

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



MATERIAL:

CAGE:  
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

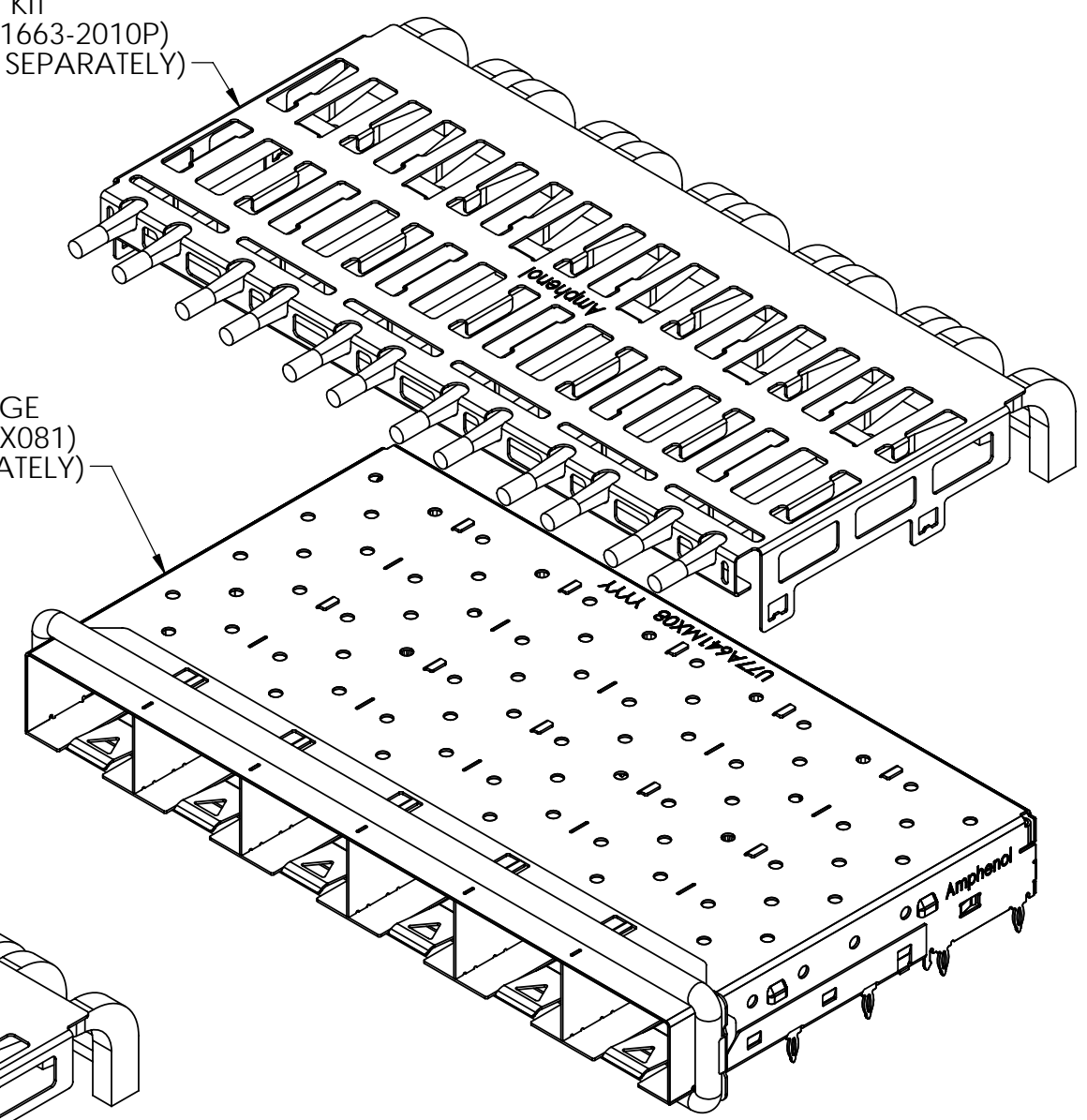
TEMPERATURE RANGE:  
-40C TO +85C

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

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

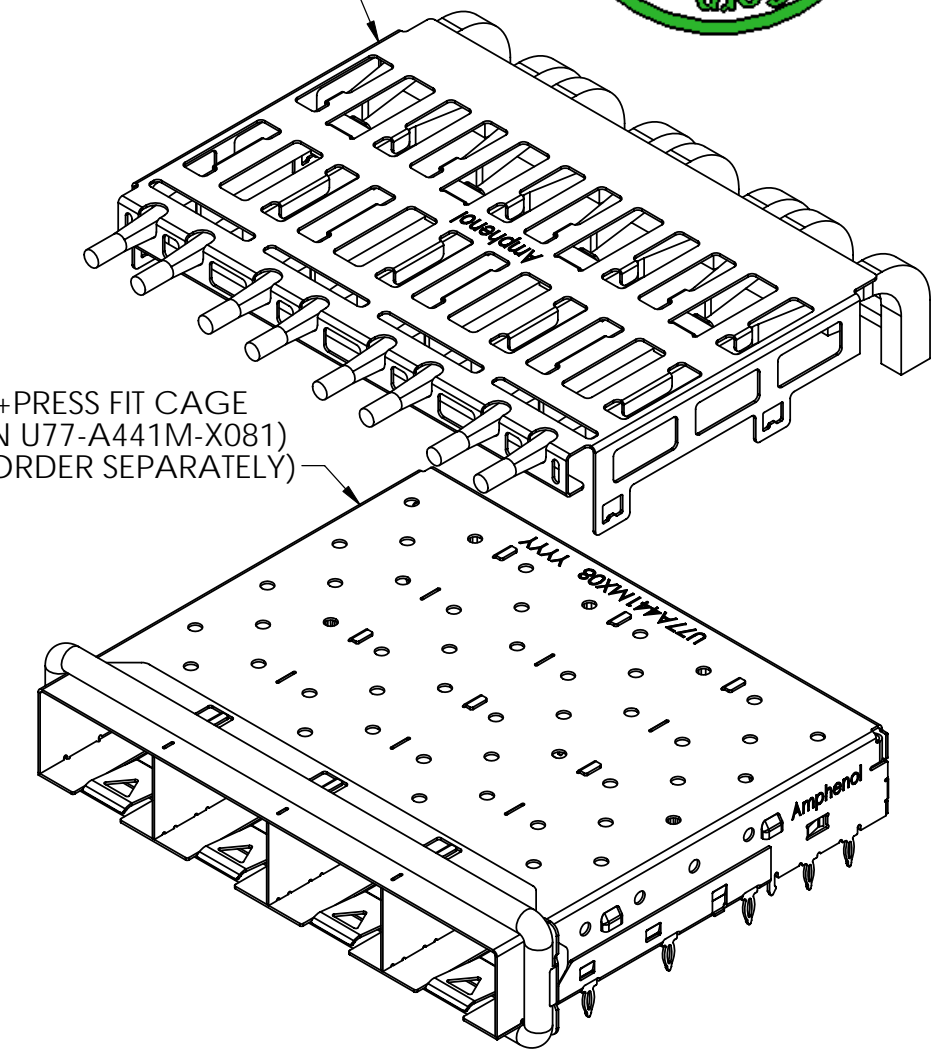
LIGHT PIPE KIT  
(P/N: U77-1263-2010P)  
(IF ORDER SEPARATELY)

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



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-C641M-X081 SHOWN**

**P/N: U77-C441M-X081 SHOWN**

**P/N: U77-C241M-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

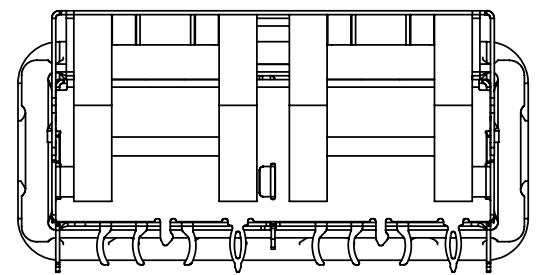
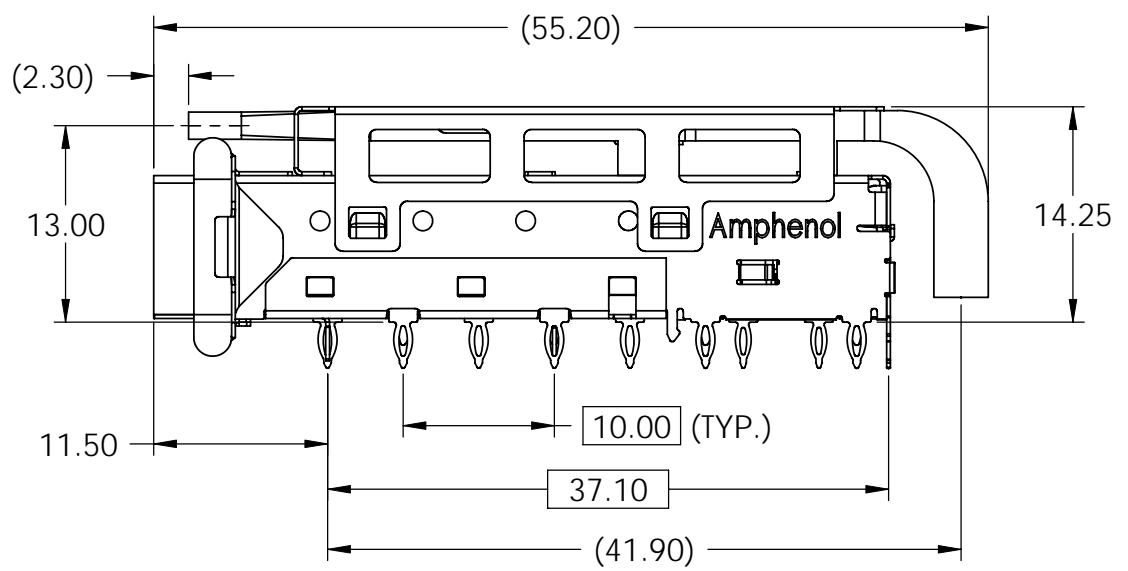
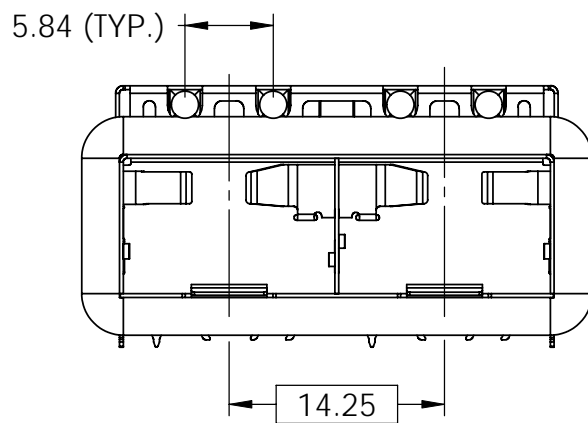
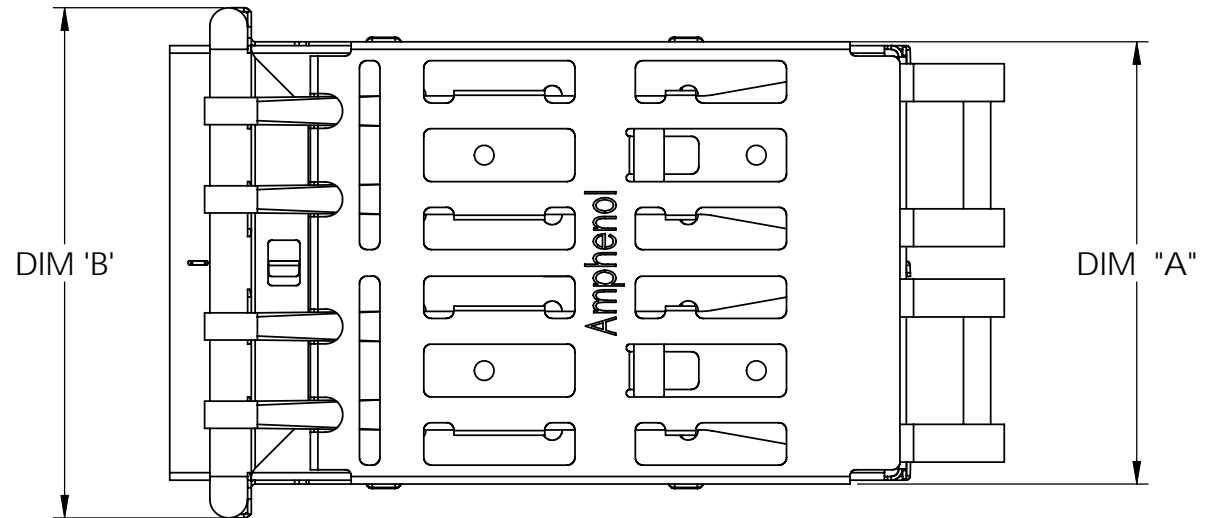
DO NOT SCALE DRAWING

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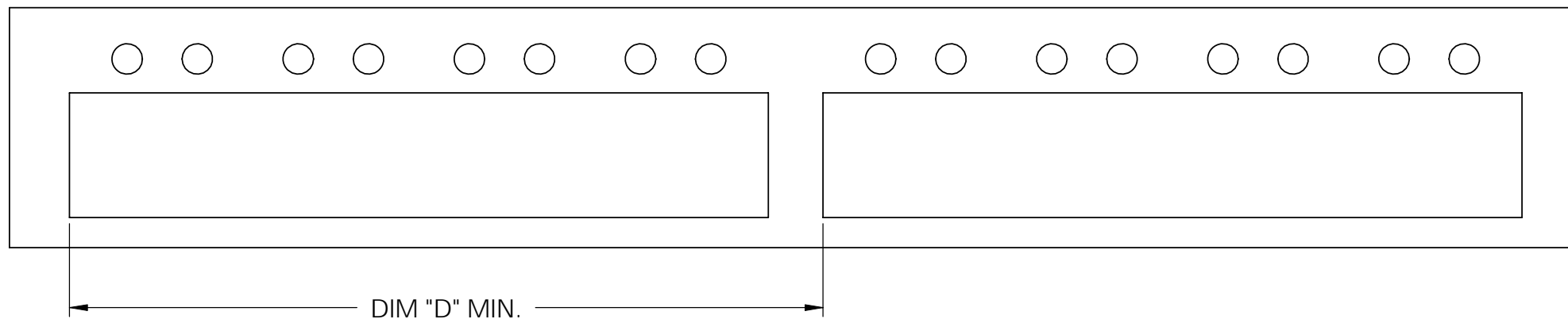
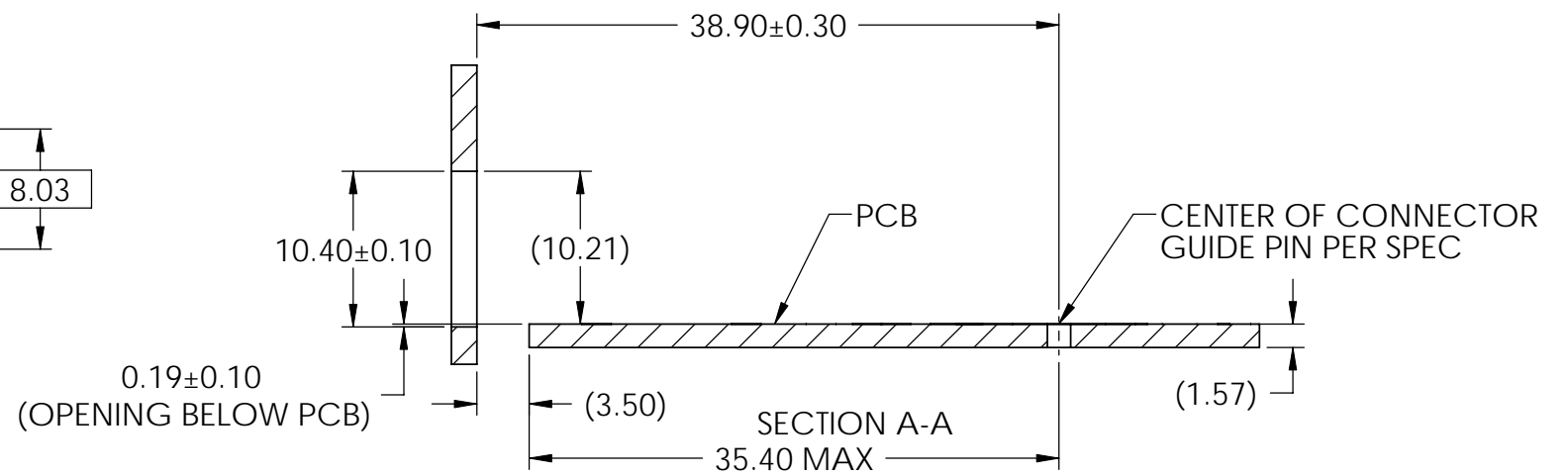
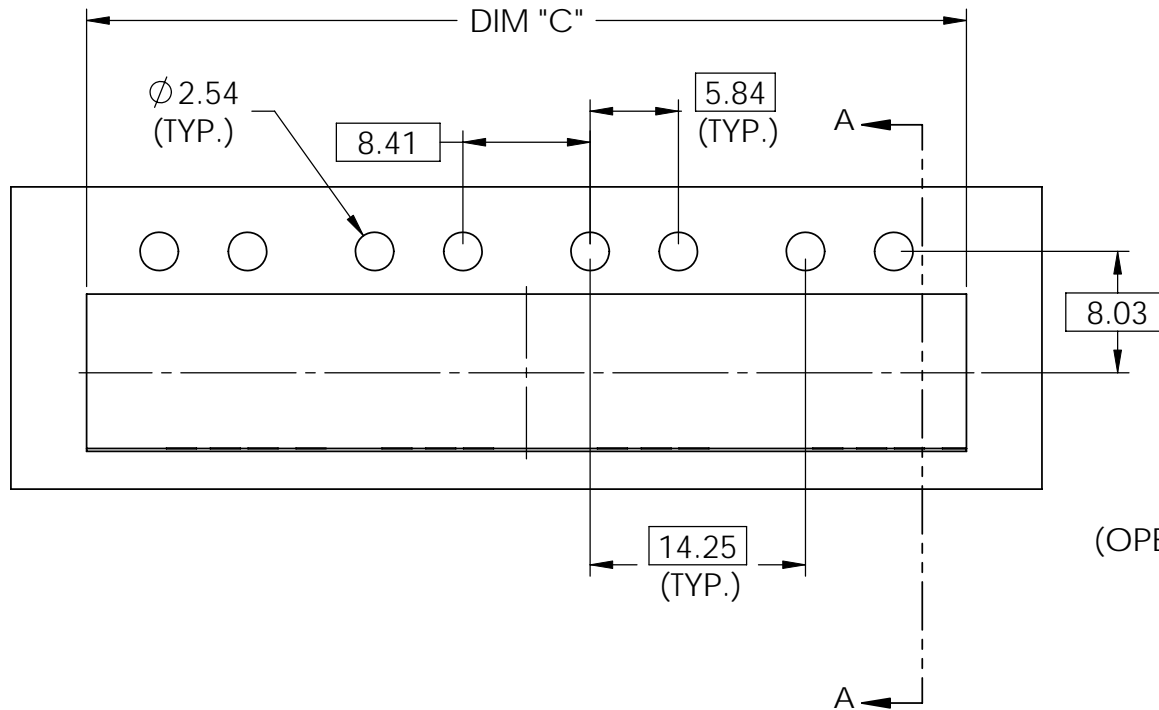
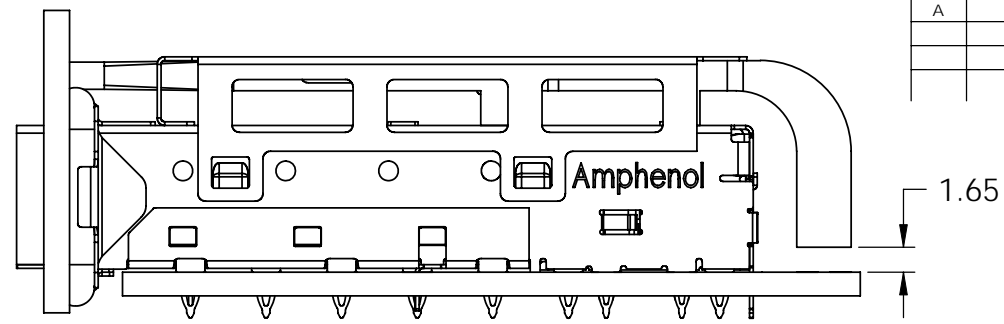
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	DRAWN	J.SI		JUL21/09
	DESIGNED			
	CHECKED			
MATERIAL AND FINISH	QA APPD			
SEE NOTE 1				
REF.	IE APPD			
CODE IDENT. NO. 03554	DWG APPD			
		SCALE 1:1		
		PROJECT		
		SHEET	2 OF 11	



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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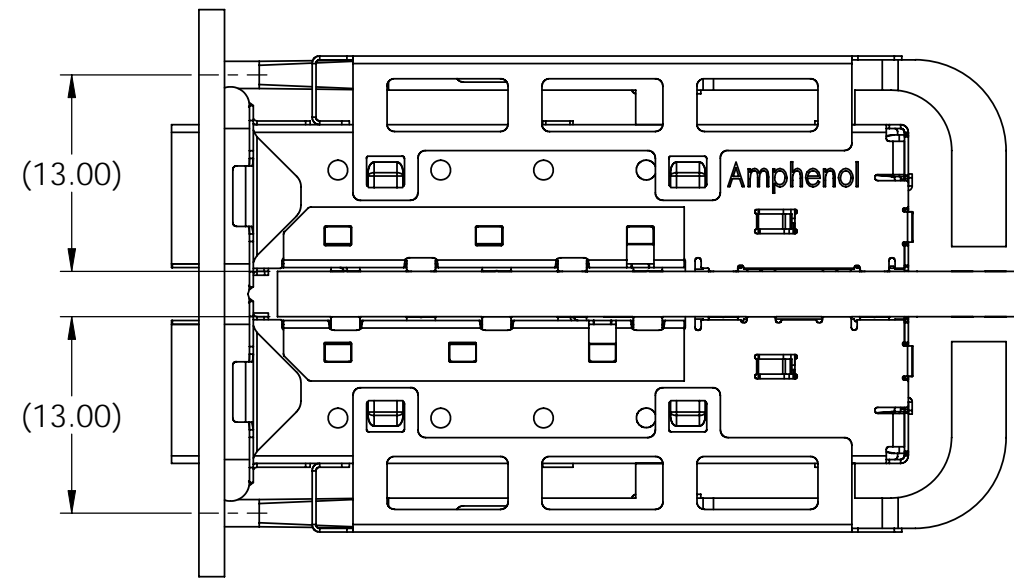


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DECIMALS X.X ± 0.38 X.XX ± 0.25	ANGLES ± 1°				
MATERIAL AND FINISH SEE NOTE 1	REF.	DRAWN J.SI	JUL21/09	1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE	
		DESIGNED			
		CHECKED		SIZE A3	
		QA APPD			
		IE APPD		DWG. NO.	P-U77-CX41M-X081
CODE IDENT.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

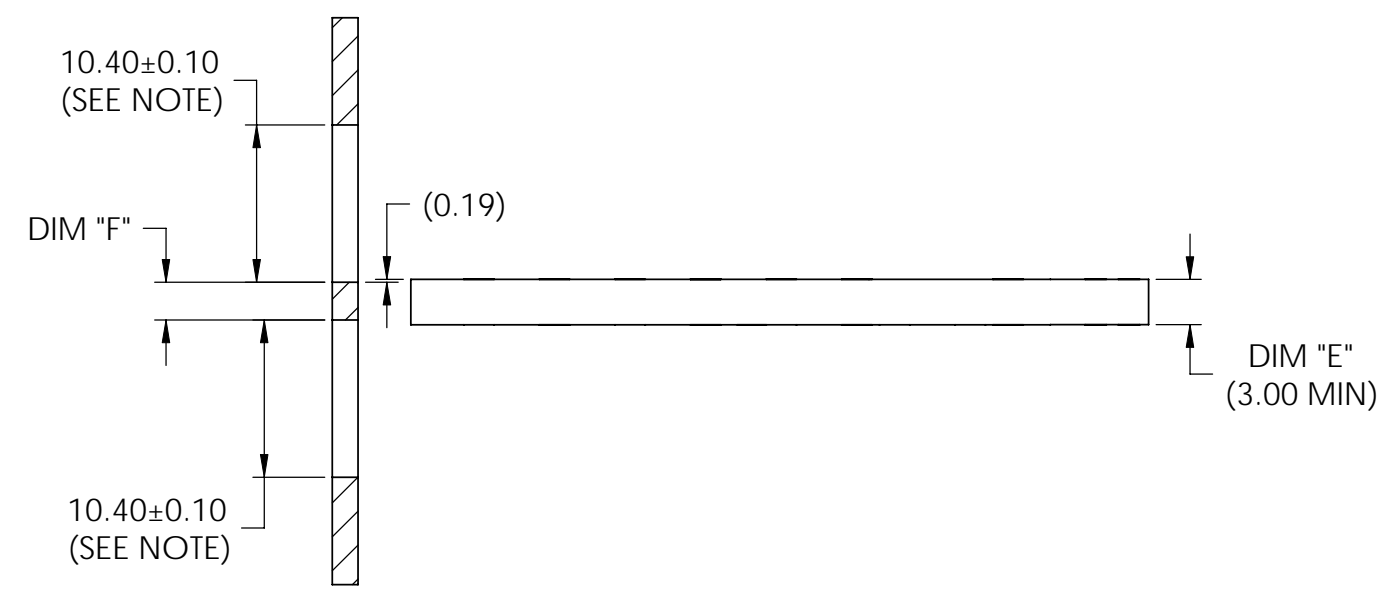
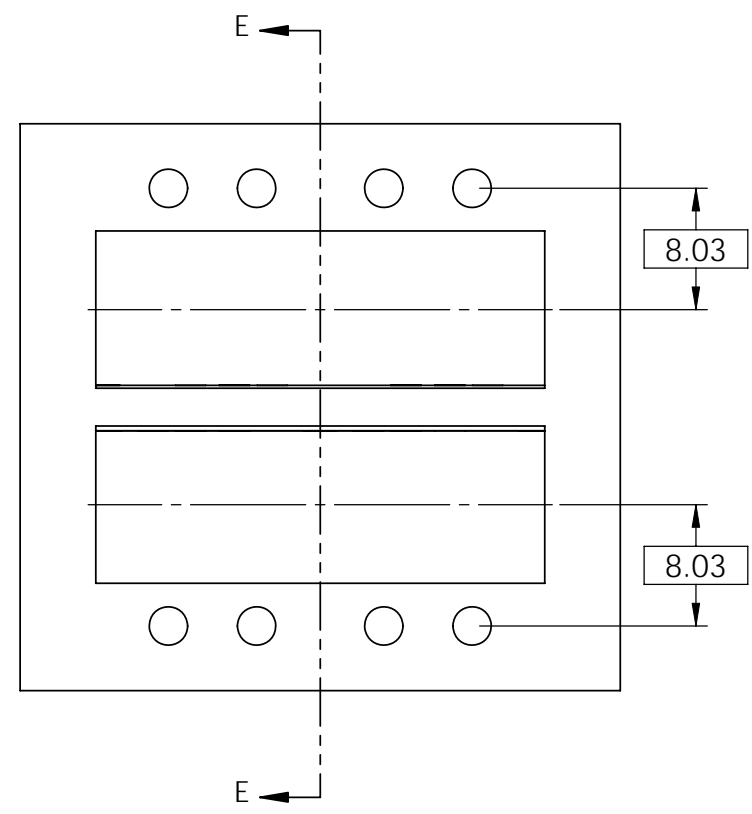
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REVISIONS				
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A		PROPOSAL	JUL22/09	



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

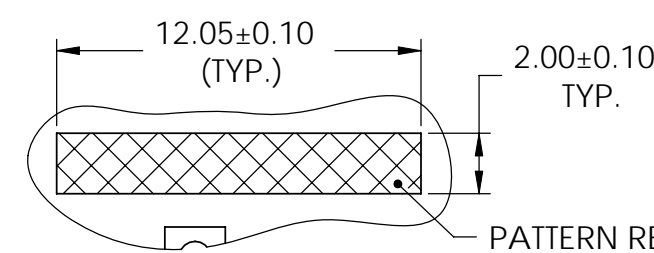
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DECIMALS	ANGLES	DRAWN	J.SI	JUL21/09			
X.X ± 0.38	± 1°	DESIGNED				<b>1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE</b>	
X.XX ± 0.25		CHECKED					
MATERIAL AND FINISH		QA APPD					
SEE NOTE 1		IE APPD				SIZE	DWG. NO.
REF.		DWG APPD				A3	P-U77-CX41M-X081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

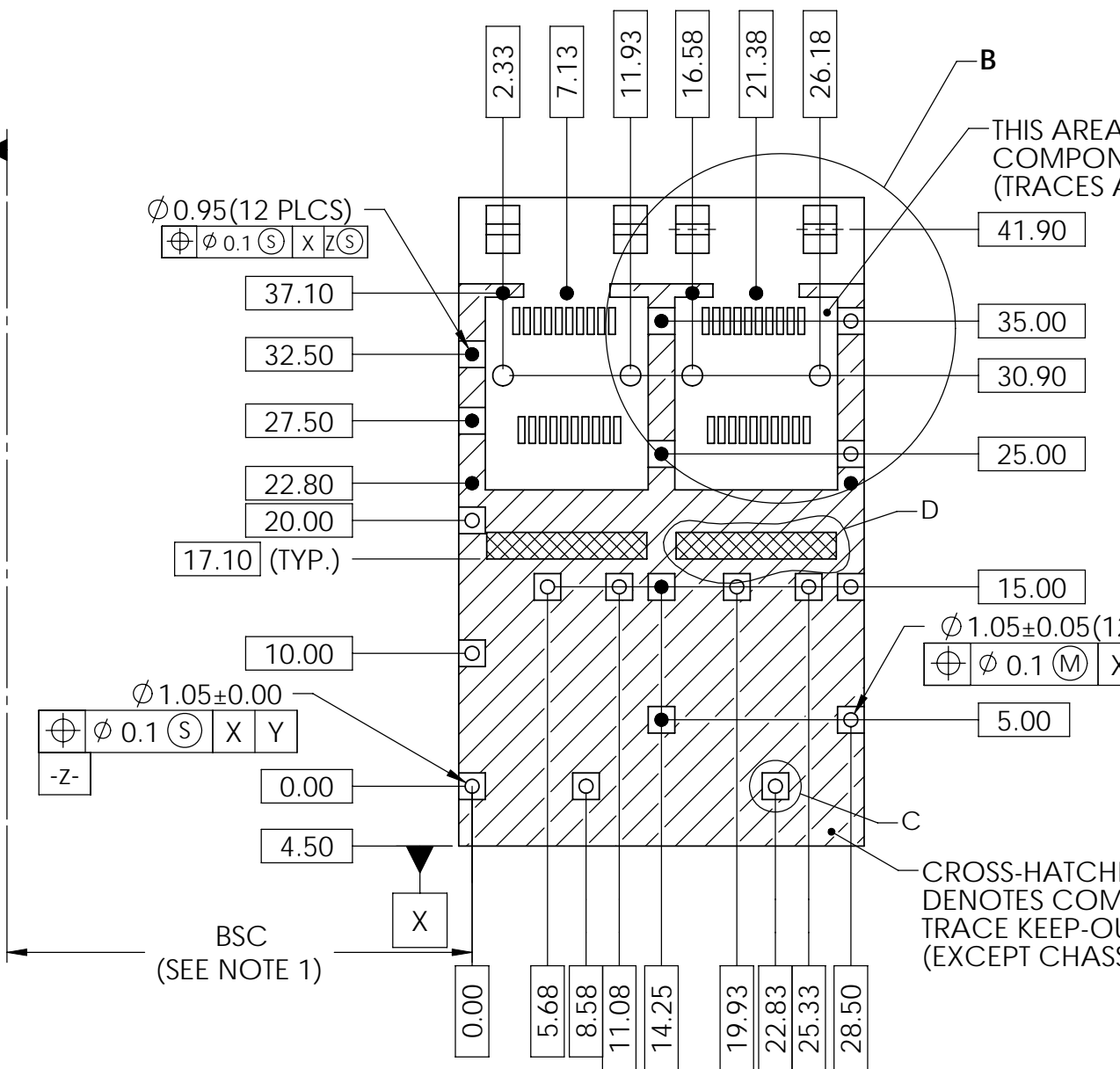
- NOTES:  
 1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.  
 2. PADS AND VIAS ARE CHASSIS GROUND.  
 3. THRU-HOLES, PLATING OPTIONAL.  
 4. SEE DRAWINGS P-UX76-A20-X00XX FOR CONNECTOR LAYOUT.

REVISIONS				
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A		PROPOSAL	JUL22/09	



DETAIL D  
SCALE 4 : 1

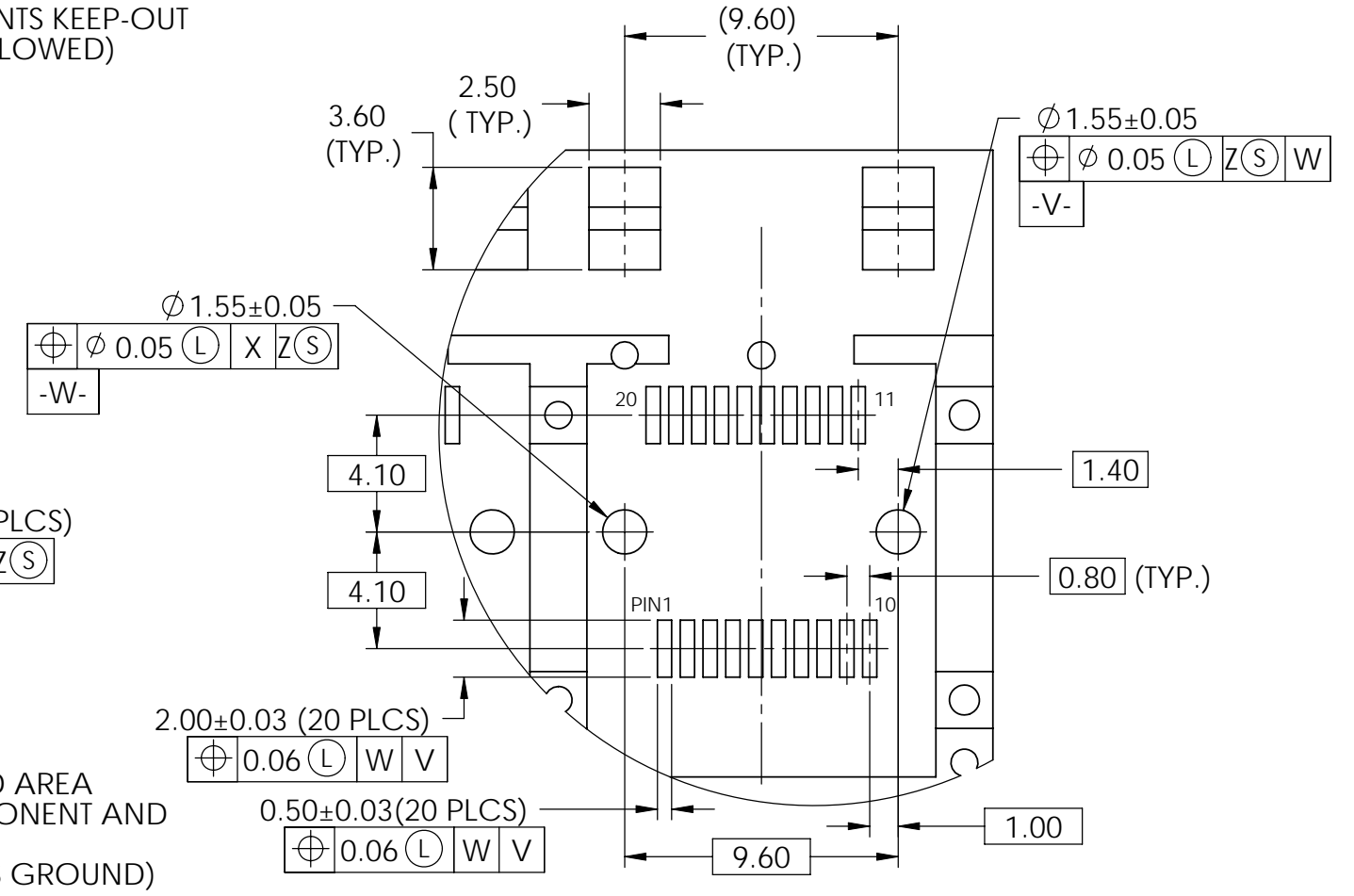
PATTERN REPEATS FOR EACH PORT.  
 SPACING BETWEEN PORTS IS 14.25mm.  
 APPLIES TO ALL GANGED LAYOUTS



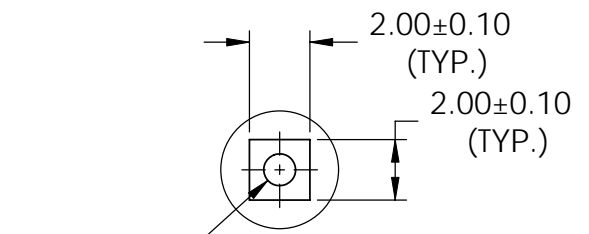
THIS AREA DENOTES  
 COMPONENTS KEEP-OUT  
 (TRACES ALLOWED)

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

BSC  
 (SEE NOTE 1)



DETAIL B  
SCALE 4 : 1



DETAIL C  
SCALE 4 : 1

**RECOMMENDED PCB DESIGN  
 FOR SINGLE SIDE MOUNTING  
 (P/N U77-C261M-X081)**

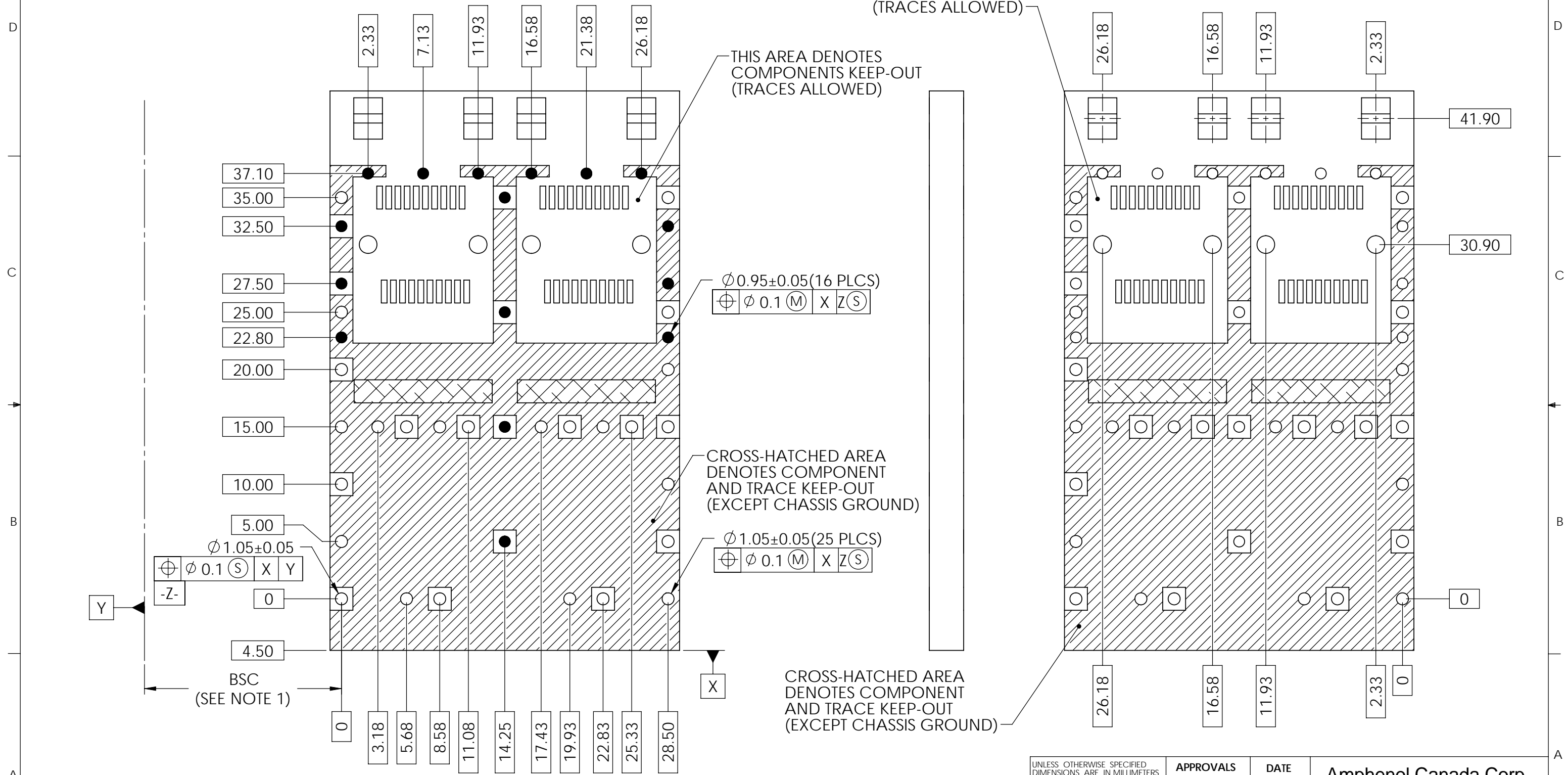
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	DRAWN J.SI	JUL21/09	
MATERIAL AND FINISH SEE NOTE 1	DESIGNED		1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE
	CHECKED		
REF.	QA APPD		SIZE A3
CODE IDENT. NO. 03554	IE APPD		DWG. NO. P-U77-CX41M-X081
	DWG APPD		SCALE 2:1
			PROJECT SHEET 6 OF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



**RECOMMENDED PCB DESIGN FOR BELLY TO BELLY MOUNTING**

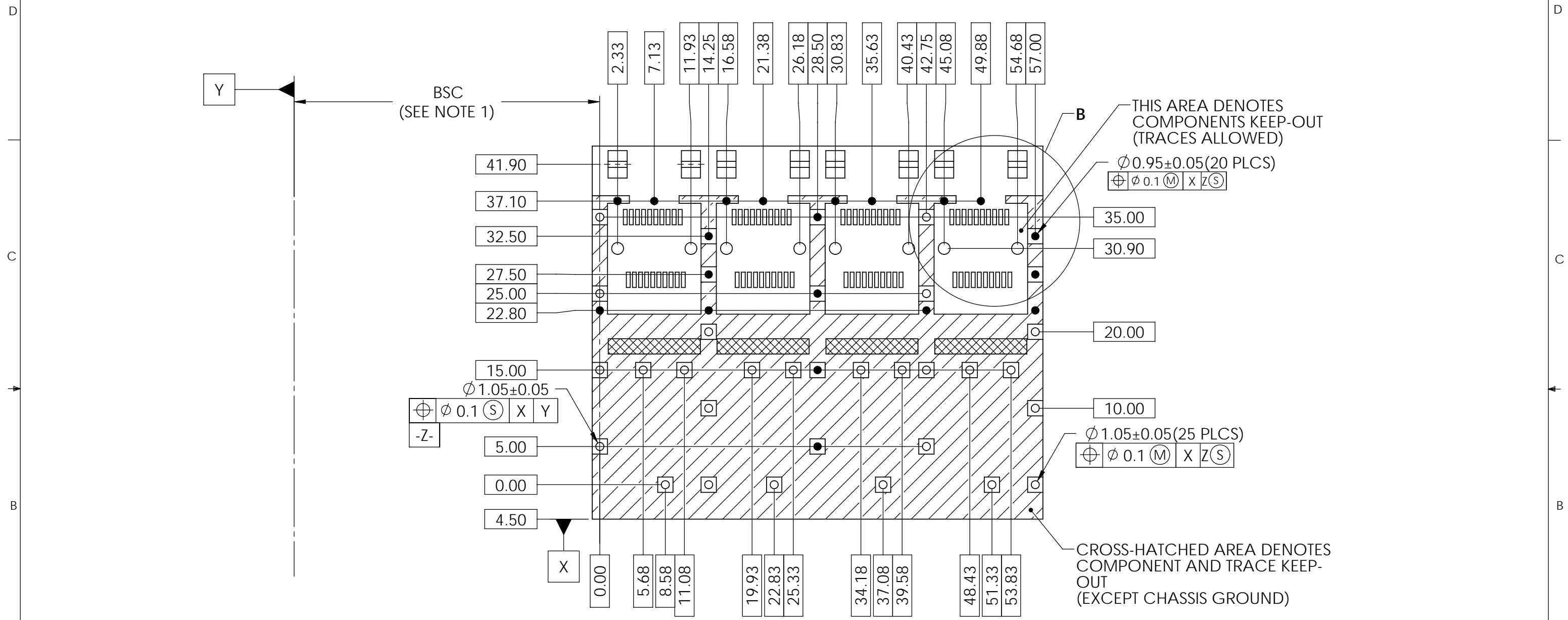
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	DRAWN	J.SI		JUL21/09
	DESIGNED			
	CHECKED			
MATERIAL AND FINISH	QA APPD			
SEE NOTE 1	IE APPD			
REF.	DWG APPD			
CODE IDENT. NO. 03554				
		SCALE 3:1		
		PROJECT		
		SHEET 7 OF 11		

- NOTES:  
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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	JUL22/09	



**RECOMMENDED PCB DESIGN  
 FOR SINGLE SIDE MOUNTING  
 (P/N U77-C461M-X081)**

**DO NOT SCALE DRAWING**

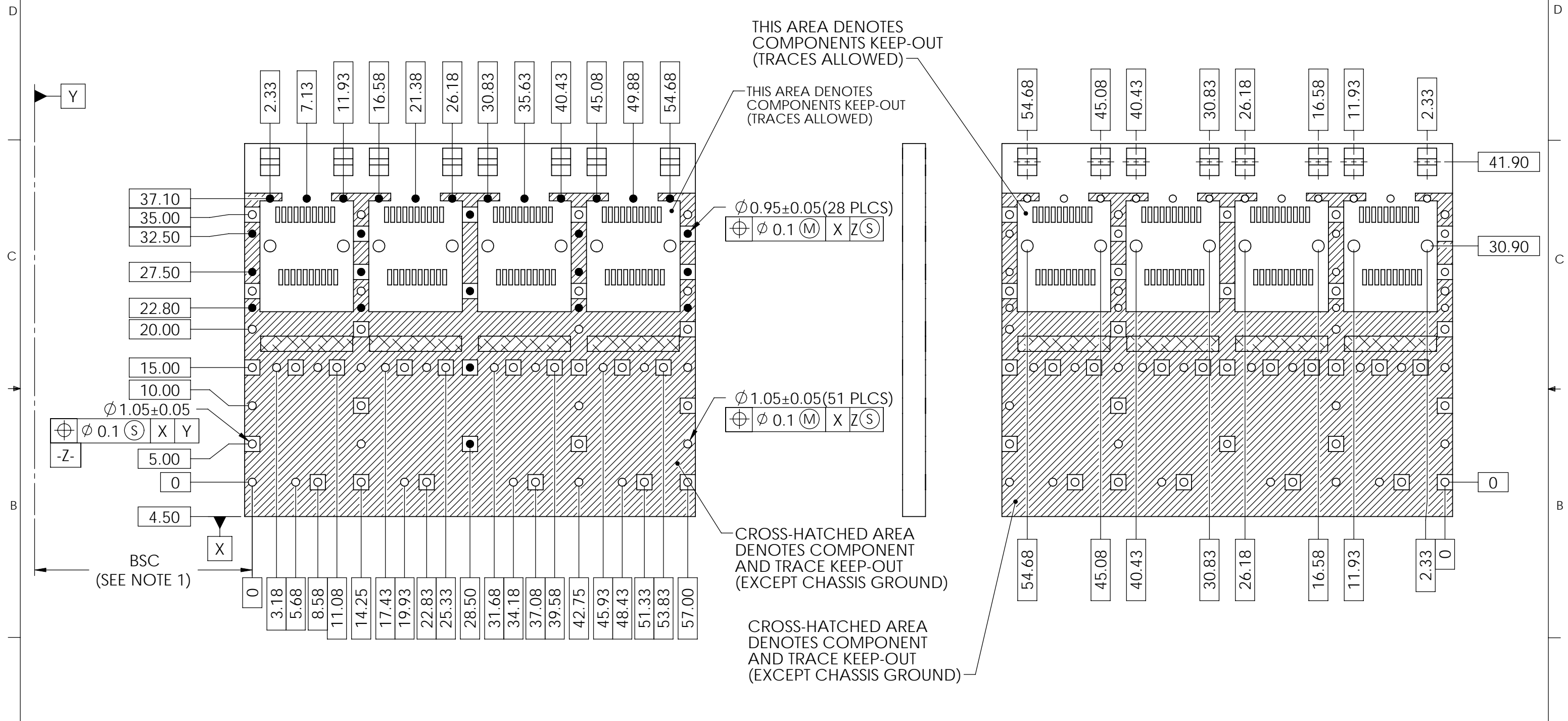
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	DRAWN J.SI	JUL21/09	
	DESIGNED		
	CHECKED		
MATERIAL AND FINISH SEE NOTE 1	QA APPD		
REF.	IE APPD		SIZE A3
CODE IDENT. NO. 03554	DWG APPD		DWG. NO. P-U77-CX41M-X081
			SCALE 1:1
			PROJECT
			SHEET 8 OF 11



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



**RECOMMENDED PCB DESIGN  
 FOR BELLY TO BELLY MOUNTING**

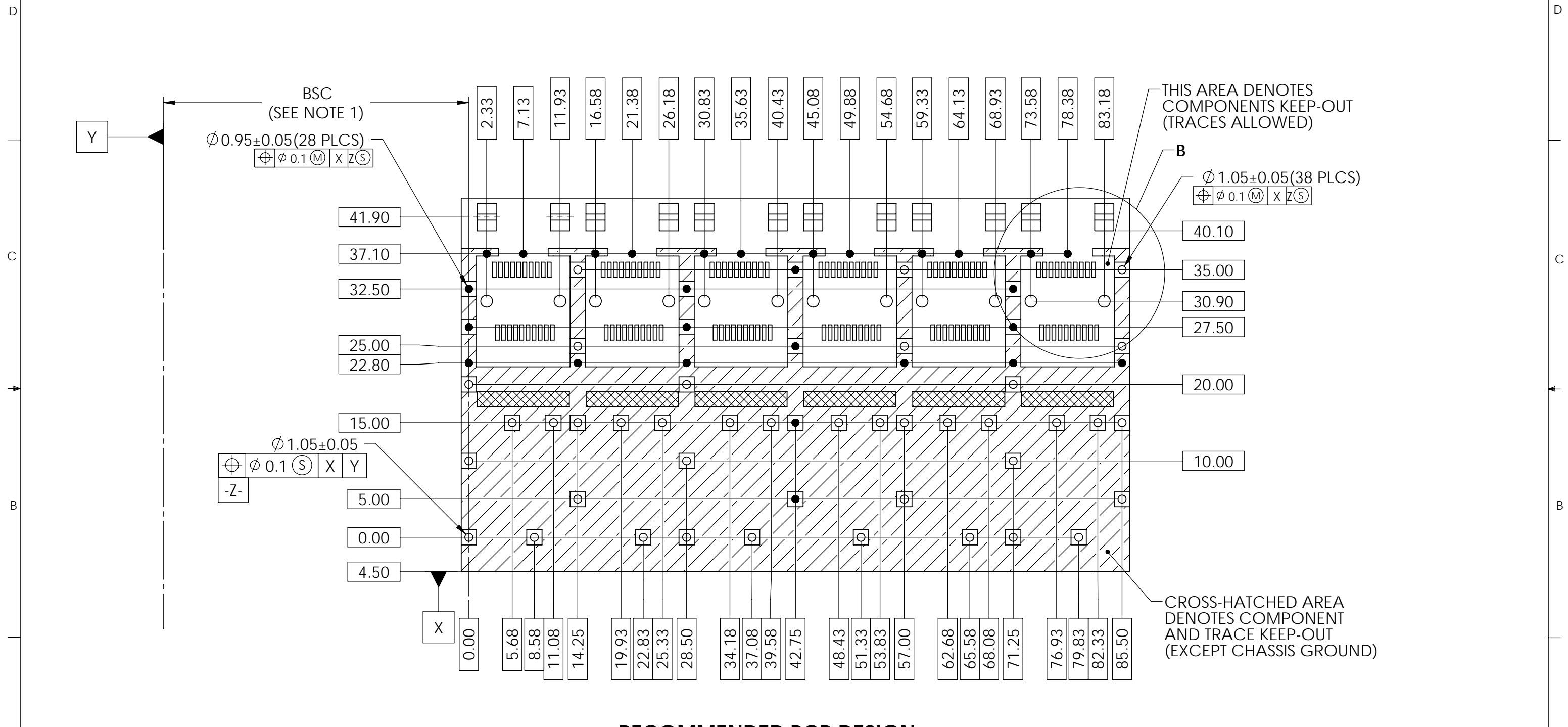
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	DRAWN J.SI	JUL21/09	
	DESIGNED		
	CHECKED		
	QA APPD		
	IE APPD		
	DWG APPD		

- 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	



**RECOMMENDED PCB DESIGN  
 FOR SINGLE SIDE MOUNTING  
 (P/N U77-C661M-X081)**

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	DRAWN      J.SI	JUL21/09	
	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-CX41M-X081
			SCALE      1:1
			PROJECT
			SHEET 10 OF 11

8      7      6      5      4      3      2      1

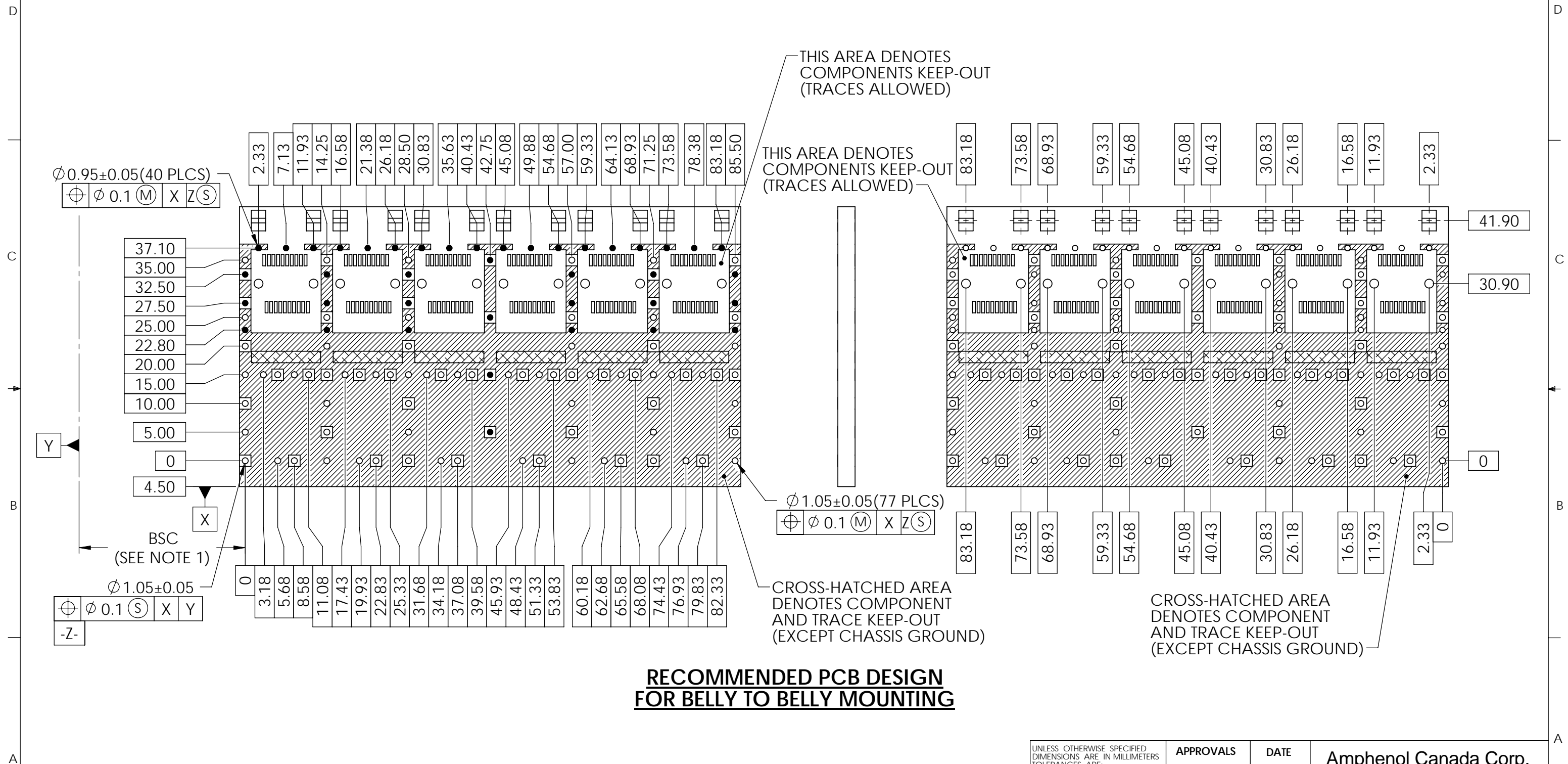
D  
C  
B  
A

D  
C  
B  
A

8      7      6      5      4      3      2      1

- 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	
		SIZE A3	DWG. NO. P-U77-CX41M-X081	
			REV. A	
			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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