

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

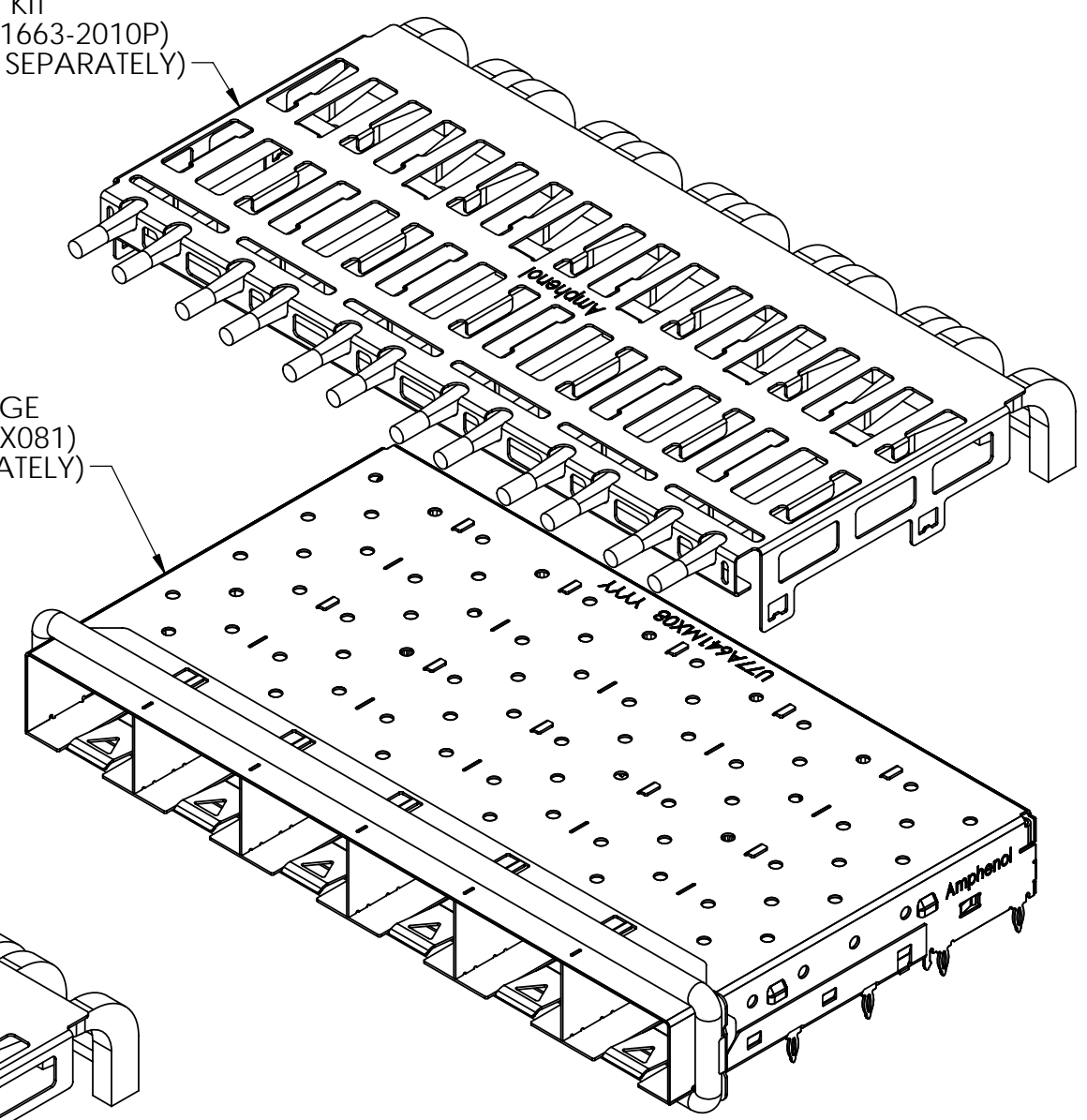
TEMPERATURE RANGE:
-40C TO +85C

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

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

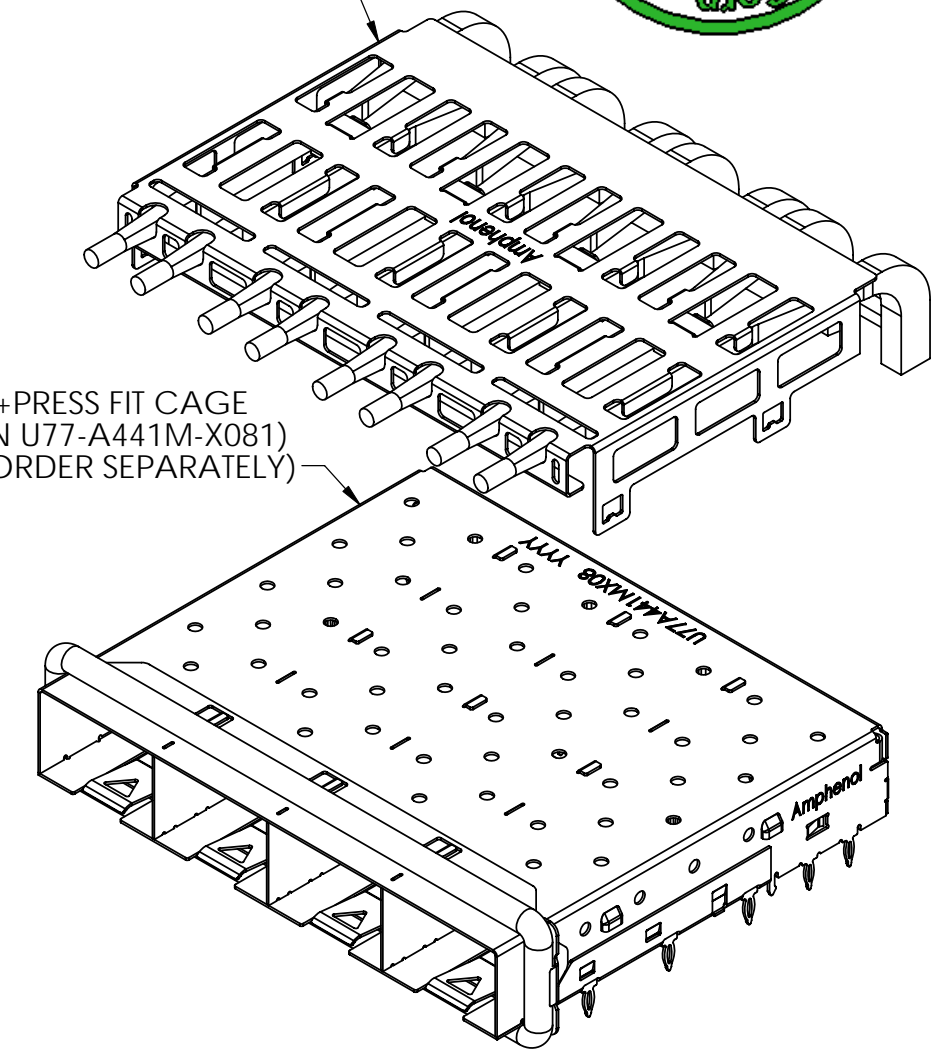
LIGHT PIPE KIT
(P/N: U77-1263-2010P)
(IF ORDER SEPARATELY)

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

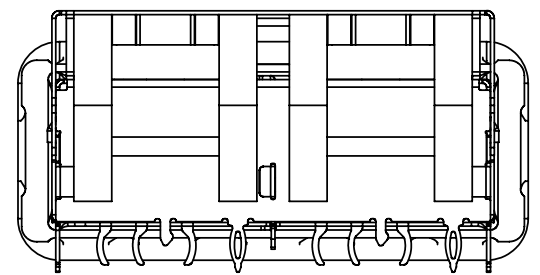
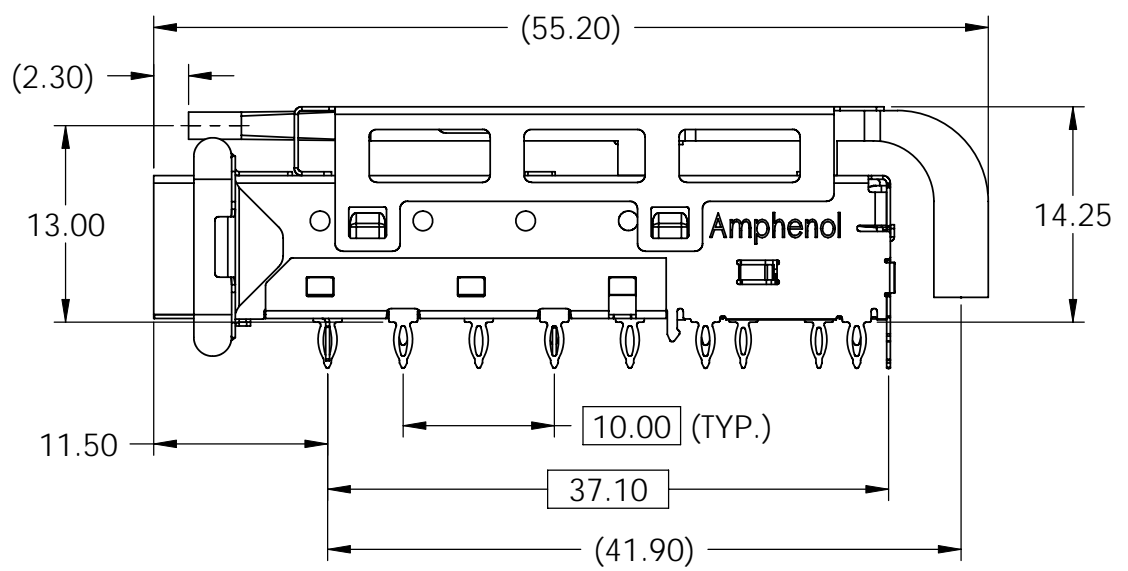
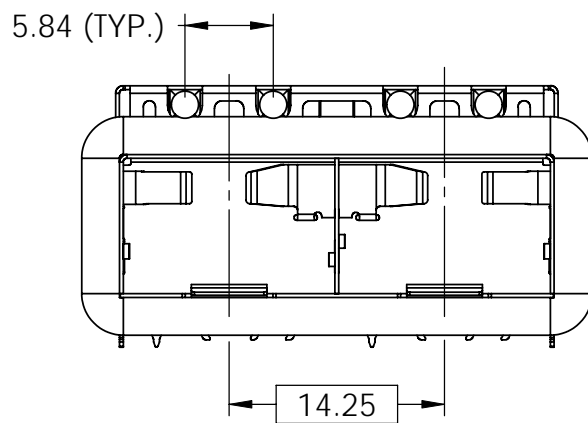
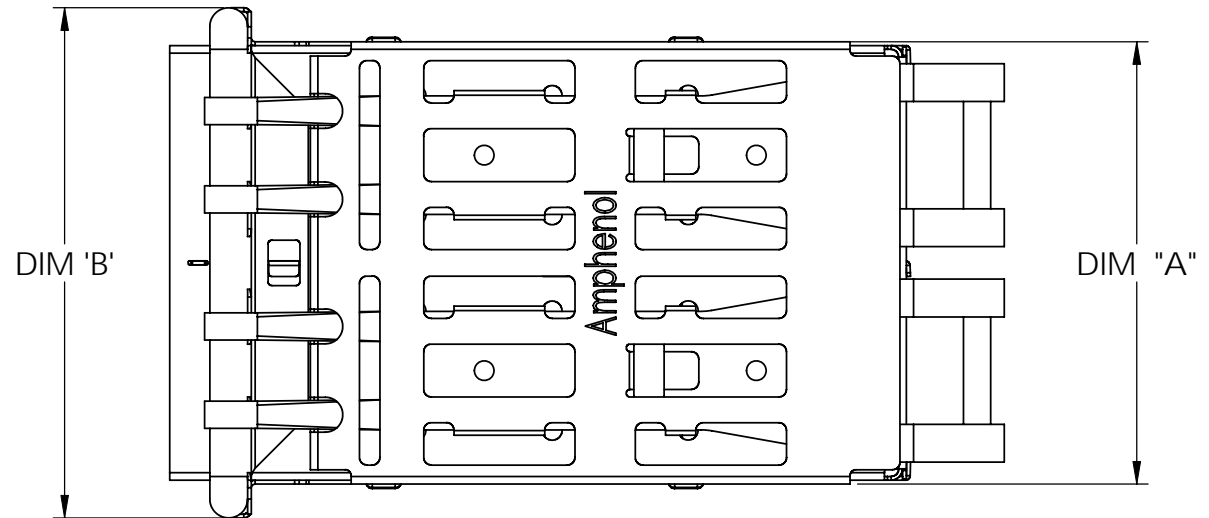
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE	Amphenol Canada Corp.	
DECIMALS	ANGLES	DRAWN	J.SI	JUL21/09	TITLE	
X.X ± 0.38	± 1°	DESIGNED			1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE	
X.XX ± 0.25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

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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A		PROPOSAL	JUL22/09	



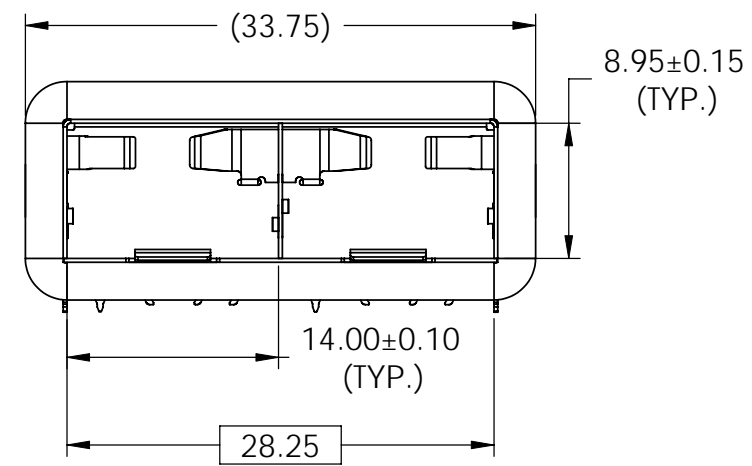
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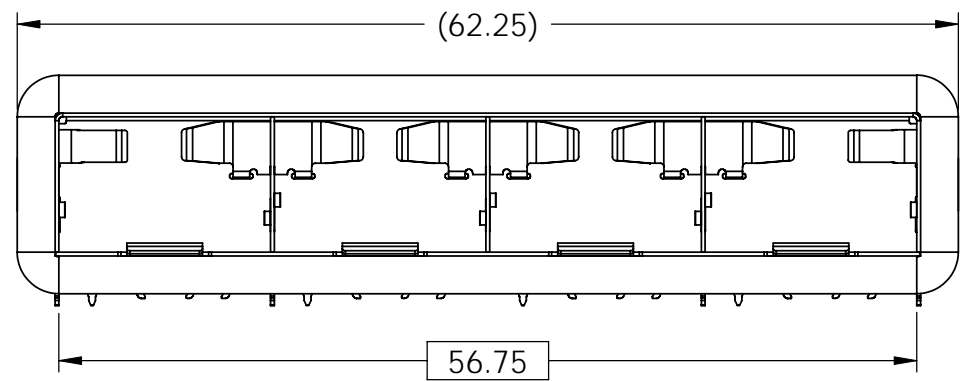
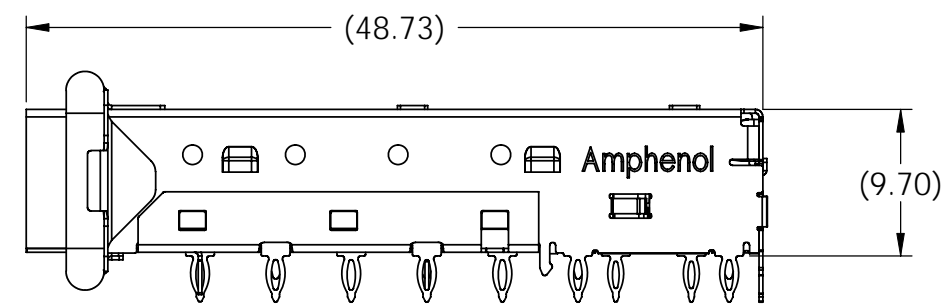
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS ANGLES X.X ± 0.38 ± 1° X.XX ± 0.25 MATERIAL AND FINISH SEE NOTE 1 REF. CODE IDENT. NO. 03554	APPROVALS	DATE	Amphenol Canada Corp. TITLE 1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE SIZE DWG. NO. REV. A3 P-U77-CX41M-X081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

REVISIONS

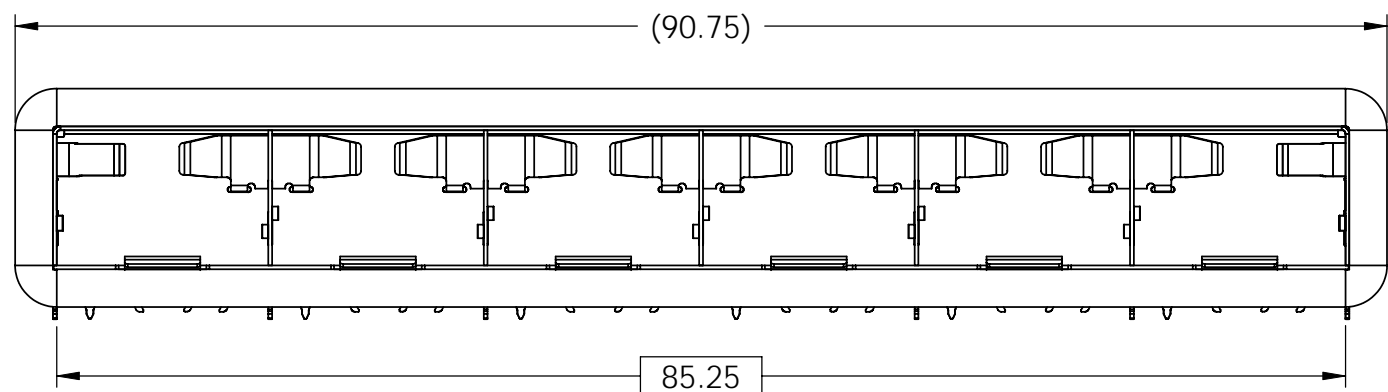
REV.	ECN/E-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	JUL22/09	



U77-A261M-X081



U77-A461M-X081



U77-A661M-X081

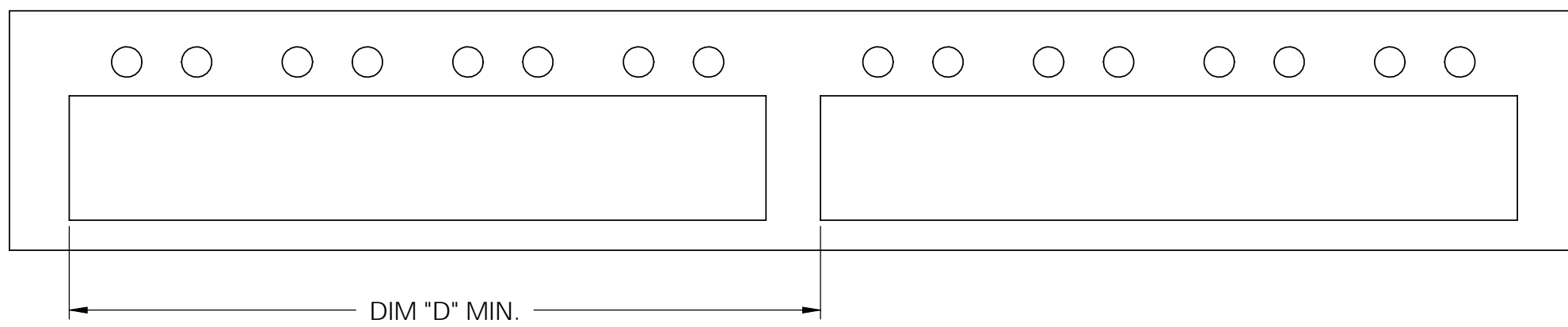
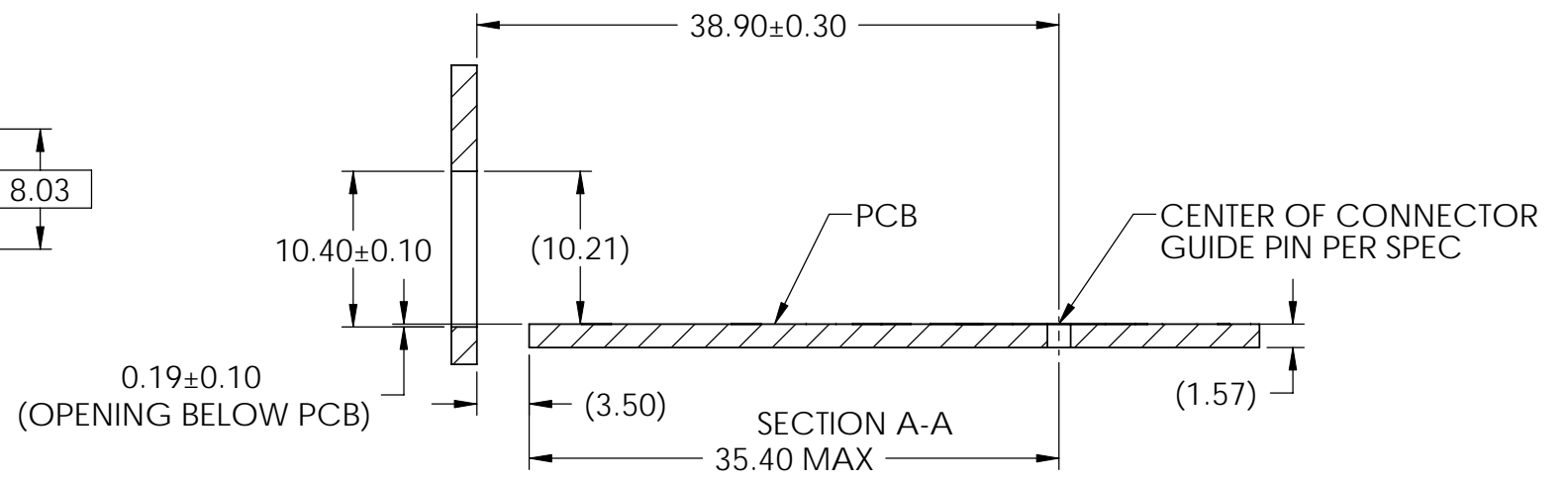
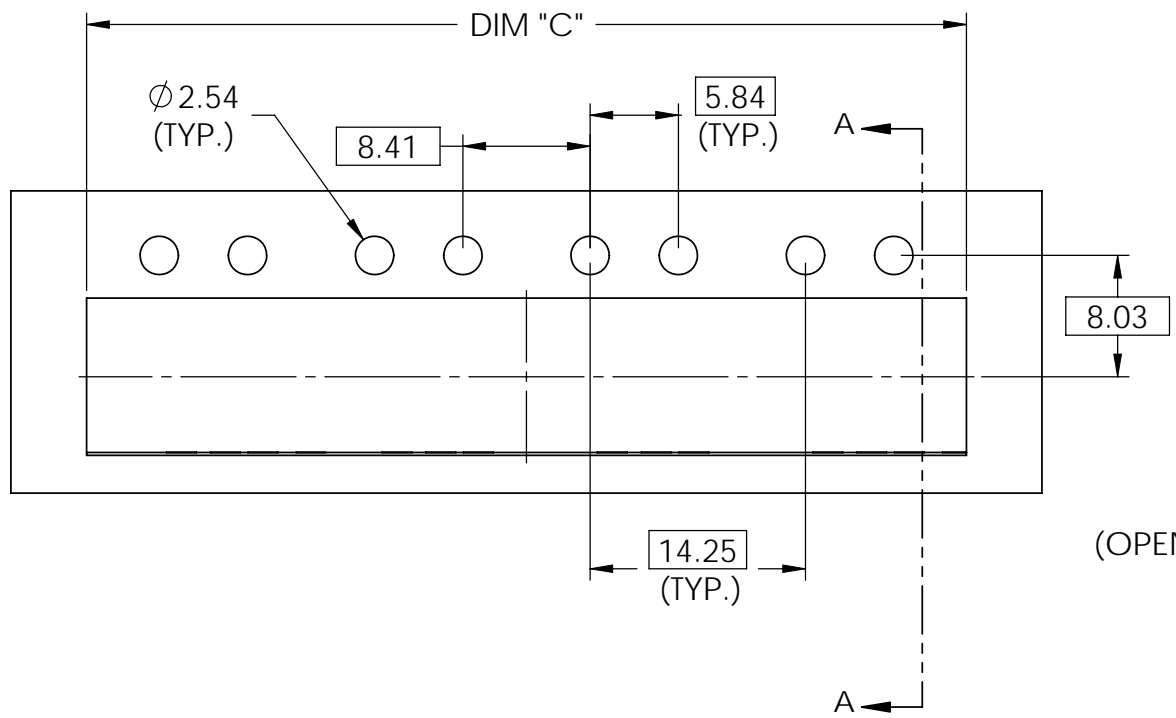
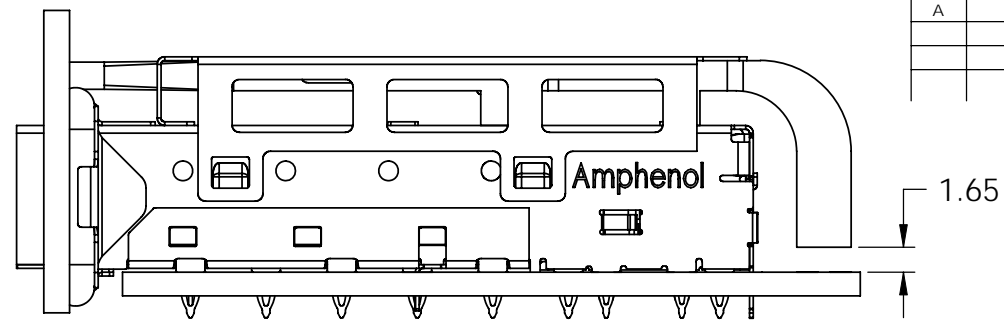
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS ANGLES X.X ± 0.38 ± 1° X.XX ± 0.25	APPROVALS	DATE	Amphenol Canada Corp.		
	DRAWN J.SI	JUL21/09			TITLE
	DESIGNED		1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE		
	CHECKED				SIZE DWG. NO REV.
MATERIAL AND FINISH SEE NOTE 1	QA APPD		A3	P-U77-CX41M-X081	A
REF.	IE APPD		SCALE	PROJECT	SHEET
CODE IDENT. NO. 03554	DWG APPD		2:1		3 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				
REV.	ECN/E-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	JUL22/09	



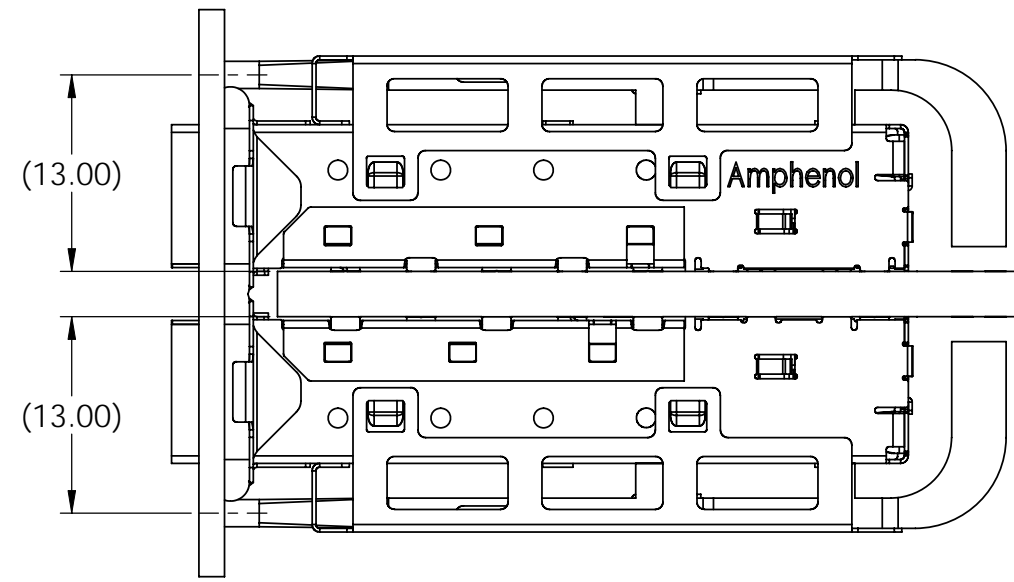
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE		Amphenol Canada Corp.	
DECIMALS	ANGLES	DRAWN	J.SI	JUL21/09			
X.X ± 0.38	± 1°	DESIGNED				1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE	
X.XX ± 0.25		CHECKED					
MATERIAL AND FINISH		QA APPD				SIZE	DWG.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

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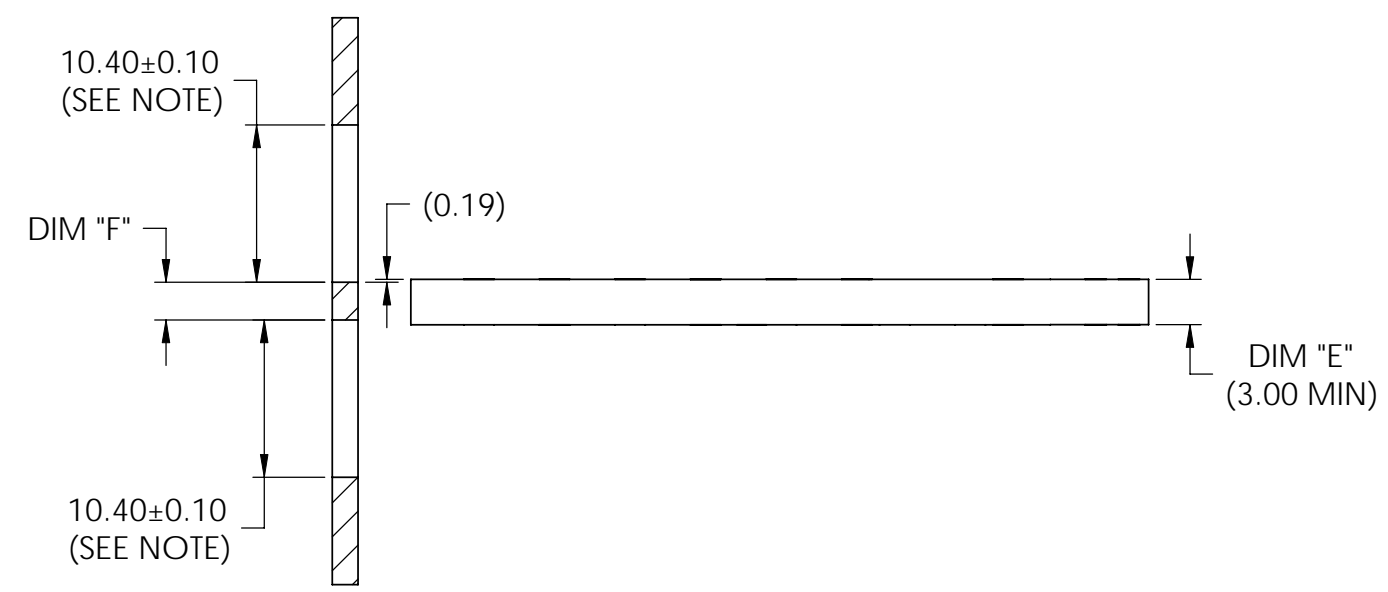
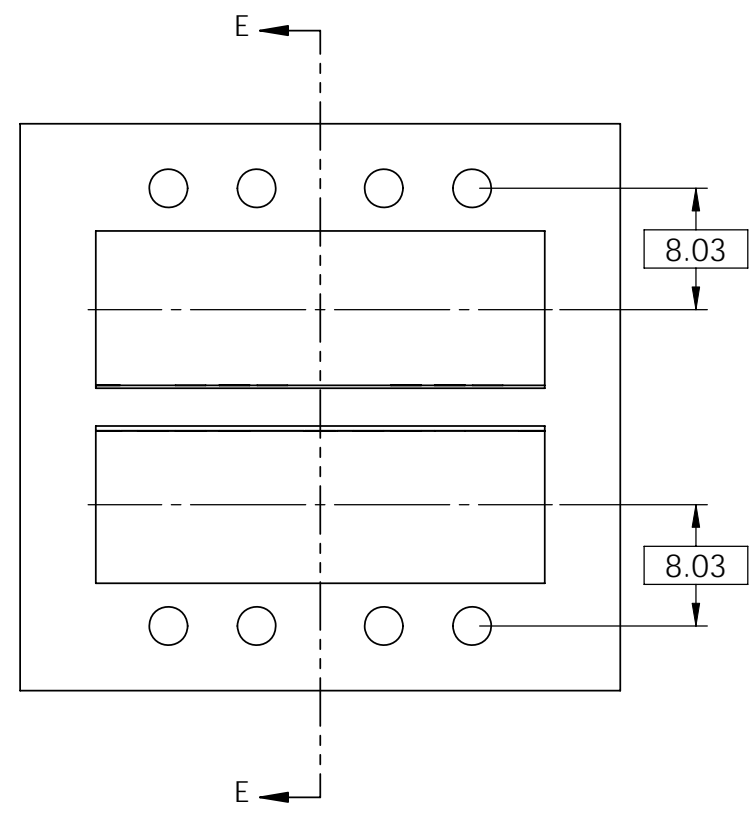
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REVISIONS				
REV.	ECN/E-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	JUL22/09	

D
C
B
A



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.



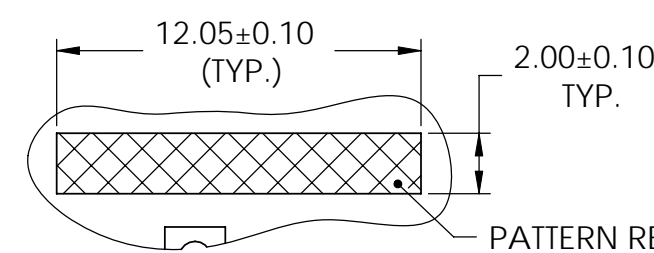
SECTION E-E

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	DRAWN	J.SI		
	DESIGNED			TITLE
	CHECKED			1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE
MATERIAL AND FINISH SEE NOTE 1	QA APPD		SIZE A3	DWG. NO P-U77-CX41M-X081
REF.	IE APPD		SCALE 2:1	PROJECT
CODE IDENT. NO. 03554	DWG APPD		SHEET 5 OF 11	REV. A

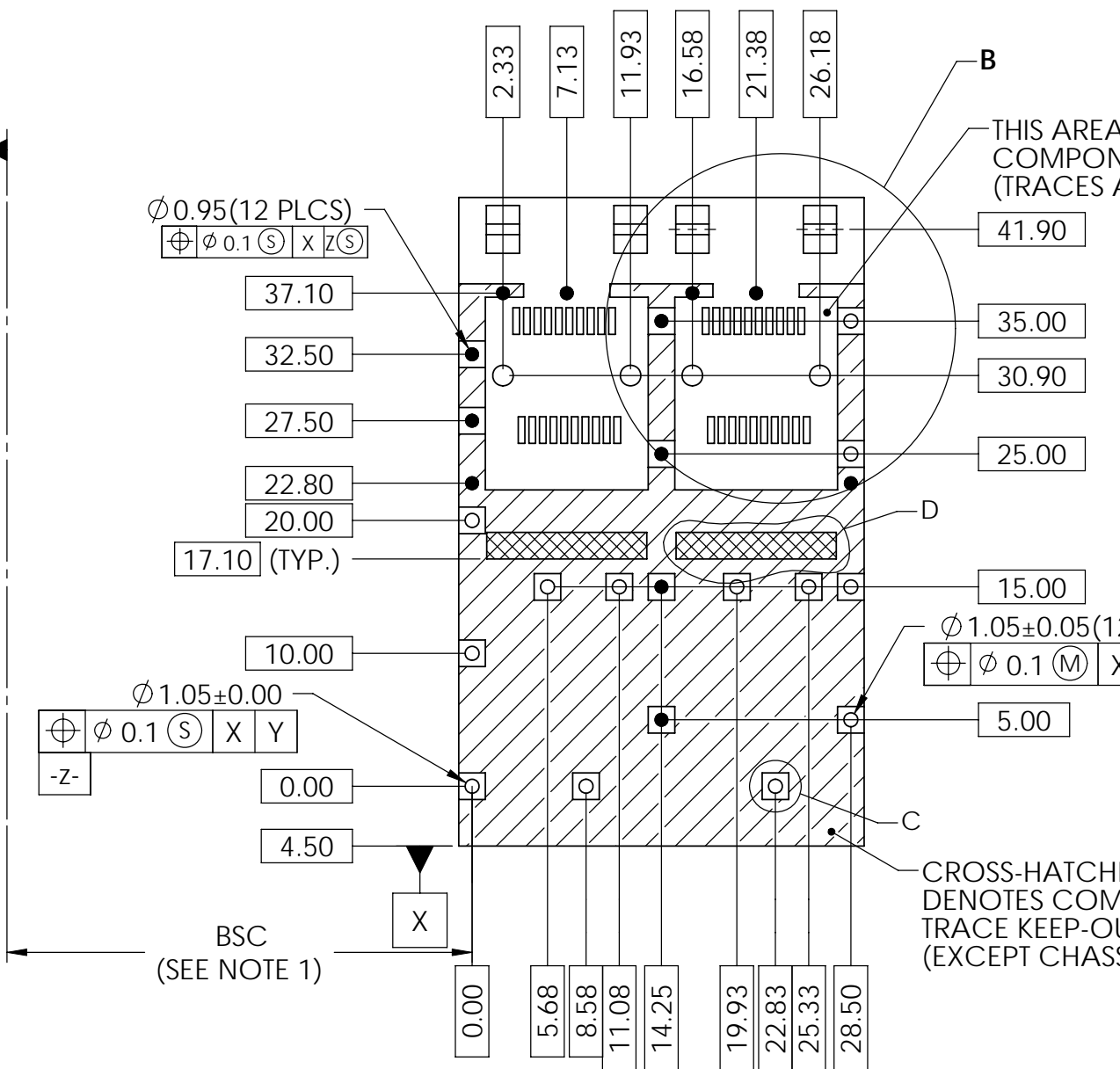
- NOTES:
 1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
 2. PADS AND VIAS ARE CHASSIS GROUND.
 3. THRU-HOLES, PLATING OPTIONAL.
 4. SEE DRAWINGS P-UX76-A20-X00XX FOR CONNECTOR LAYOUT.

REVISIONS				
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DETAIL D
SCALE 4 : 1

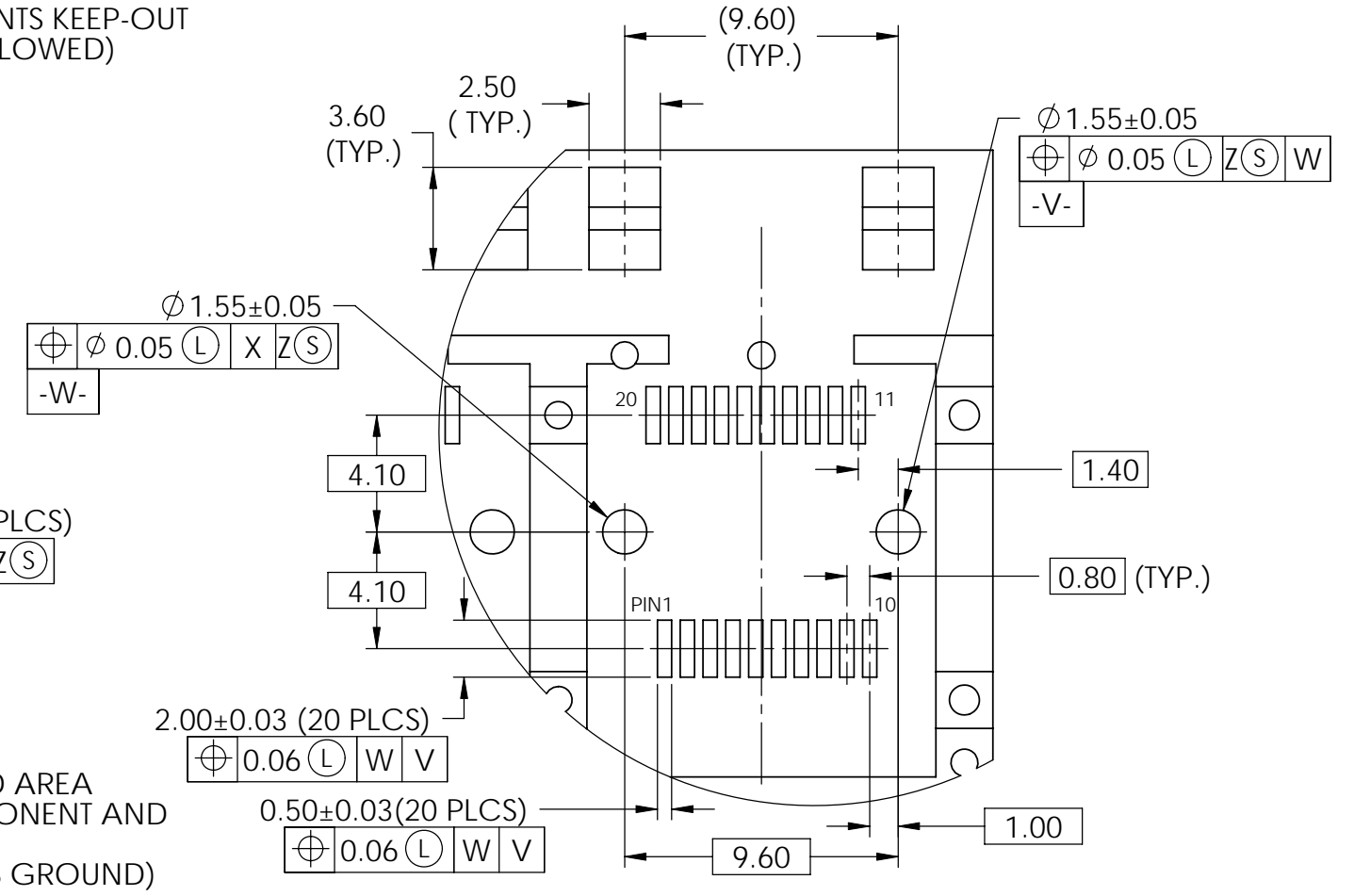
PATTERN REPEATS FOR EACH PORT.
 SPACING BETWEEN PORTS IS 14.25mm.
 APPLIES TO ALL GANGED LAYOUTS



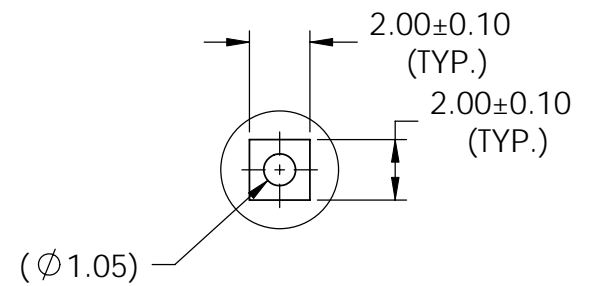
THIS AREA DENOTES
 COMPONENTS KEEP-OUT
 (TRACES ALLOWED)

$\phi 1.05 \pm 0.05$ (12 PLCS)
 $\phi 0.1$ (M) X Z (S)

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



DETAIL B
SCALE 4 : 1



DETAIL C
SCALE 4 : 1

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

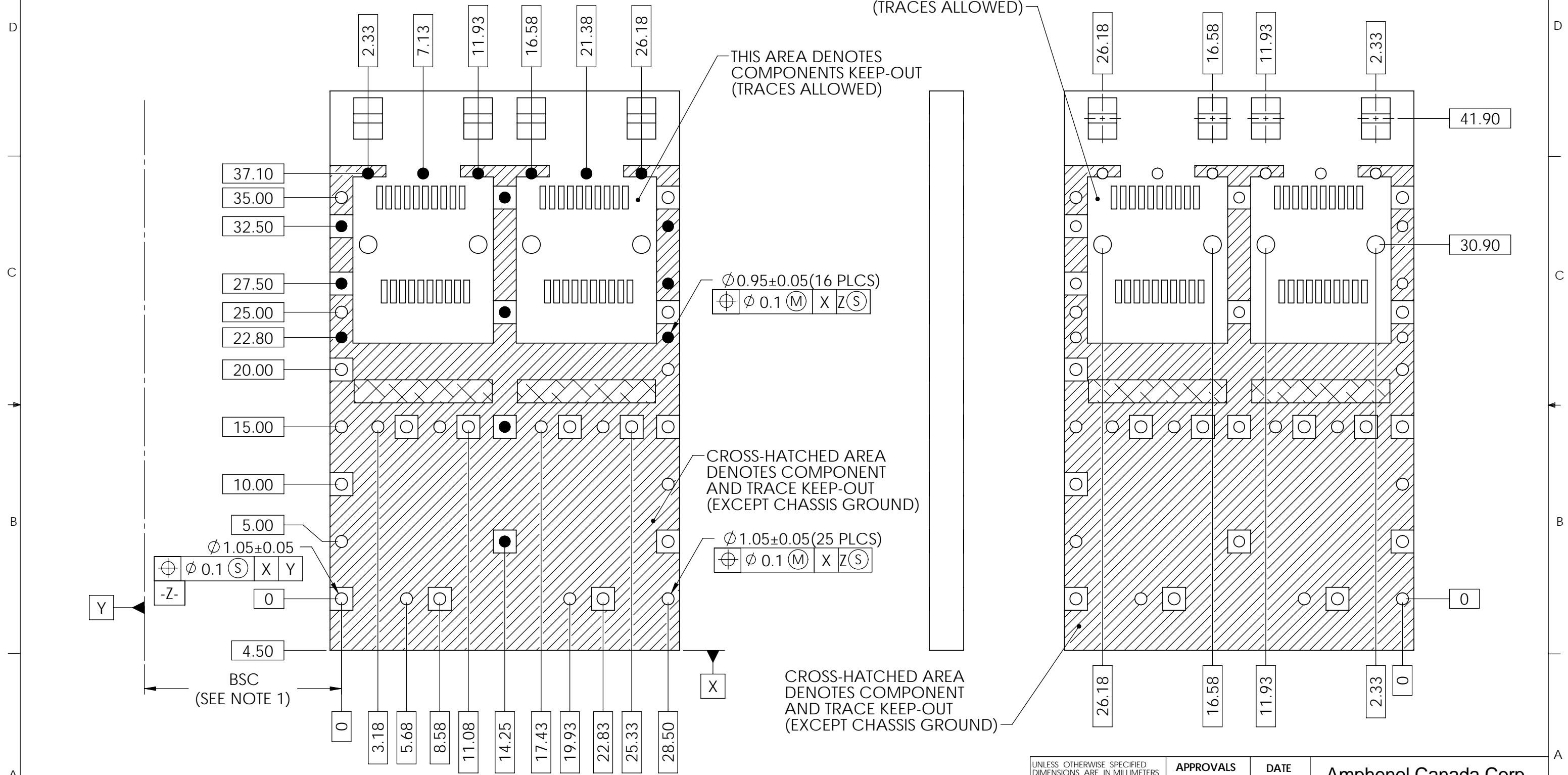
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	DRAWN	J.SI		JUL21/09
	DESIGNED			
	CHECKED			
MATERIAL AND FINISH	QA APPD		1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE	
SEE NOTE 1				
REF.	IE APPD		SIZE A3	
CODE IDENT. NO. 03554	DWG APPD		DWG. NO. P-U77-CX41M-X081	
			SCALE 2:1	
			PROJECT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

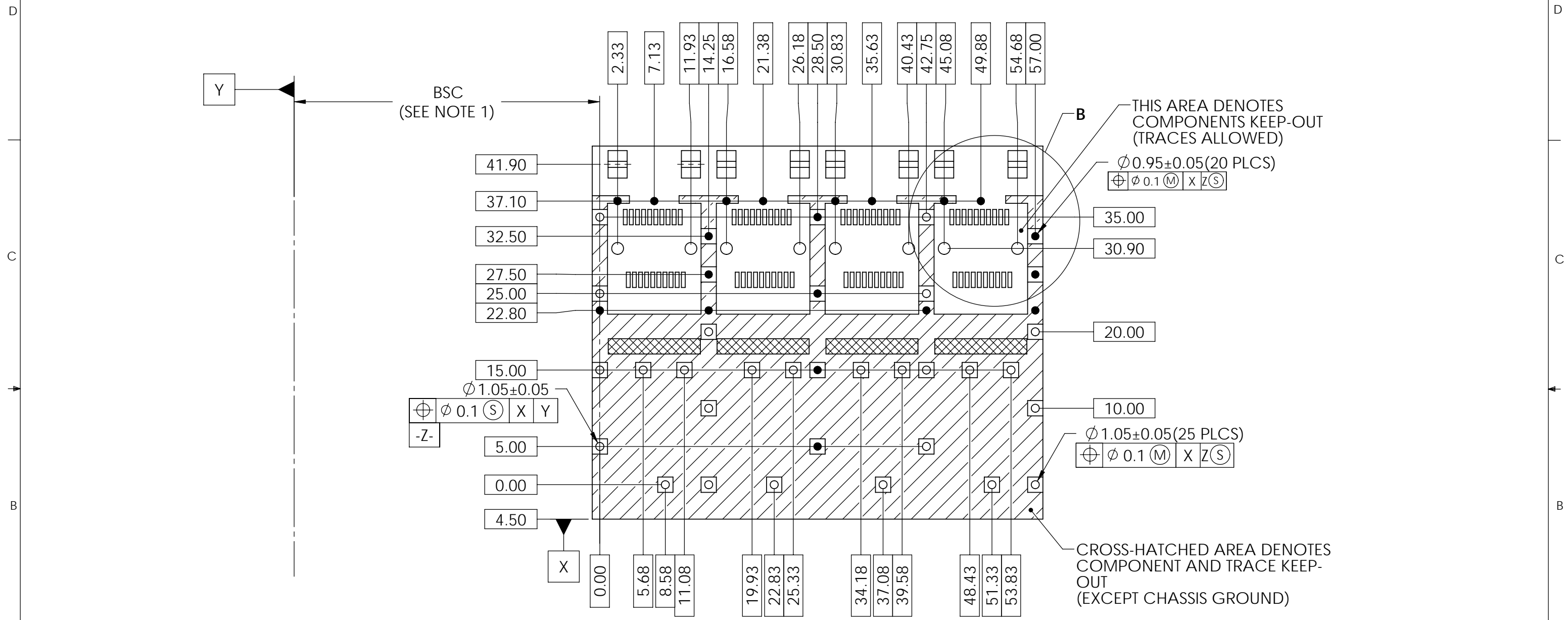
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	DRAWN	J.SI		JUL21/09
	DESIGNED			
	CHECKED			
MATERIAL AND FINISH	QA APPD			
SEE NOTE 1				
REF.	IE APPD			
CODE IDENT. NO. 03554	DWG APPD			
		SCALE 3:1	PROJECT	
			SHEET 7 OF 11	

- 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				
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A		PROPOSAL	JUL22/09	



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

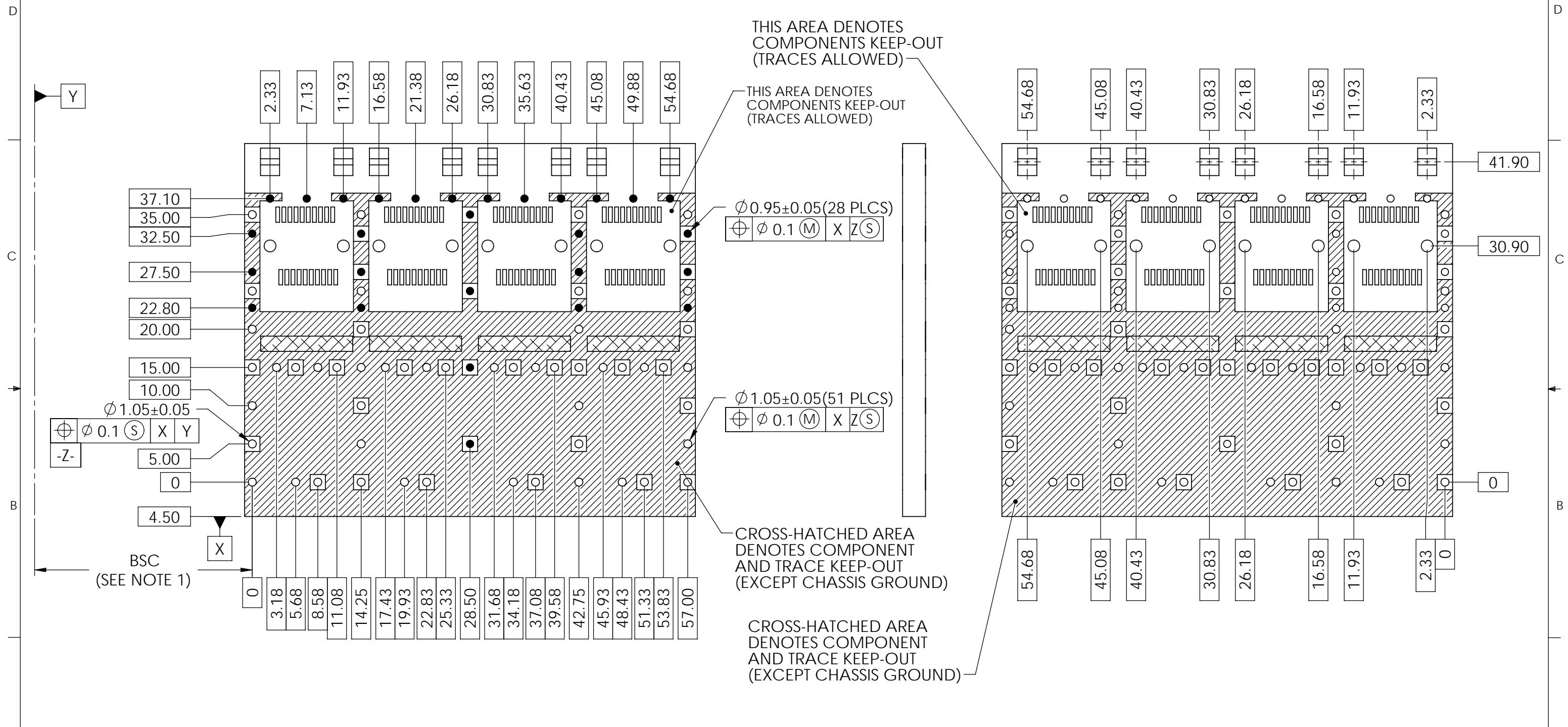
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	DRAWN J.SI	JUL21/09	
	DESIGNED		
	CHECKED		
MATERIAL AND FINISH SEE NOTE 1	QA APPD		
REF.	IE APPD		SIZE A3
CODE IDENT. NO. 03554	DWG APPD		DWG. NO. P-U77-CX41M-X081
			SCALE 1:1
			PROJECT
			SHEET 8 OF 11

- 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.

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



RECOMMENDED PCB DESIGN FOR BELLY TO BELLY MOUNTING

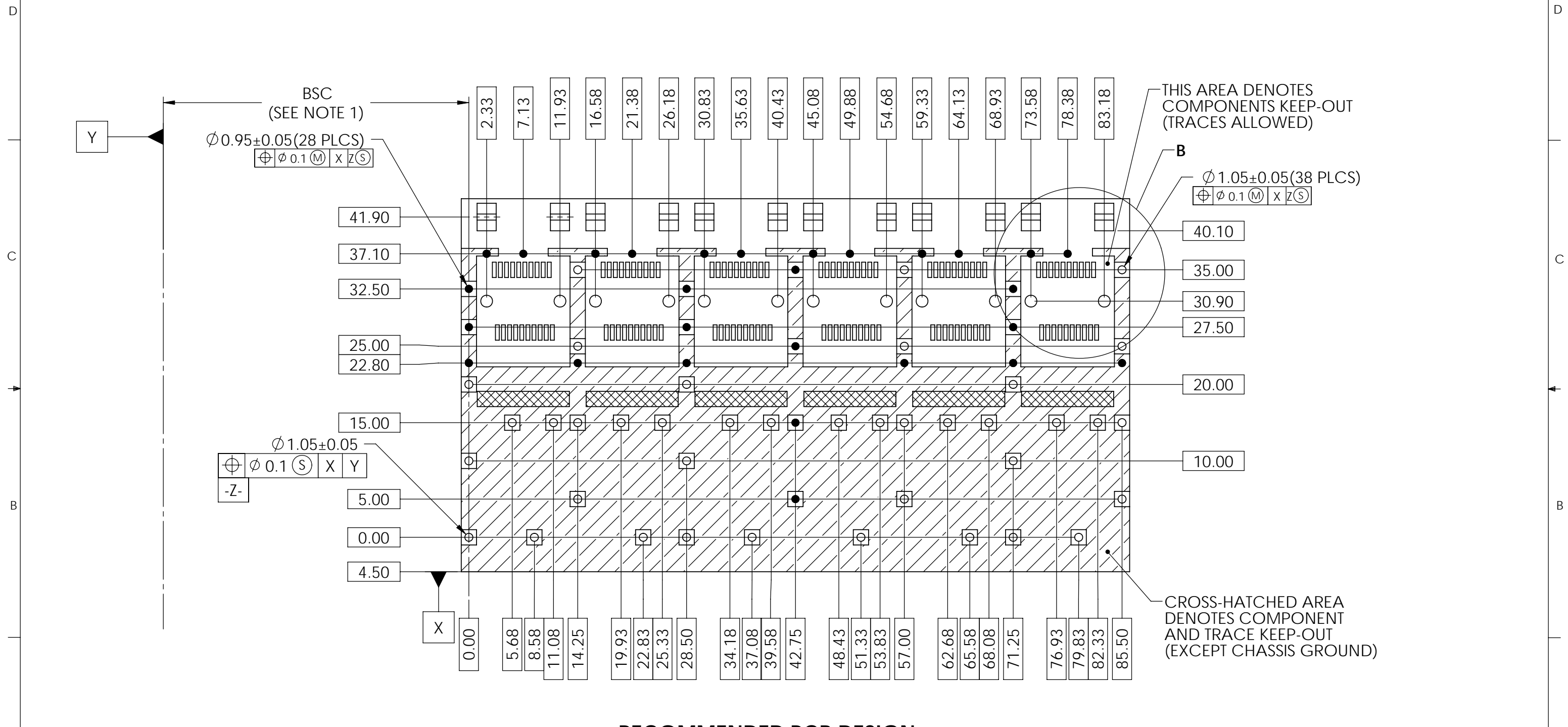
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	DRAWN J.SI	JUL21/09	
	DESIGNED		
	CHECKED		
	QA APPD		
	IE APPD		
	DWG APPD		

- NOTES:
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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 SINGLE SIDE MOUNTING
 (P/N U77-C661M-X081)**

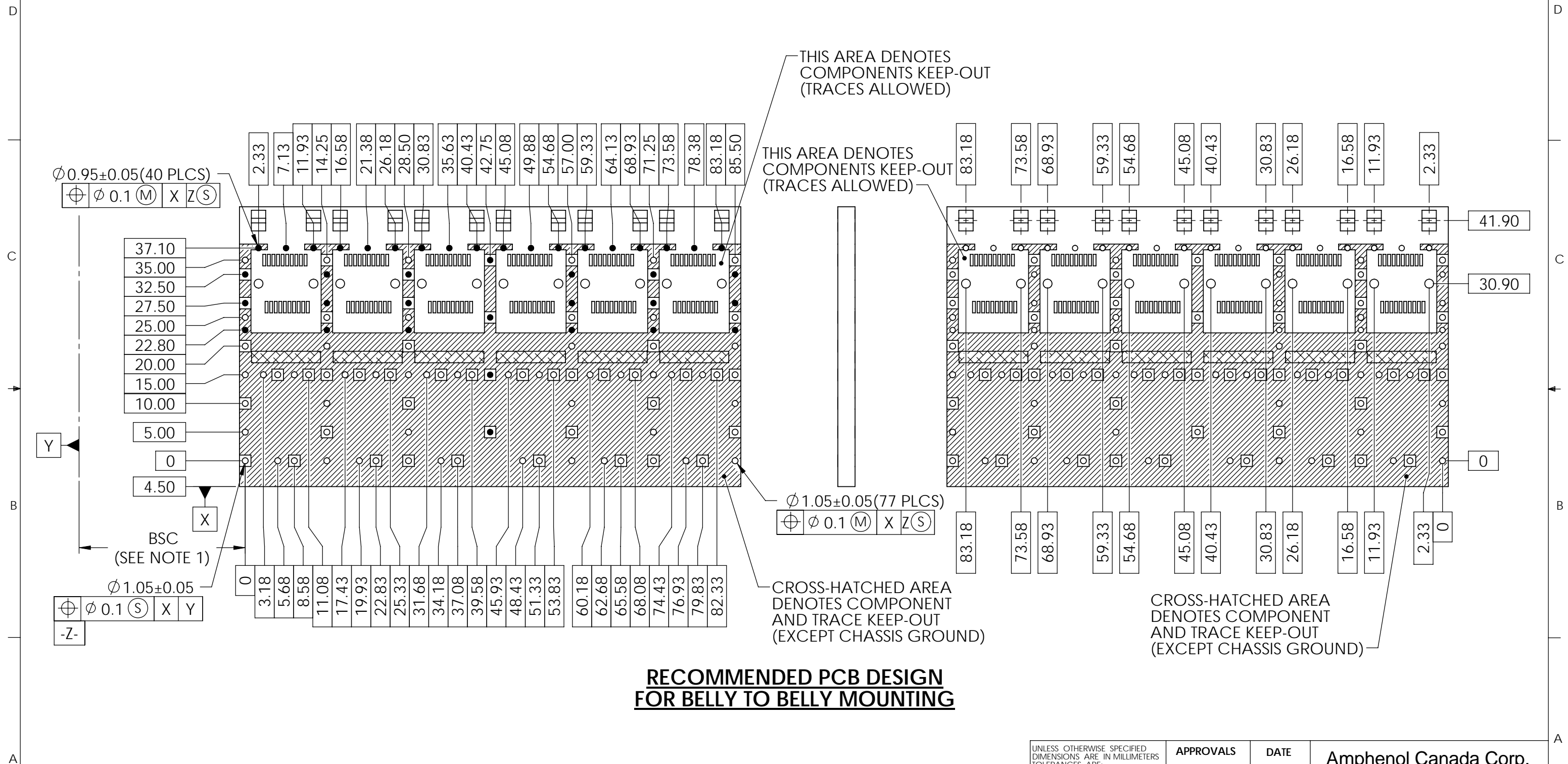
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	DRAWN	J.SI		JUL21/09
	DESIGNED			
	CHECKED			
MATERIAL AND FINISH SEE NOTE 1	QA APPD			
REF.	IE APPD			
CODE IDENT. NO. 03554	DWG APPD			
SIZE A3	DWG. NO. P-U77-CX41M-X081	REV. A		
SCALE 1:1	PROJECT	SHEET 10 OF 11		

- NOTES:
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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

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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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