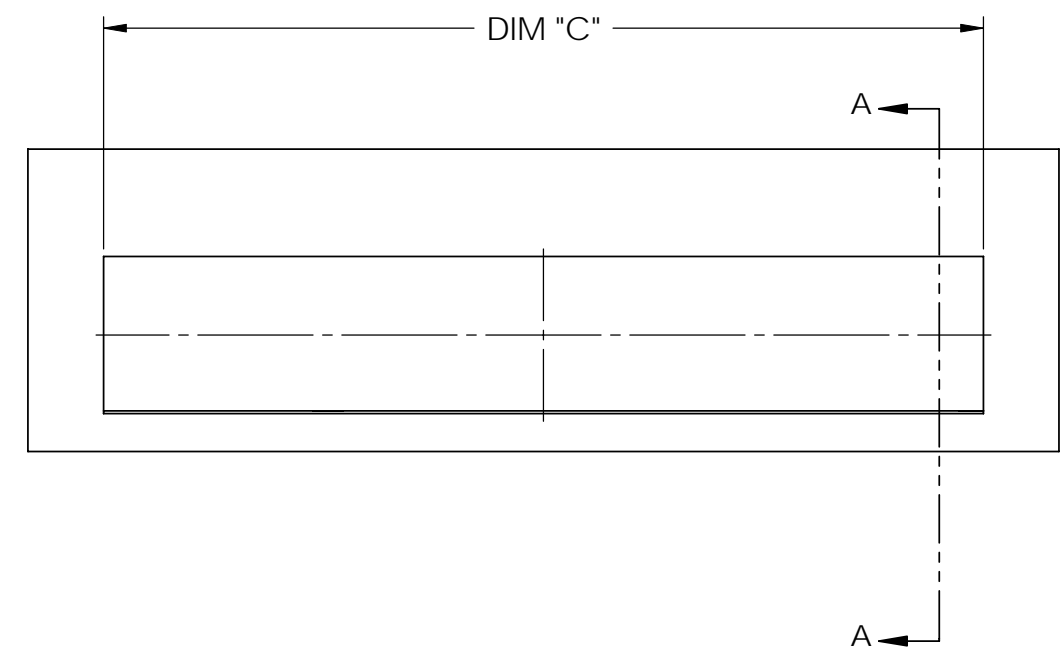
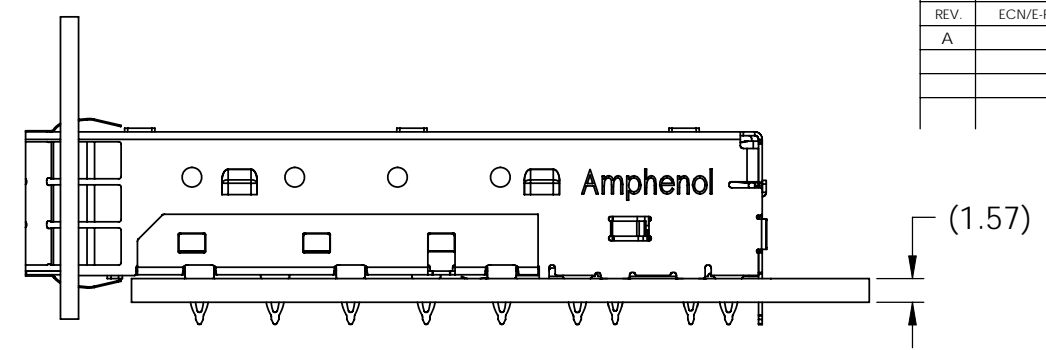
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DECIMALS X.X ± 0.38 X.XX ± 0.25	ANGLES ± 1°	DRAWN J.SI	DESIGNED	MAR18/10	
MATERIAL AND FINISH SEE NOTE 1		CHECKED	QA APPD		
REF.		IE APPD	DWG APPD		
CODE IDENT. NO. 03554					<b>TITLE</b> 1XN SFP+ CAGE SPRING FINGER EMI, WITH EXTRA BOTTOM GROUND FINGERS (NO MID G-PINS)
					SIZE <b>A3</b> DWG. NO. <b>P-U77-AX61M-X071</b> REV. <b>A</b> SCALE <b>2:1</b> PROJECT SHEET <b>2 OF 10</b>

PART NUMBER	DIM "C"	DIM "D"
U77-A261M-X071	29.70	31.00
U77-A461M-X071	58.20	59.50
U77-A661M-X071	86.70	88.00

REVISIONS				
REV.	ECN/E-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR19/10	



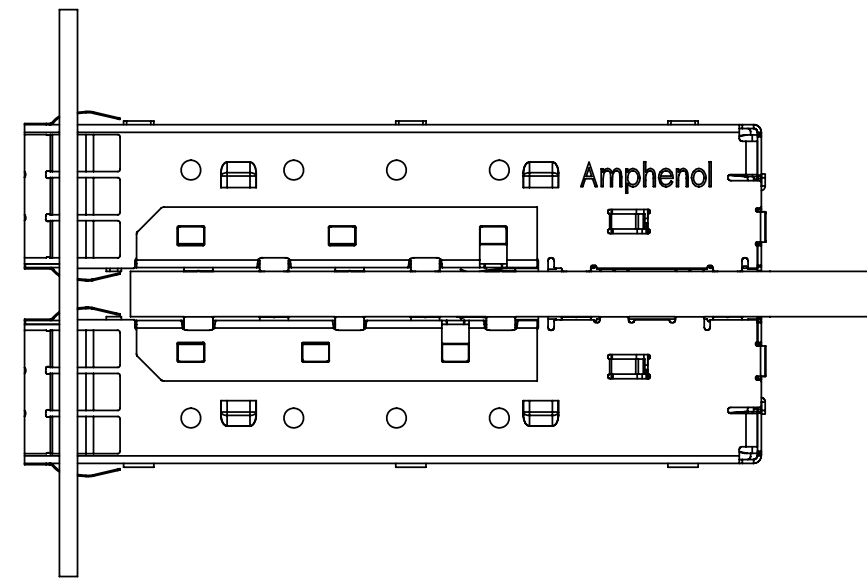
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE	Amphenol Canada Corp.	
DECIMALS	ANGLES	DRAWN	J.SI	MAR18/10	TITLE	
X.X ± 0.38	± 1°	DESIGNED			1XN SFP+ CAGE SPRING FINGER EMI, WITH EXTRA BOTTOM GROUND FINGERS (NO MID G-PINS)	
X.XX ± 0.25		CHECKED			SIZE	DWG. NO.
MATERIAL AND FINISH		QA APPD			A3	P-U77-AX61M-X071
SEE NOTE 1		IE APPD			SCALE	PROJECT
REF.		DWG APPD			2:1	3 OF 10
CODE IDENT. NO.	03554					

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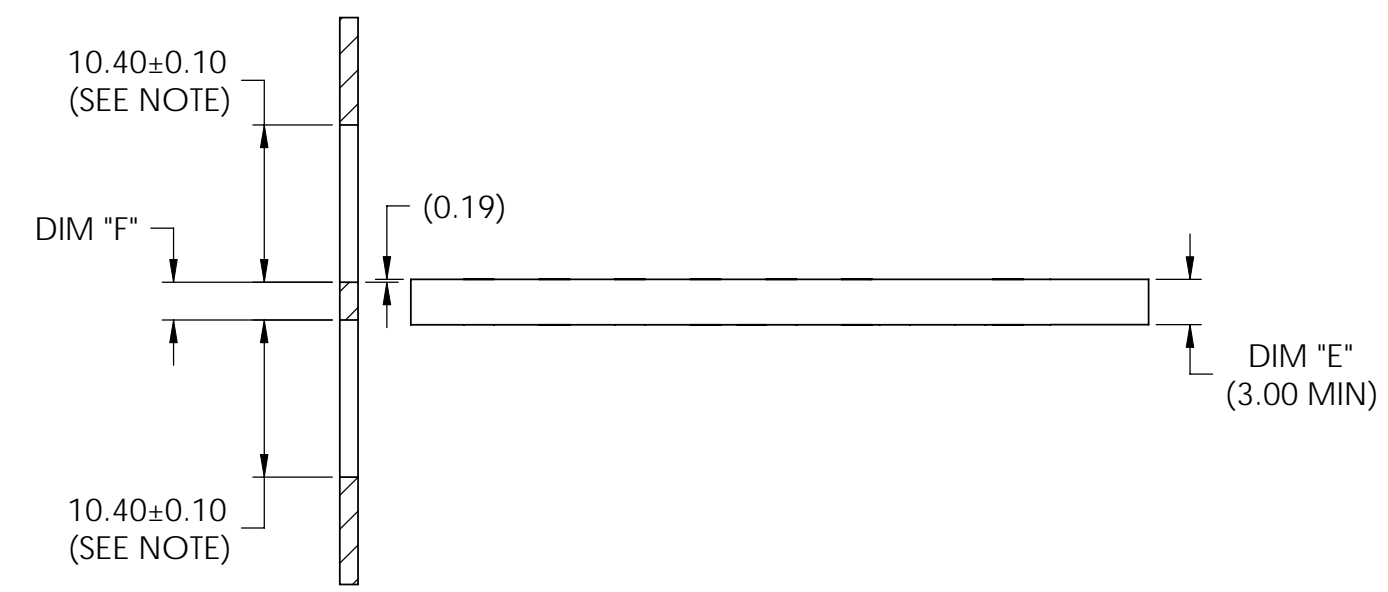
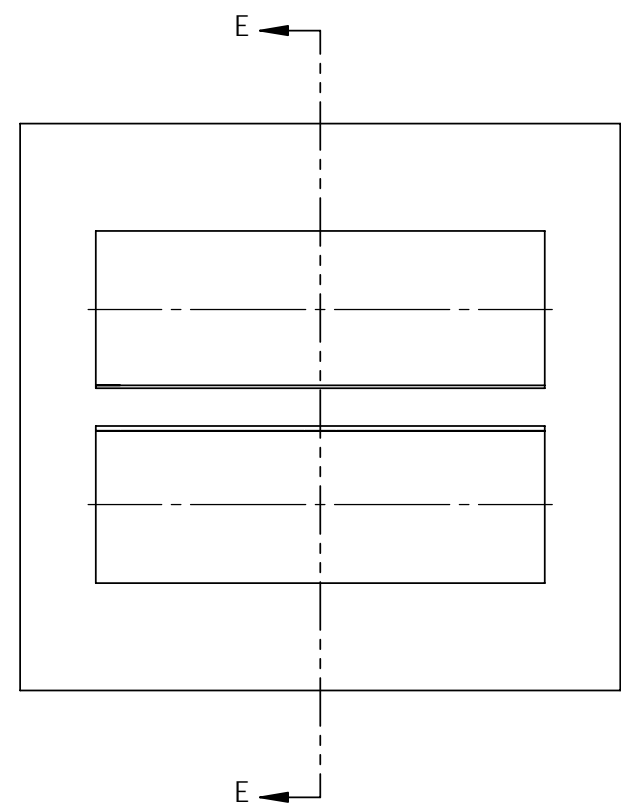
**REVISIONS**

REV.	ECN/E-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR19/10	



**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

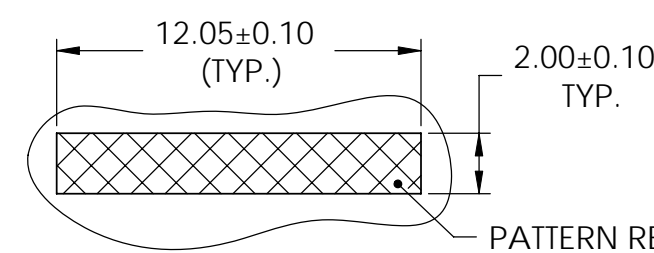
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DECIMALS X.X ± 0.38 X.XX ± 0.25	ANGLES ± 1°	DRAWN J.SI	MAR18/10	<b>TITLE</b> 1XN SFP+ CAGE SPRING FINGER EMI, WITH EXTRA BOTTOM GROUND FINGERS (NO MID G-PINS)	
MATERIAL AND FINISH SEE NOTE 1		DESIGNED			
REF.		CHECKED			
CODE IDENT. NO. 03554		QA APPD			
		IE APPD		SIZE A3	DWG. NO. P-U77-AX61M-X071
		DWG APPD		SCALE 2:1	PROJECT
					SHEET 4 OF 10

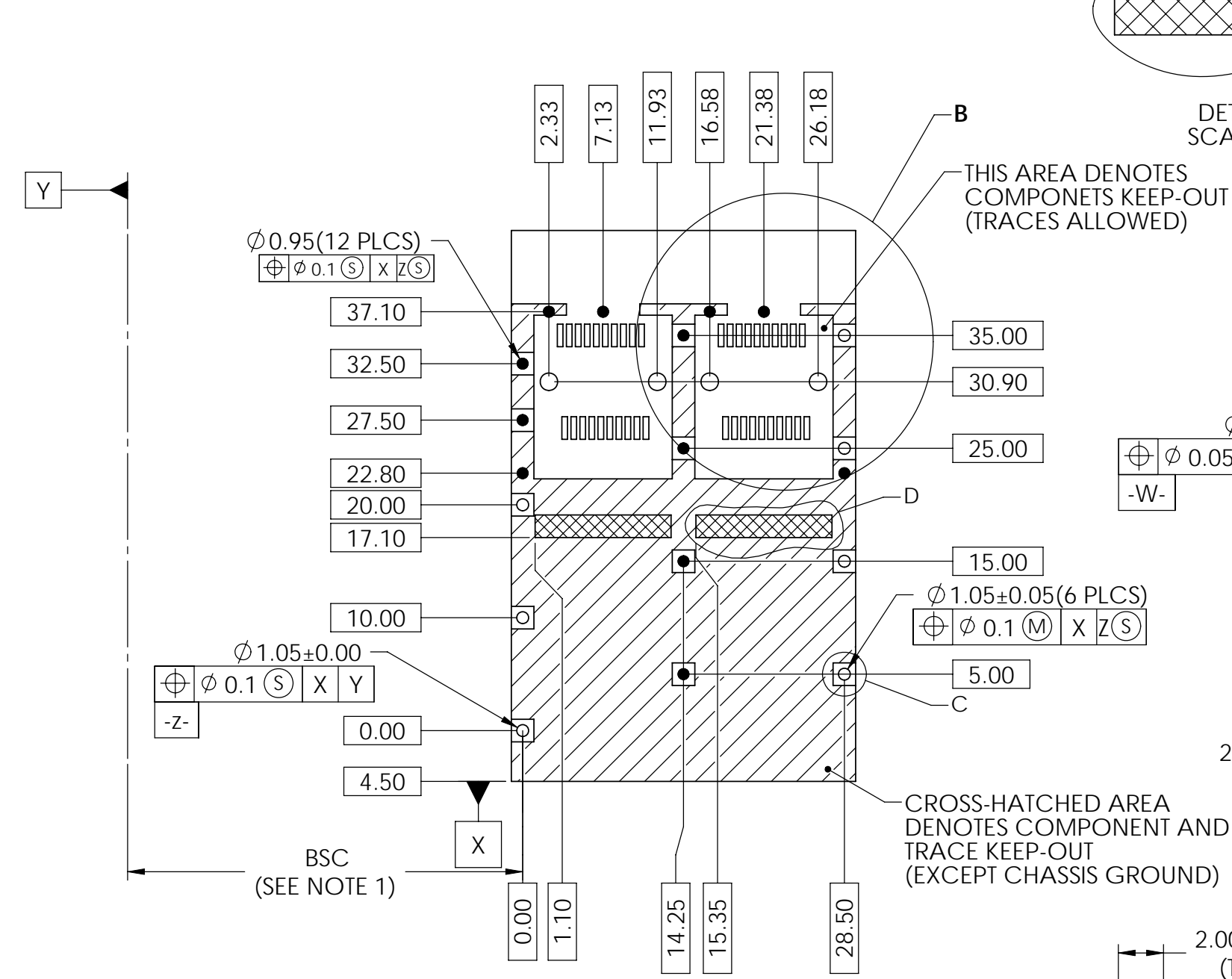
- NOTES:  
 1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.  
 2. PADS AND VIAS ARE CHASSIS GROUND.  
 3. THRU-HOLES, PLATING OPTIONAL.  
 4. SEE DRAWINGS P-UX76-A20-X00XX FOR CONNECTOR LAYOUT.

REVISIONS				
REV.	ECN/E-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR19/10	



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

DETAIL D  
 SCALE 4 : 1



THIS AREA DENOTES  
 COMPONENTS KEEP-OUT  
 (TRACES ALLOWED)

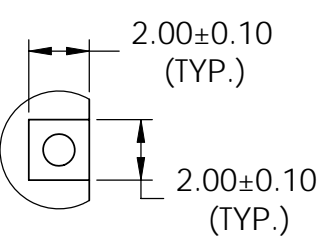
$\phi 1.05 \pm 0.05$  (6 PLCS)  
 $\phi 0.1$  (M) X Z (S)

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

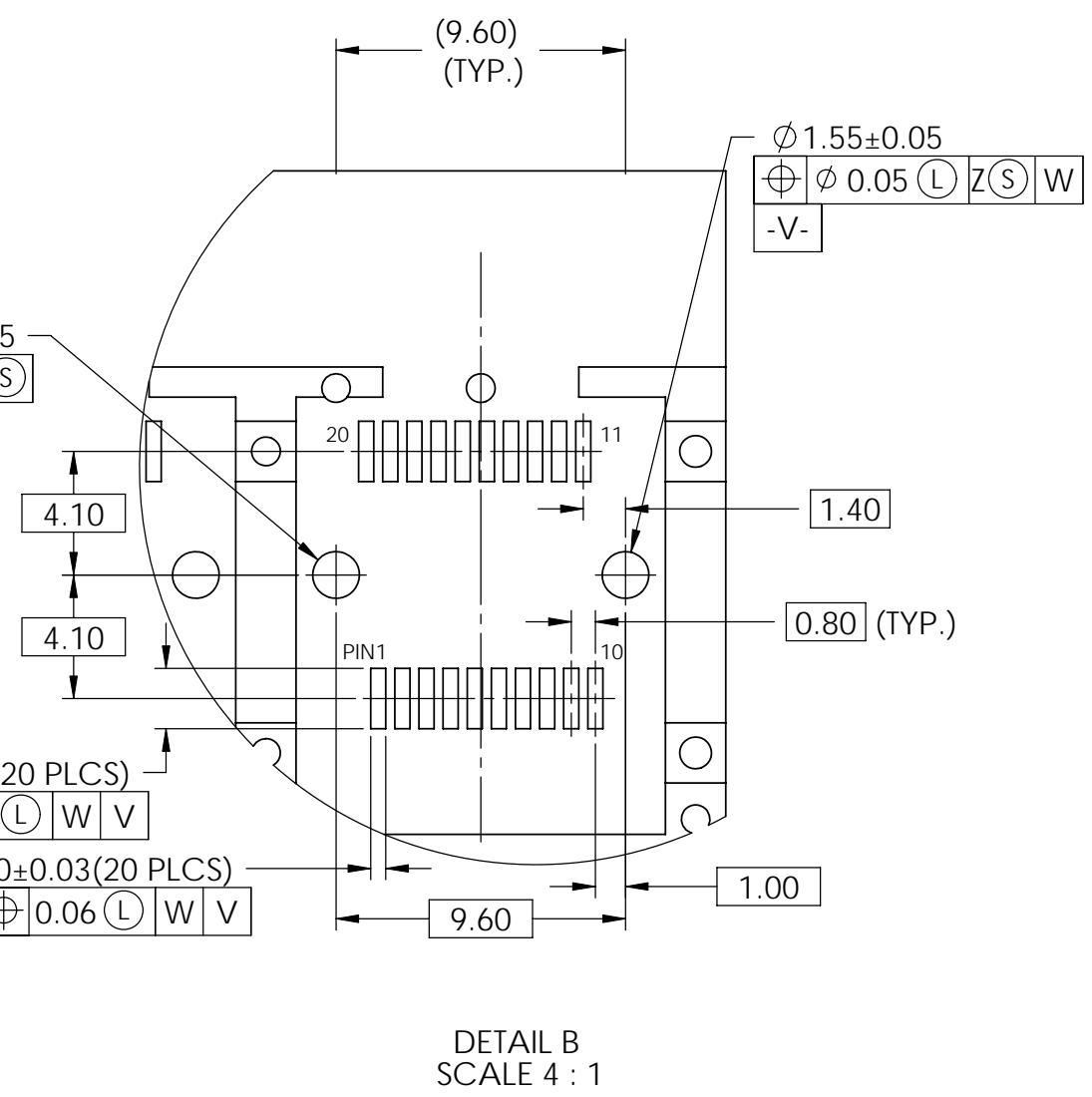
$\phi 0.95$  (12 PLCS)  
 $\phi 0.1$  (S) X Z (S)

$\phi 1.05 \pm 0.00$   
 $\phi 0.1$  (S) X Y  
 -Z-

BSC  
 (SEE NOTE 1)



DETAIL C  
 SCALE 4 : 1



DETAIL B  
 SCALE 4 : 1

**RECOMMENDED PCB DESIGN  
 FOR SINGLE SIDE MOUNTING  
 (P/N U77-A261M-X071)**

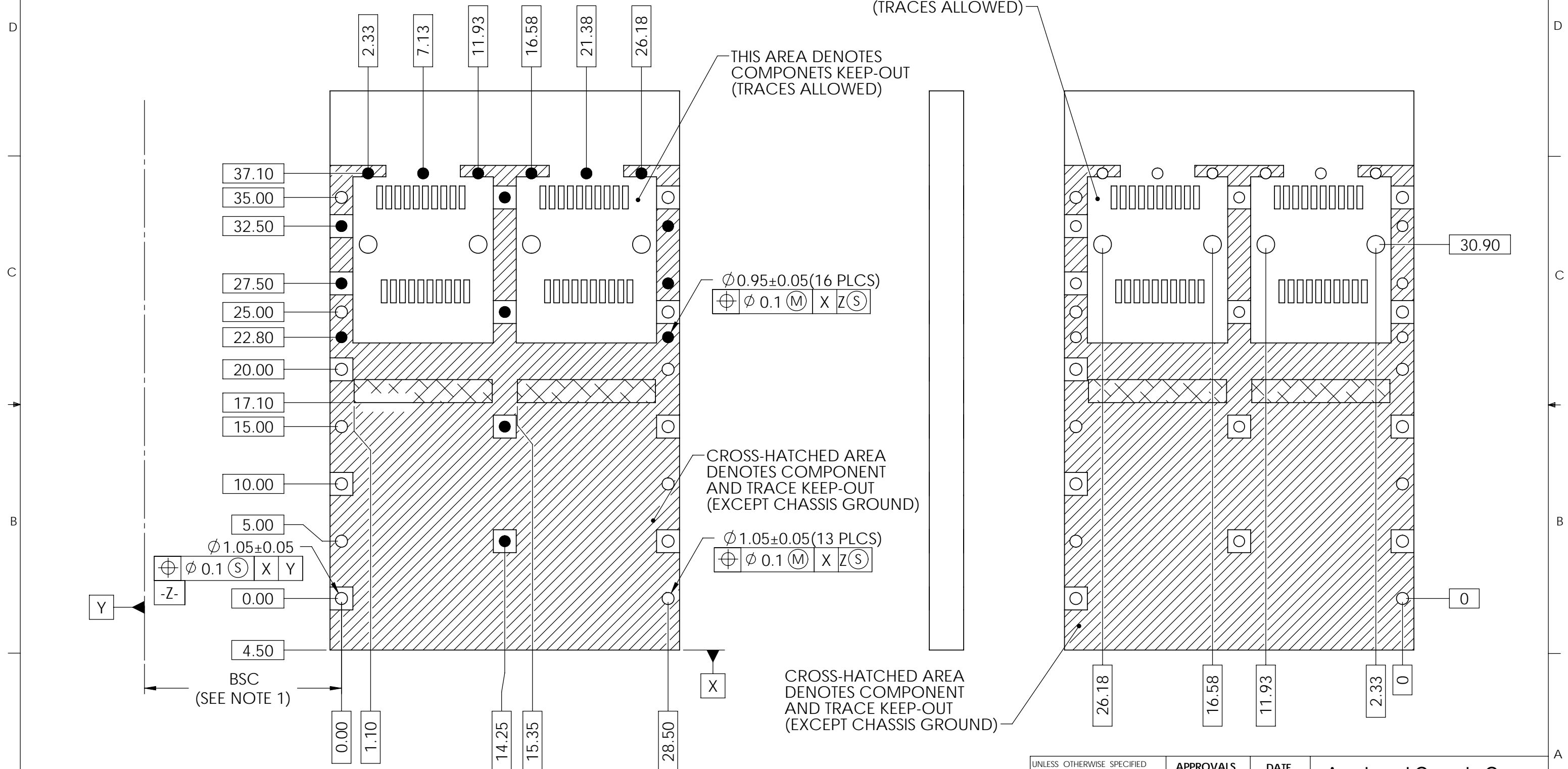
DO NOT SCALE DRAWING

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	DRAWN J.SI	MAR18/10		
	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	MAR19/10	



**RECOMMENDED PCB DESIGN  
 FOR BELLY TO BELLY MOUNTING  
 (P/N U77-A261M-X071)**

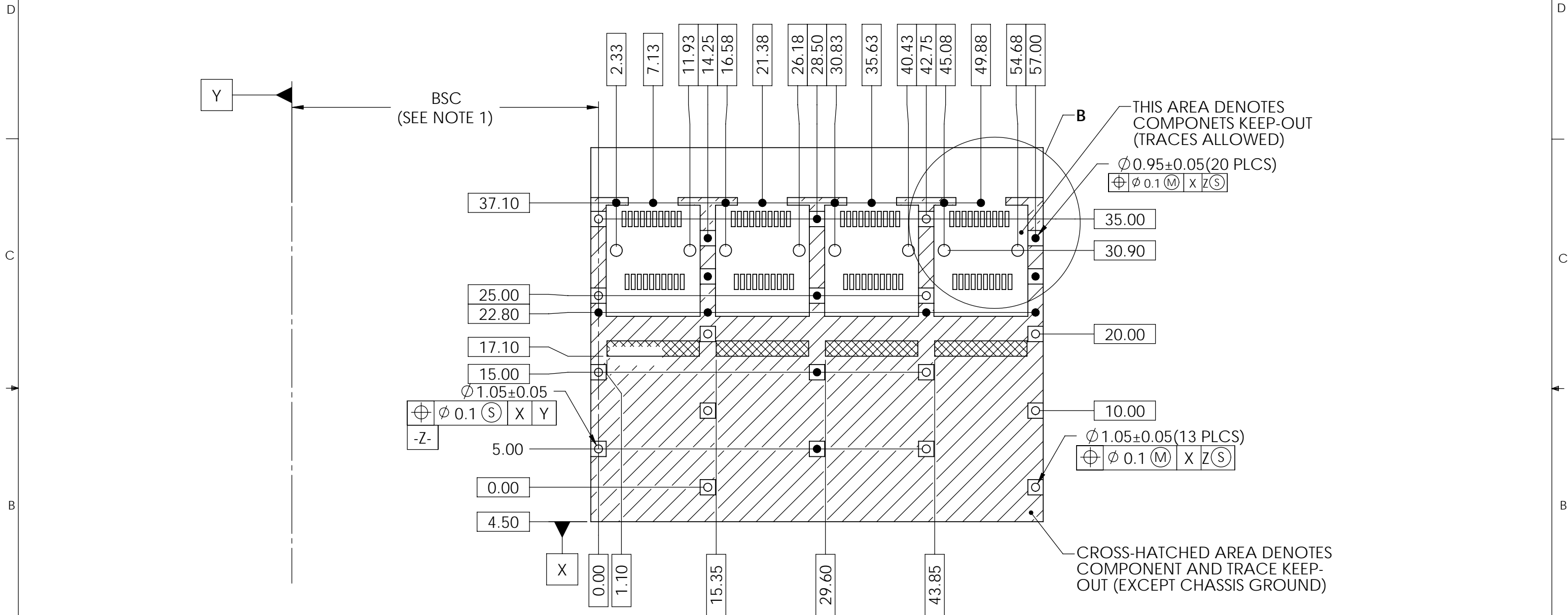
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	DRAWN	J.SI			MAR18/10
	DESIGNED				
	CHECKED				
MATERIAL AND FINISH SEE NOTE 1	QA APPD				
REF.	IE APPD			SIZE A3	
CODE IDENT. NO. 03554	DWG APPD			DWG. NO. P-U77-AX61M-X071	
				SCALE 3:1	
				PROJECT	
				SHEET 6 OF 10	

- 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				
REV.	ECN/E-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR19/10	



**RECOMMENDED PCB DESIGN  
 FOR SINGLE SIDE MOUNTING  
 (P/N U77-A461M-X071)**

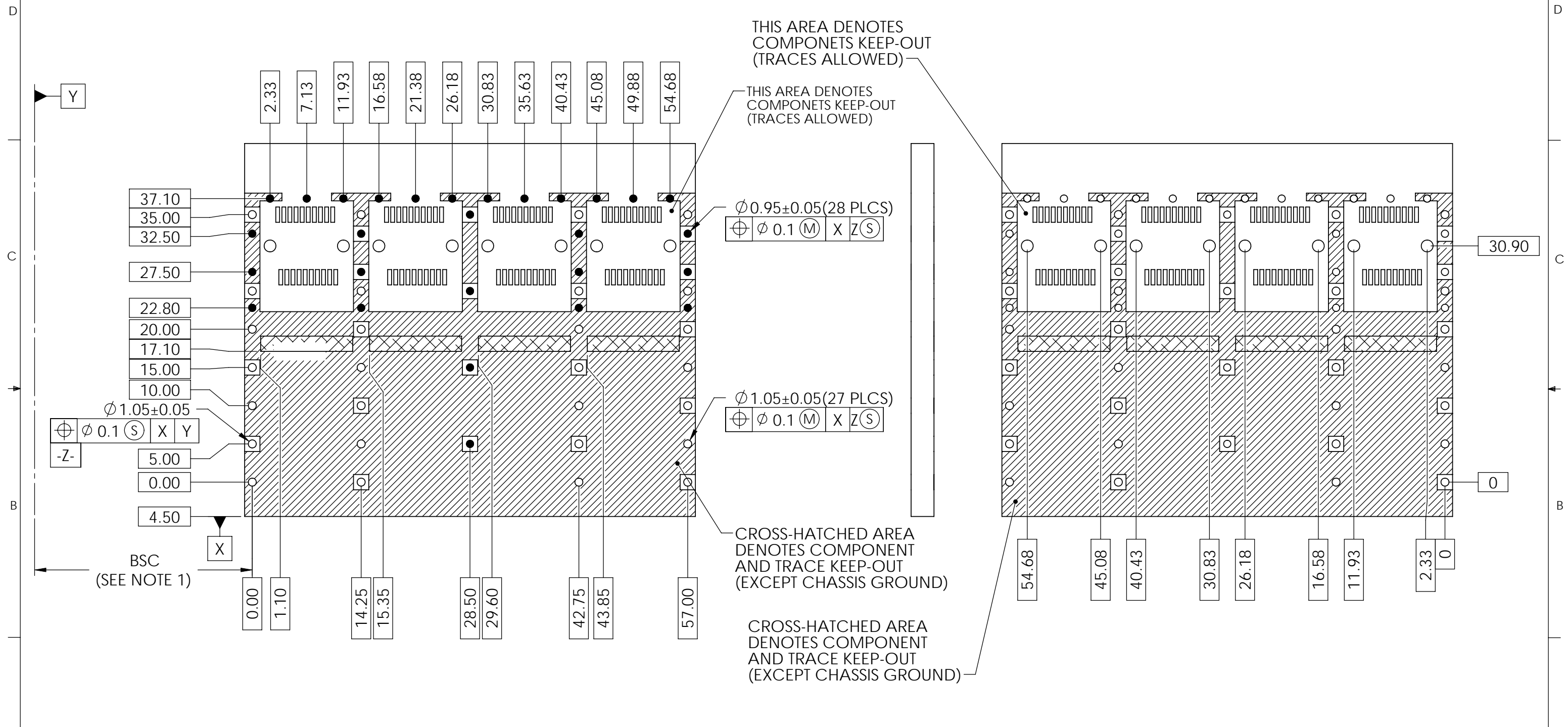
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:  DECIMALS: X.X ± 0.38 X.XX ± 0.25 MATERIAL AND FINISH: SEE NOTE 1 REF. CODE IDENT. NO. 03554	<b>APPROVALS</b>	<b>DATE</b>	<b>Amphenol Canada Corp.</b>  TITLE: 1XN SFP+ CAGE SPRING FINGER EMI, WITH EXTRA BOTTOM GROUND FINGERS (NO MID G-PINS)  SIZE: A3 DWG. NO. P-U77-AX61M-X071 REV. A SCALE: 1:1 PROJECT SHEET 7 OF 10
	DRAWN: J.SI	MAR18/10	
	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	MAR19/10	



**RECOMMENDED PCB DESIGN  
 FOR BELLY TO BELLY MOUNTING  
 (P/N U77-A461M-X071)**

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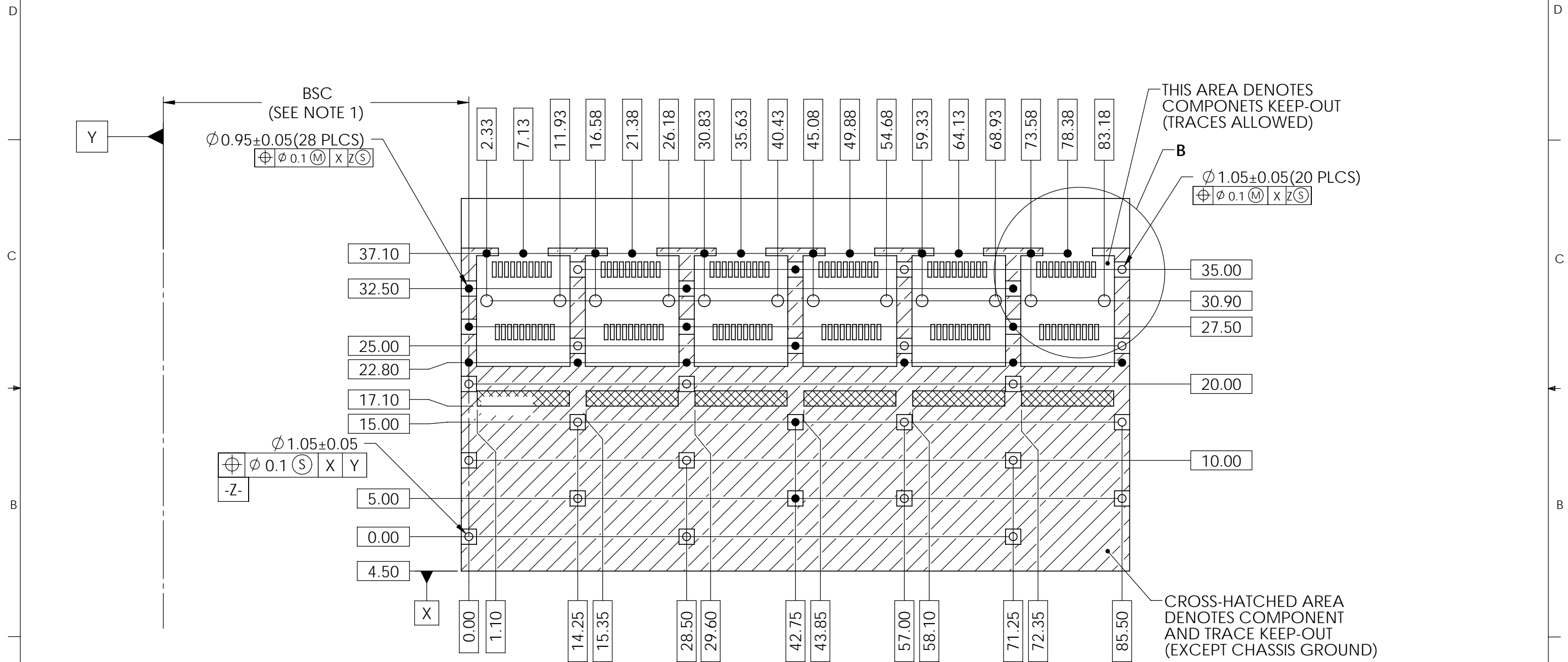
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	DRAWN J.SI	MAR18/10	
	DESIGNED		
	CHECKED		
	QA APPD		
	IE APPD		
	DWG APPD		



- 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	MAR19/10	



**RECOMMENDED PCB DESIGN  
 FOR SINGLE SIDE MOUNTING  
 (P/N U77-A661M-X071)**

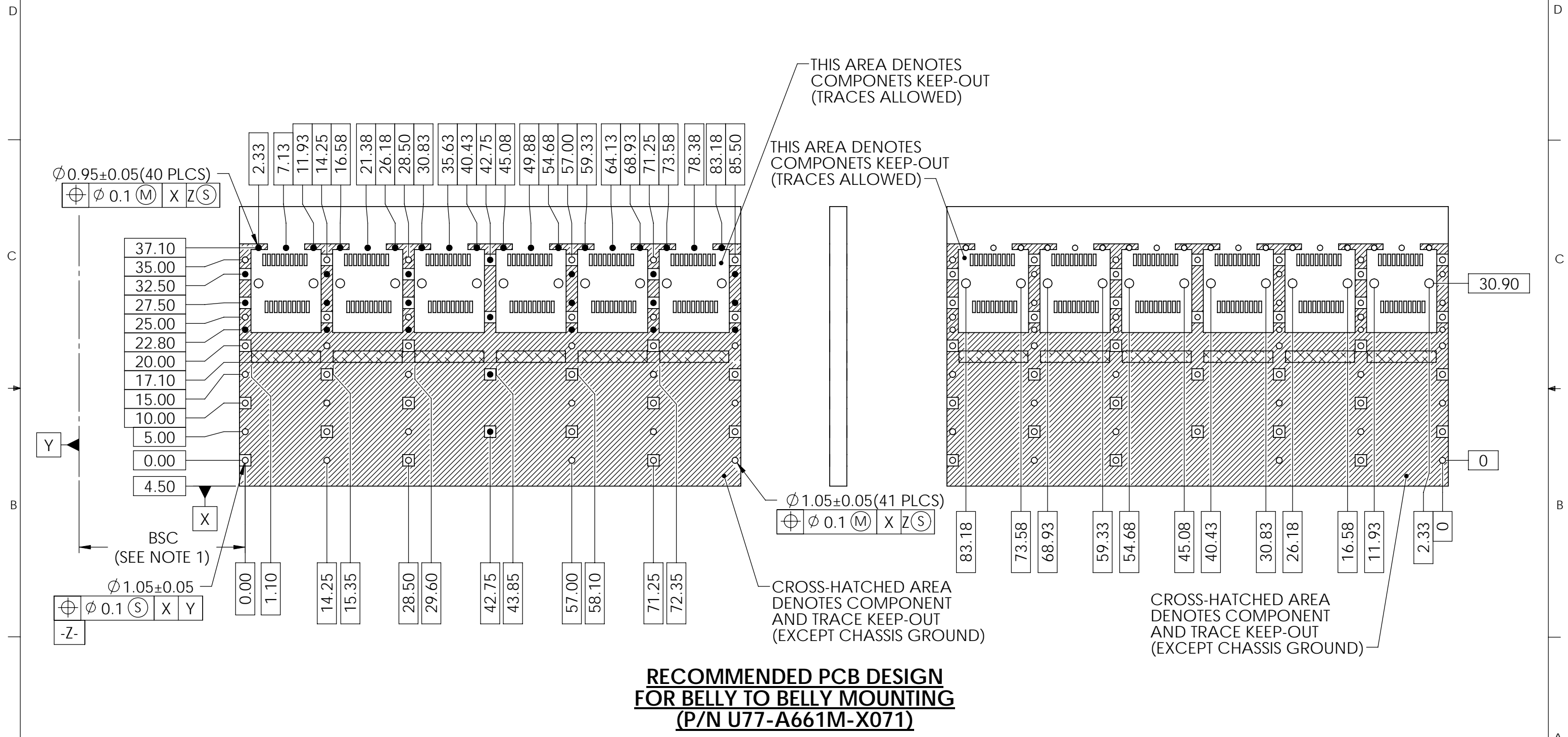
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	DRAWN J.SI	MAR18/10		
	DESIGNED			
	CHECKED			
	QA APPD			
	IE APPD			
	DWG APPD			

- NOTES:  
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 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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A		PROPOSAL	MAR19/10	



**RECOMMENDED PCB DESIGN  
 FOR BELLY TO BELLY MOUNTING  
 (P/N U77-A661M-X071)**

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MATERIAL AND FINISH SEE NOTE 1		DRAWN J.SI	MAR18/10		
REF.		DESIGNED			
CODE IDENT. NO. 03554		CHECKED			
		QA APPD			TITLE <b>1XN SFP+ CAGE SPRING FINGER EMI, WITH EXTRA BOTTOM GROUND FINGERS (NO MID G-PINS)</b>
		IE APPD			
		DWG APPD			
		SCALE 3:2	PROJECT	SHEET 10 OF 10	REV. A

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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