

REVISIONS				
REV	ECN/E-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR 26/09	
B		B-B APPLICATION ADDED	AUG 13/09	
C		PROPOSAL	MAR 15/12	



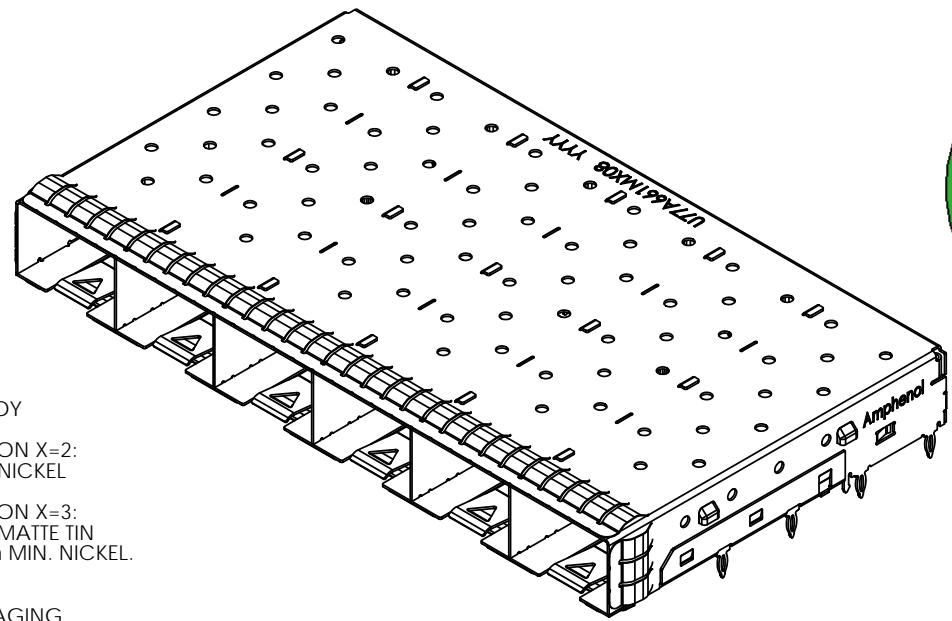
MATERIAL:
 CAGE:
 COPPER ALLOY

PLATING OPTION X=2:
 2.54um MIN. NICKEL

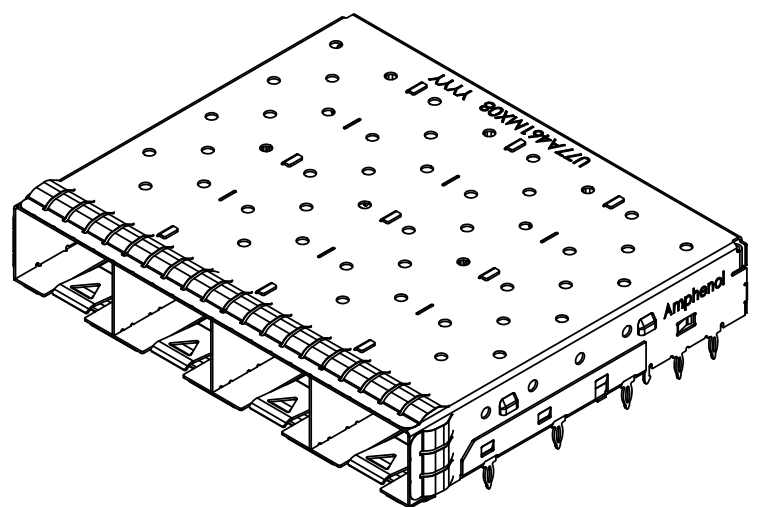
PLATING OPTION X=3:
 3.81um MIN. MATTE TIN
 OVER 1.27um MIN. NICKEL.

PACKAGING:
 TRAY PACKAGING

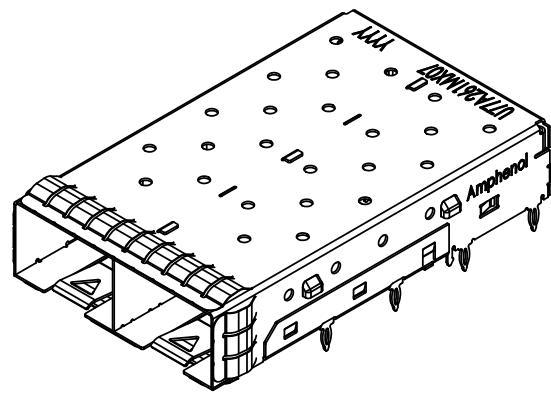
TEMPERATURE RANGE:
 -40°C TO +85°C



P/N: U77-A661M-X081 SHOWN



P/N: U77-A461M-X081 SHOWN



P/N: U77-A261M-X081 SHOWN

AMPHENOL PART NUMBER CONFIGURATION

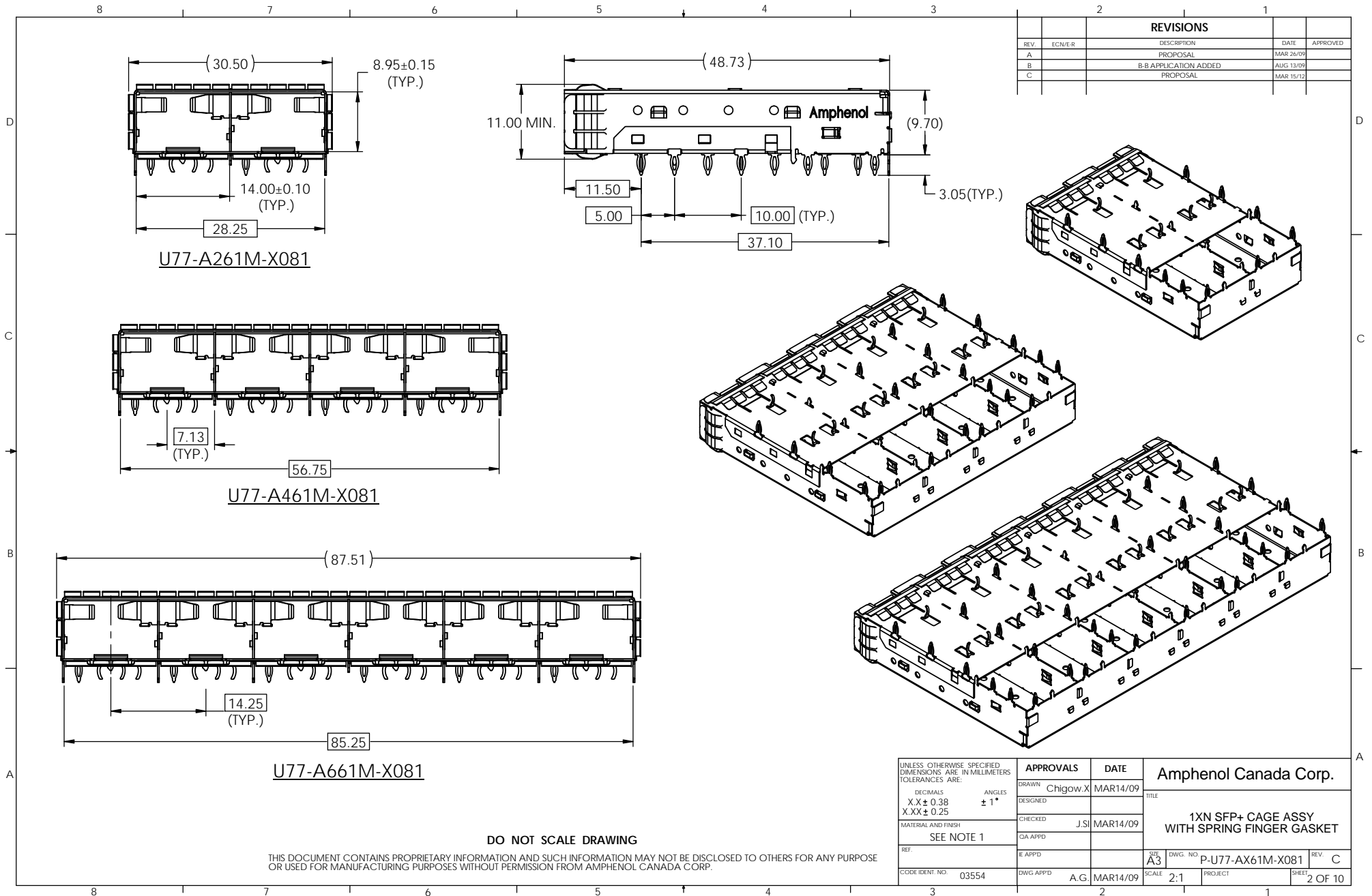
U77 - A X 6 1 M - X 0 8 1

- 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

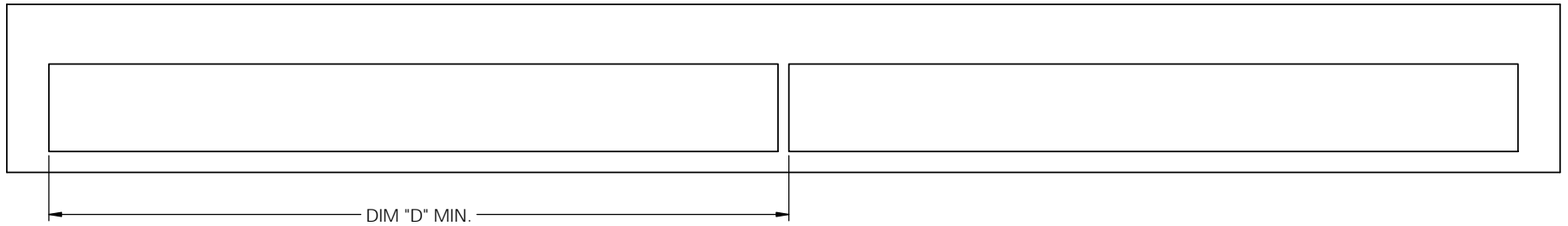
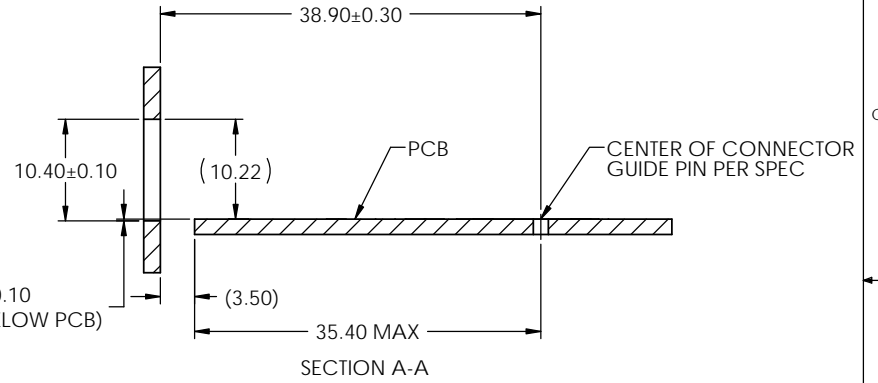
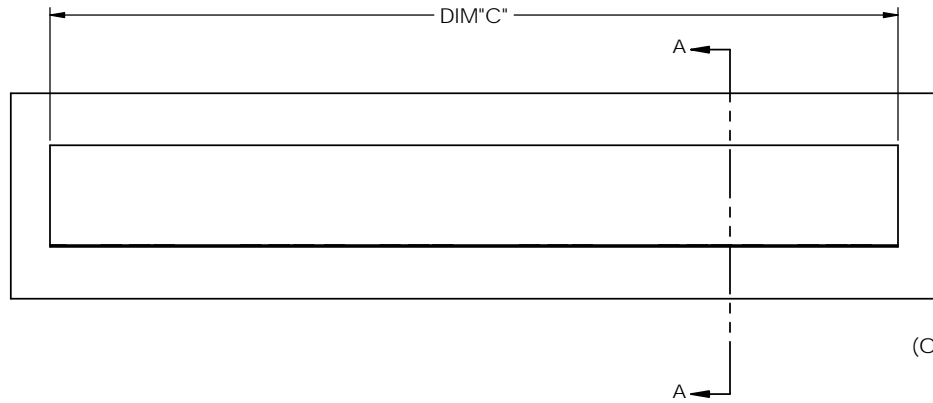
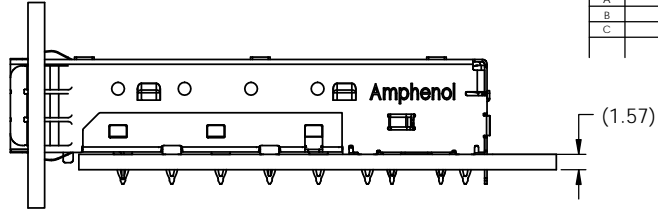
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE		Amphenol Canada Corp.	
DIGITALS	ANGLES	DRAWN	Chigow.X	MAR14/09		TITLE	
X.X ± 0.38	± 1°	DESIGNED				1XN SFP+ CAGE ASSY WITH SPRING FINGER GASKET	
X.XX ± 0.25		CHECKED	J.SJ	MAR14/09			
MATERIAL AND FINISH		QA APPD					
SEE NOTE 1		E APPD		SIZE	DWG. NO.	REV	
REF.				A3	P-U77-AX61M-X081	C	
CODE IDENT. NO.	03554	DWG APPD	A.G.	SCALE	PROJECT	SHEET	1 OF 10
				2:1			



PART NUMBER	DIM "C"	DIM "D"
U77-A261M-X081	29.70	31.00
U77-A461M-X081	58.20	59.50
U77-A661M-X081	86.70	88.00

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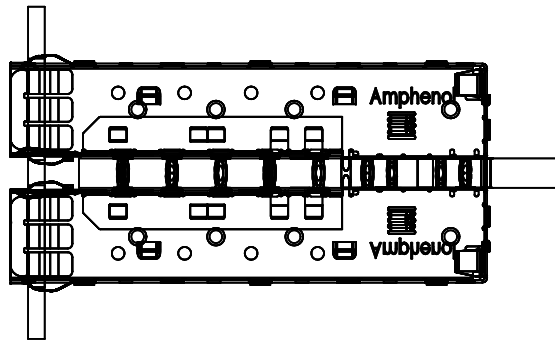
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DECIMALS	ANGLES	DRAWN	Chigow.X	MAR14/09	TITLE	
X.X ± 0.38	± 1°	DESIGNED			1XN SFP+ CAGE ASSY WITH SPRING FINGER GASKET	
X.XX ± 0.25		CHECKED	J.SJ	MAR14/09		
MATERIAL AND FINISH		QA APPD				
SEE NOTE 1		E APPD			SIZE	REV
REF.		DWG APPD	A.G.	MAR14/09	A3	C
CODE IDENT NO.	03554	SCALE	2:1	PROJECT	P-U77-AX61M-X081	SHEET
						3 OF 10

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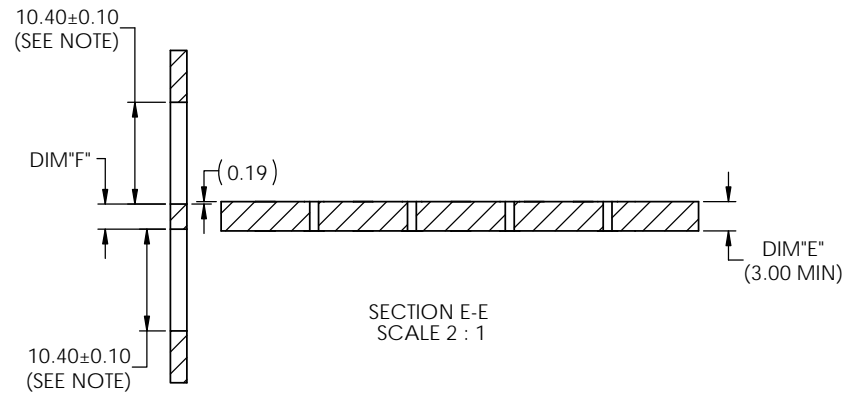
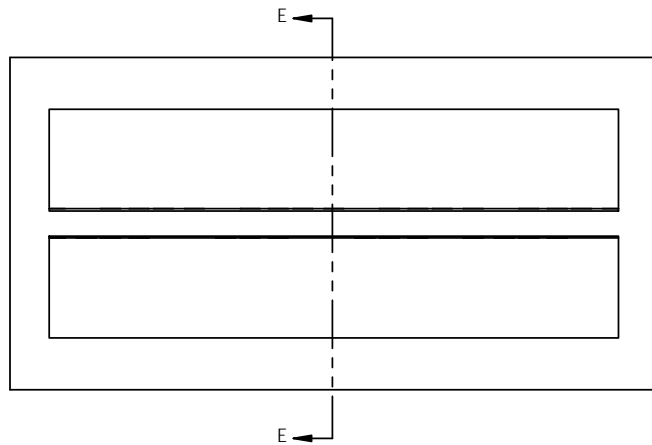
REVISIONS

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C		PROPOSAL	MAR 15/12	



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 ACCOMODATE PCB TOLERANCE.



SECTION E-E
SCALE 2 : 1

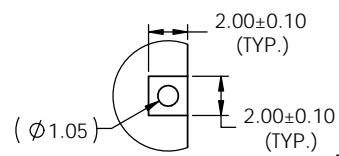
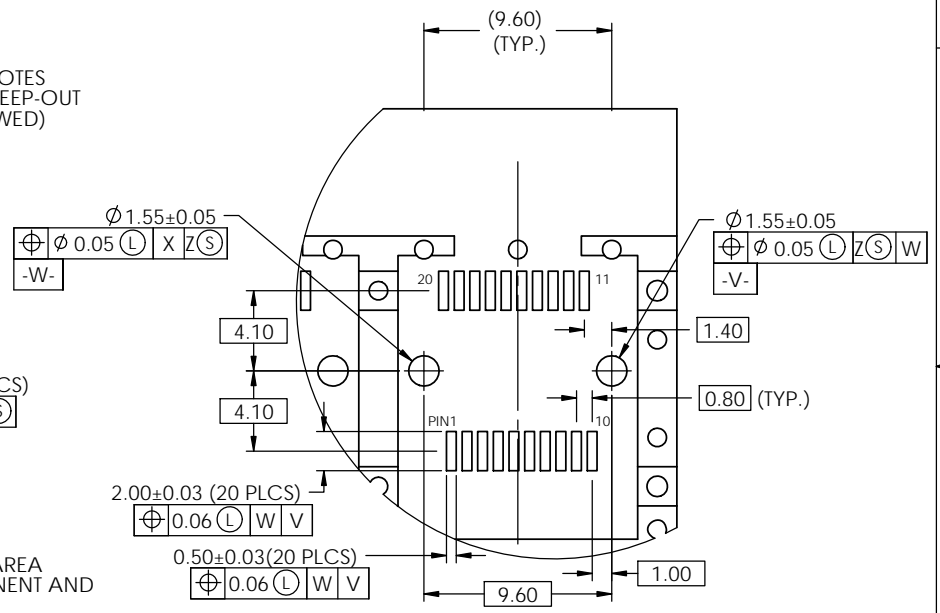
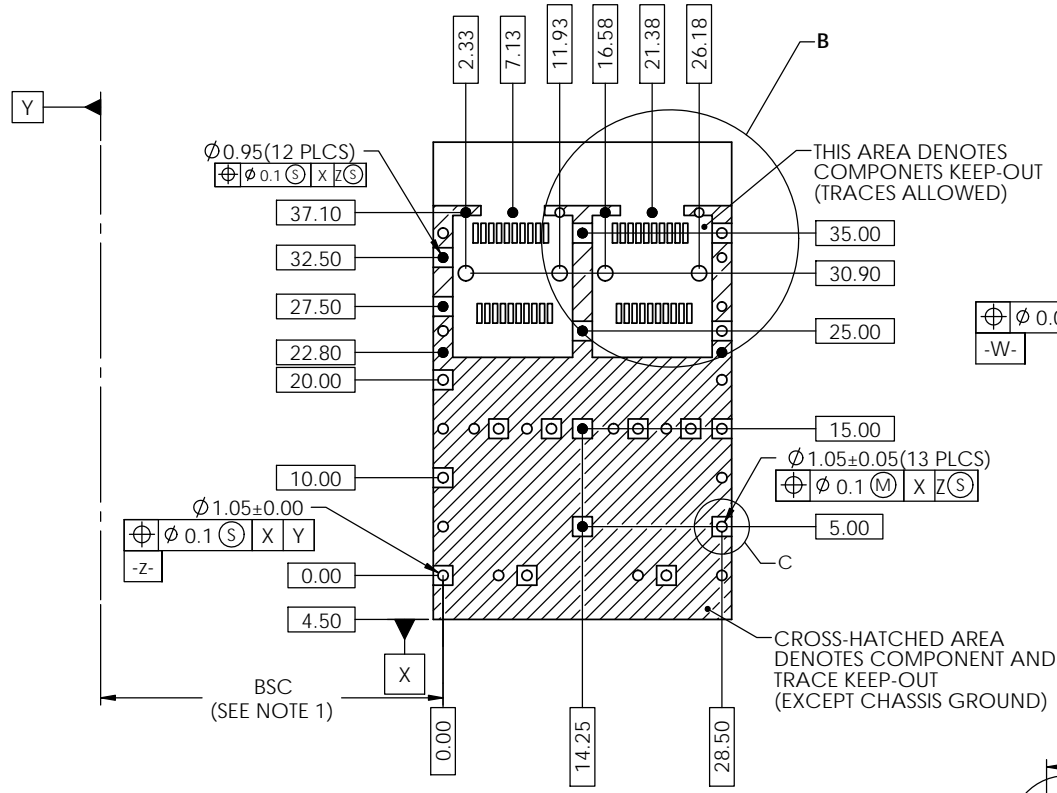
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<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:</small> DECIMALS: X.X ± 0.38 X.XX ± 0.25 ANGLES: ± 1° MATERIAL AND FINISH: SEE NOTE 1 REF: CODE IDENT NO: 03554	APPROVALS	DATE	Amphenol Canada Corp.		
	DRAWN Chigow.X	MAR14/09	TITLE		
	DESIGNED		1XN SFP+ CAGE ASSY WITH SPRING FINGER GASKET		
	CHECKED J.SJ	MAR14/09	SIZE A3	DWG. NO. P-U77-AX61M-X081	REV. C
	CA APPD		SCALE 1:1	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				
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B		B-B APPLICATION ADDED	AUG 13/09	
C		PROPOSAL	MAR 15/12	



**RECOMMENDED PCB DESIGN
 FOR SINGLE SIDE MOUNTING
 (P/N U77-A261M-X081)**

DO NOT SCALE DRAWING

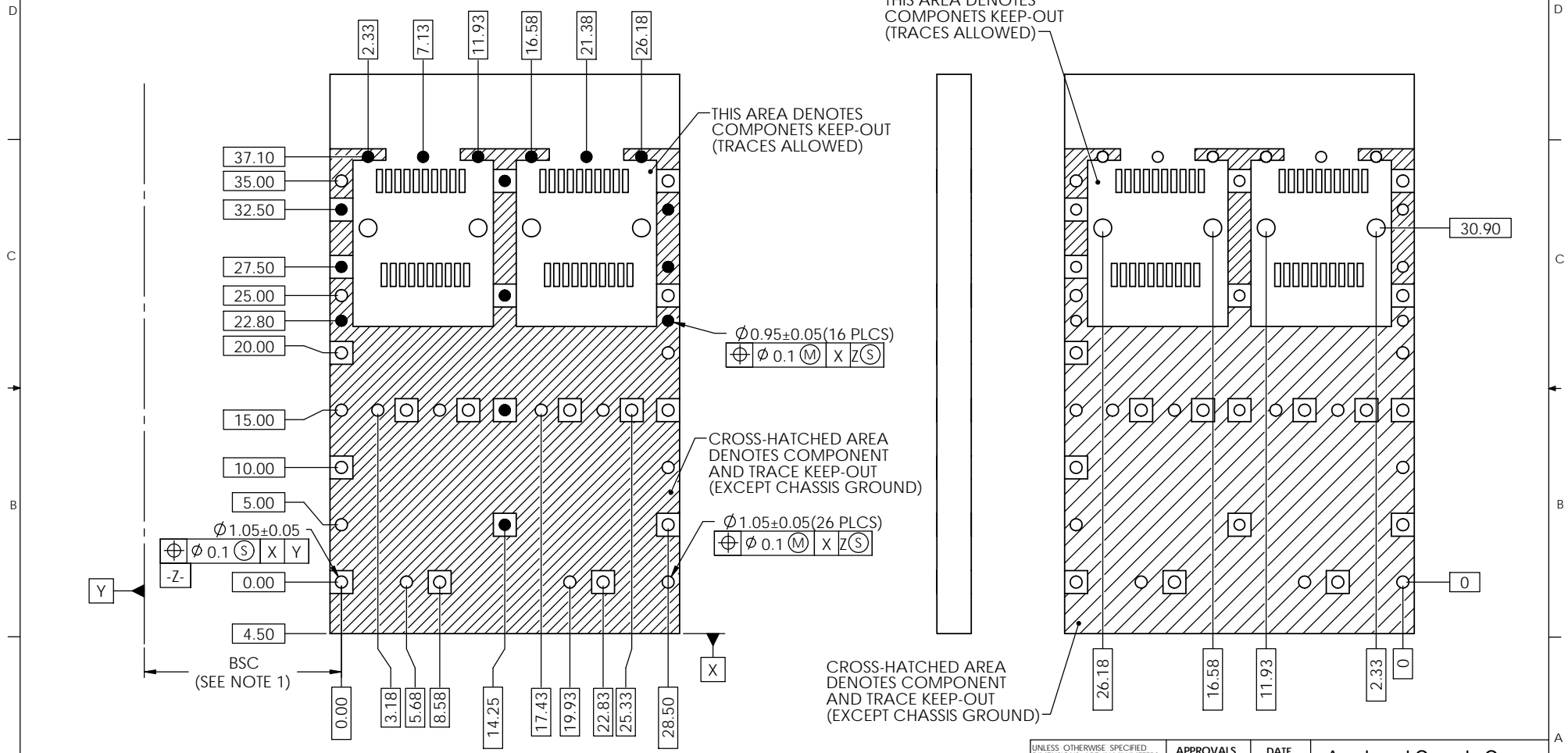
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DRAWN Chigow.X		DESIGNED		MAR14/09		TITLE	
CHECKED J.SJ		QA APPD		MAR14/09		1XN SFP+ CAGE ASSY WITH SPRING FINGER GASKET	
SEE NOTE 1		E APPD				SIZE A3	
REF		DWG APPD		SCALE 2:1		DWG. NO. P-U77-AX61M-X081	
CODE IDENT NO. 03554		A.G. MAR14/09		PROJECT		REV C	
				SCALE		SHEET 5 OF 10	

NOTES:

1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
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3. THRU-HOLES, PLATING OPTIONAL.
4. SEE DRAWINGS P-UX76-A20-X00XX FOR CONNECTOR LAYOUT.

REVISIONS				
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C		PROPOSAL	MAR 15/12	



**RECOMMENDED PCB DESIGN
FOR BELLY TO BELLY MOUNTING
(P/N U77-A261M-X081)**

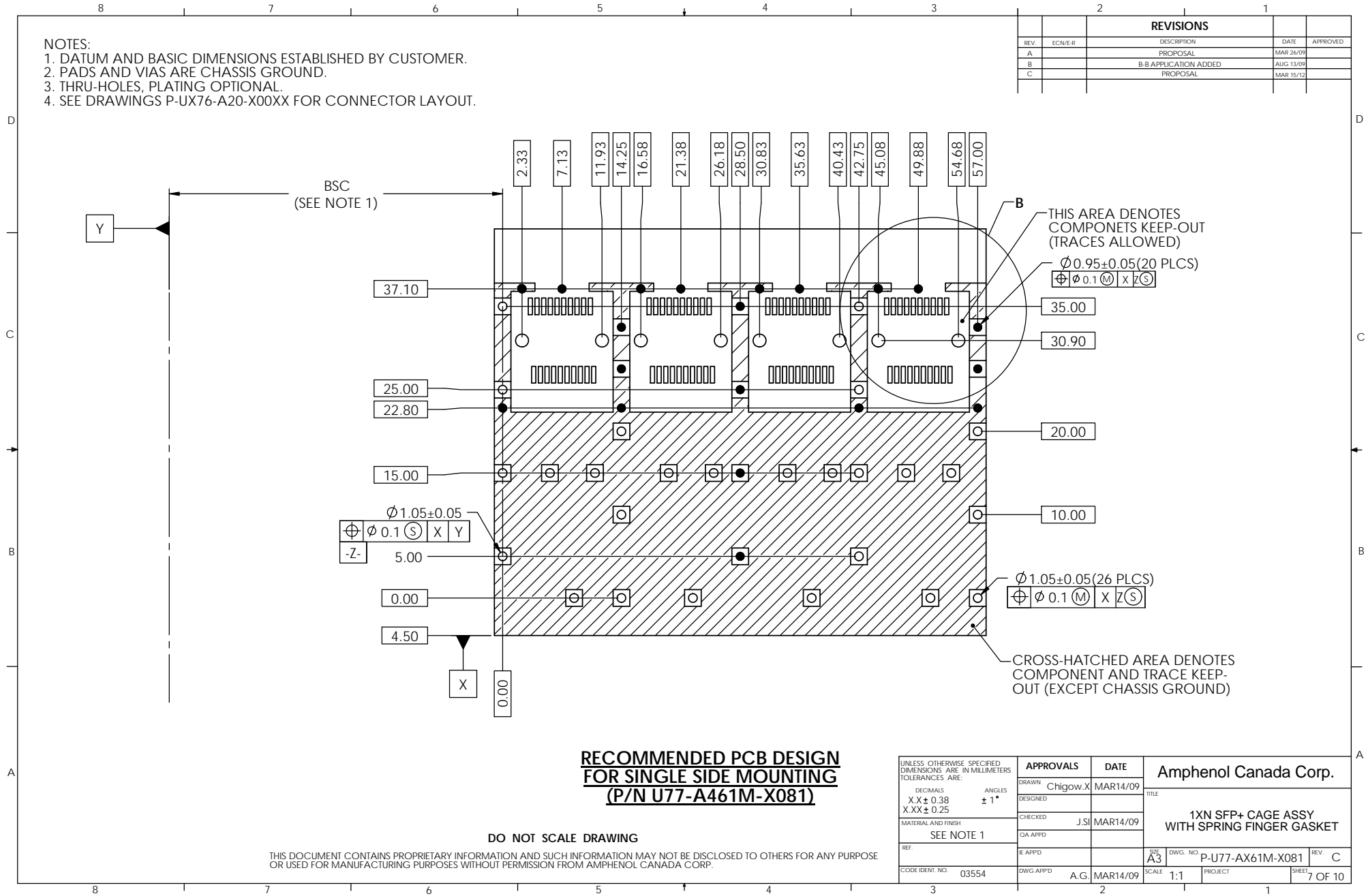
DO NOT SCALE DRAWING

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	DRAWN Chigov.X	MAR14/09	TITLE	
MATERIAL AND FINISH	CHECKED J.SJ	MAR14/09	1XN SFP+ CAGE ASSY WITH SPRING FINGER GASKET	
SEE NOTE 1	QA APPD		SIZE A3	DWG. NO. P-U77-AX61M-X081
REF.	E APPD		SCALE 3:1	PROJECT
CODE IDENT. NO. 03554	DWG APPD A.G.	MAR14/09	SHEET 6 OF 10	REV C

- NOTES:
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 4. SEE DRAWINGS P-UX76-A20-X00XX FOR CONNECTOR LAYOUT.

REVISIONS				
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C		PROPOSAL	MAR 15/12	



**RECOMMENDED PCB DESIGN
 FOR SINGLE SIDE MOUNTING
 (P/N U77-A461M-X081)**

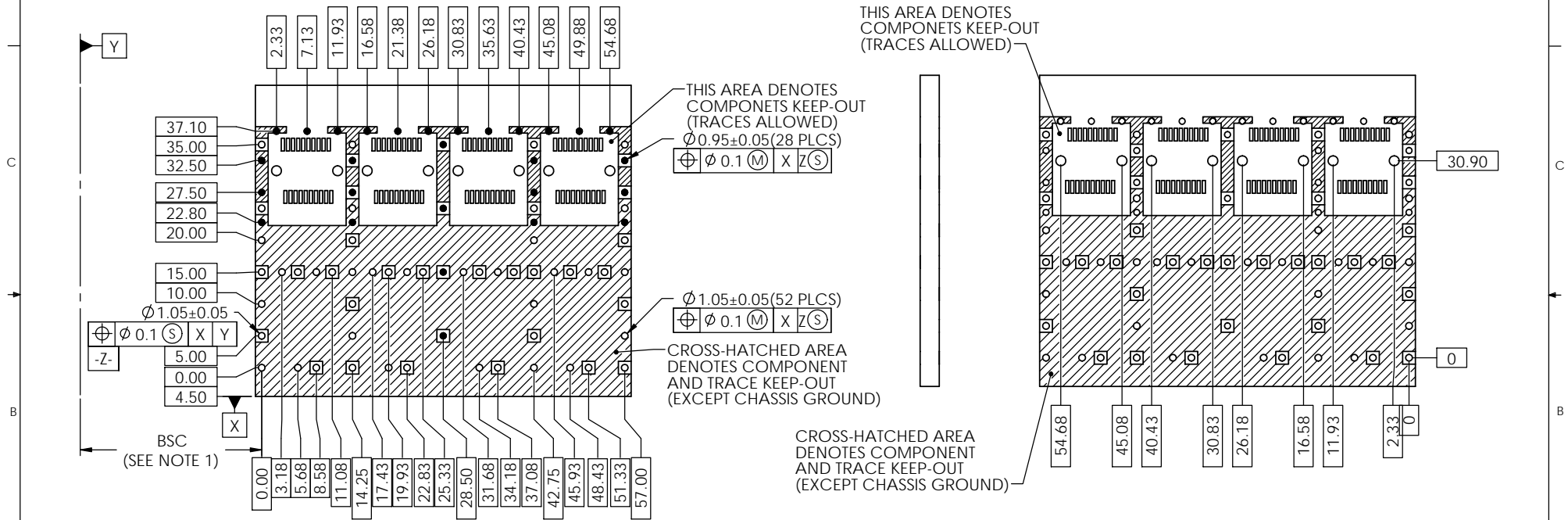
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DRAWN Chigov.X		DESIGNED		MAR14/09		TITLE	
MATERIAL AND FINISH		CHECKED J.SJ		MAR14/09		1XN SFP+ CAGE ASSY WITH SPRING FINGER GASKET	
SEE NOTE 1		QA APPD					
REF		E APPD				SIZE DWG. NO. PROJECT REV	
CODE IDENT NO. 03554		DWG APPD A.G.		MAR14/09		SCALE 1:1 P-U77-AX61M-X081 7 OF 10	

- NOTES:
 1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
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REVISIONS				
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C		PROPOSAL	MAR 15/12	



**RECOMMENDED PCB DESIGN
 FOR BELLY TO BELLY MOUNTING
 (P/N U77-A461M-X081)**

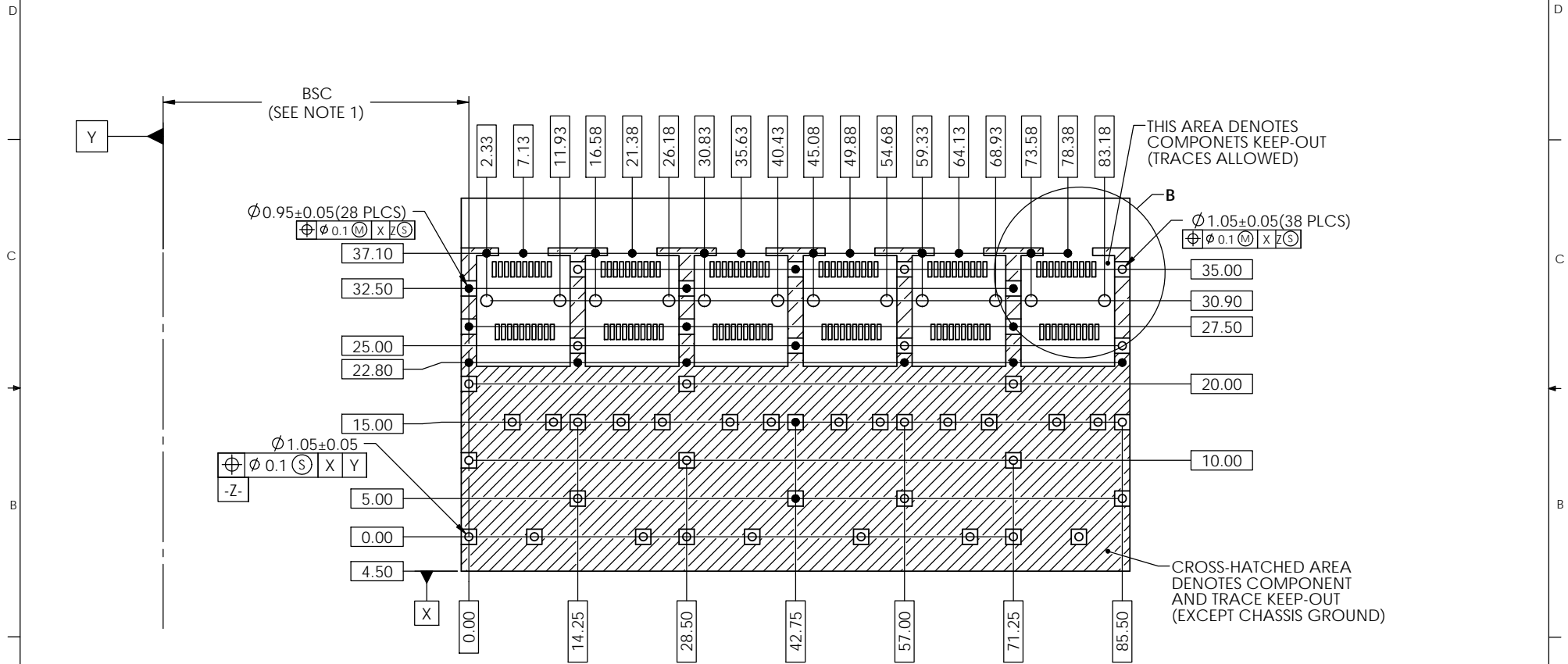
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	DRAWN Chigow.X	MAR14/09	TITLE	
	DESIGNED		1XN SFP+ CAGE ASSY WITH SPRING FINGER GASKET	
	CHECKED J.SJ	MAR14/09		
MATERIAL AND FINISH	SEE NOTE 1	QA APPD		
REF		E APPD	SIZE A3	DWG. NO. P-U77-AX61M-X081
CODE IDENT. NO. 03554	DWG APPD A.G.	MAR14/09	SCALE 2:1	PROJECT SHEET 8 OF 10

- NOTES:
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 4. SEE DRAWINGS P-UX76-A20-X00XX FOR CONNECTOR LAYOUT.

REVISIONS				
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C		PROPOSAL	MAR 15/12	



**RECOMMENDED PCB DESIGN
 FOR SINGLE SIDE MOUNTING
 (P/N U77-A661M-X081)**

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	DRAWN Chigow.X	MAR14/09	TITLE	
	DESIGNED		1XN SFP+ CAGE ASSY WITH SPRING FINGER GASKET	
	CHECKED J.SJ	MAR14/09	SIZE DWG. NO. P-U77-AX61M-X081 REV. C	
	GA APPD		SCALE 1:1	PROJECT SHEET 9 OF 10

8 7 6 5 4 3 2 1

Y

BSC (SEE NOTE 1)

Ø 0.95±0.05 (28 PLCS)

Ø 1.05±0.05 (38 PLCS)

Ø 0.1 X Z (S)

Ø 0.1 X Y (-Z)

37.10

32.50

25.00

22.80

15.00

5.00

0.00

4.50

0.00

14.25

28.50

42.75

57.00

71.25

85.50

2.33

7.13

11.93

16.58

21.38

26.18

30.83

35.63

40.43

45.08

49.88

54.68

59.33

64.13

68.93

73.58

78.38

83.18

B

35.00

30.90

27.50

20.00

10.00

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

THIS AREA DENOTES COMPONENTS KEEP-OUT (TRACES ALLOWED)

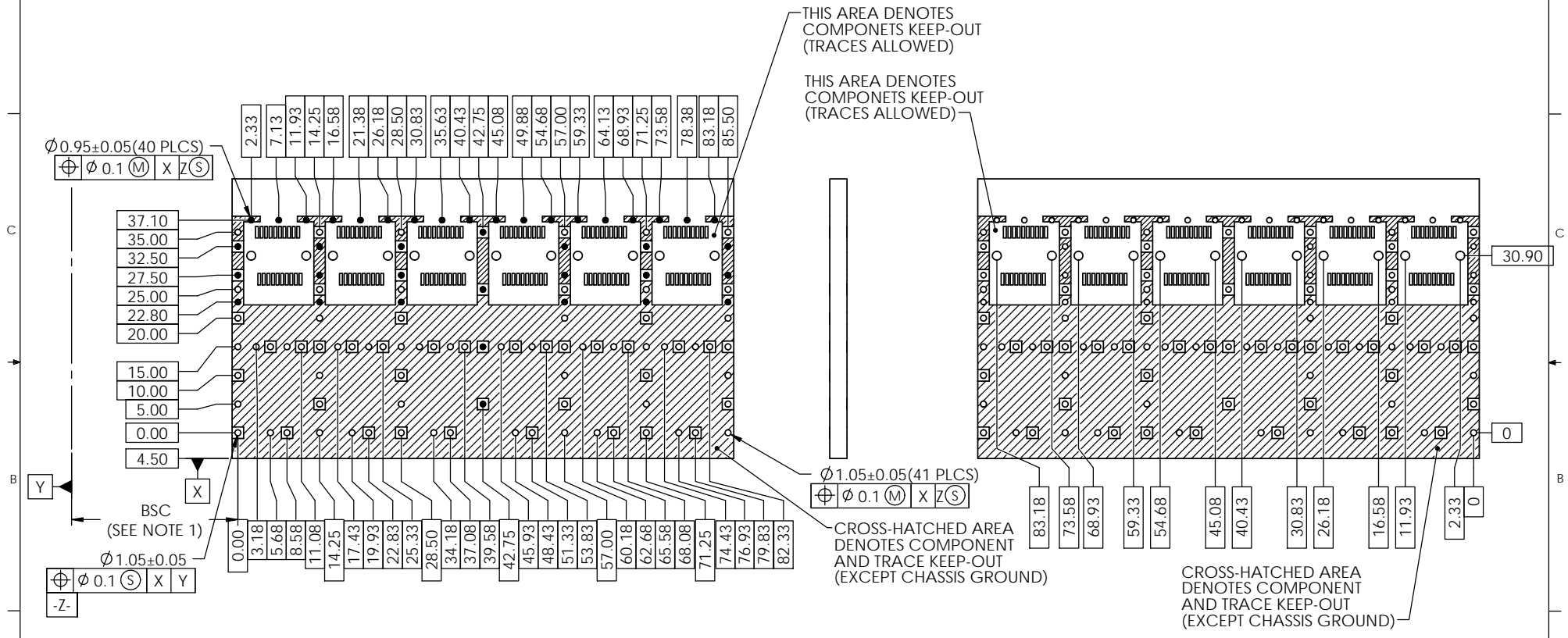
A

8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1

REVISIONS				
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 3. THRU-HOLES, PLATING OPTIONAL.
 4. SEE DRAWINGS P-UX76-A20-X00XX FOR CONNECTOR LAYOUT.



**RECOMMENDED PCB DESIGN
 FOR BELLY TO BELLY MOUNTING
 (P/N U77-A661M-X081)**

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	DRAWN: Chigow.X	MAR14/09	
	DESIGNED:		
	CHECKED: J.SJ	MAR14/09	
REF:	GA APPD:		<small>SIZE</small> A3 <small>DWG. NO.</small> P-U77-AX61M-X081 <small>SCALE</small> 3:2 <small>PROJECT</small> <small>SHEET</small> 10 OF 10
<small>CODE IDENT NO.</small> 03554	<small>DWG APPD.</small> A.G.	MAR14/09	

8 7 6 5 4 3 2 1

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

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

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