

REVISIONS				
REV.	ECN/E-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR25/09	
B		UPDATED	APR21/09	
C		B-B APPLICATIONS ADDED	MAY25/09	



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

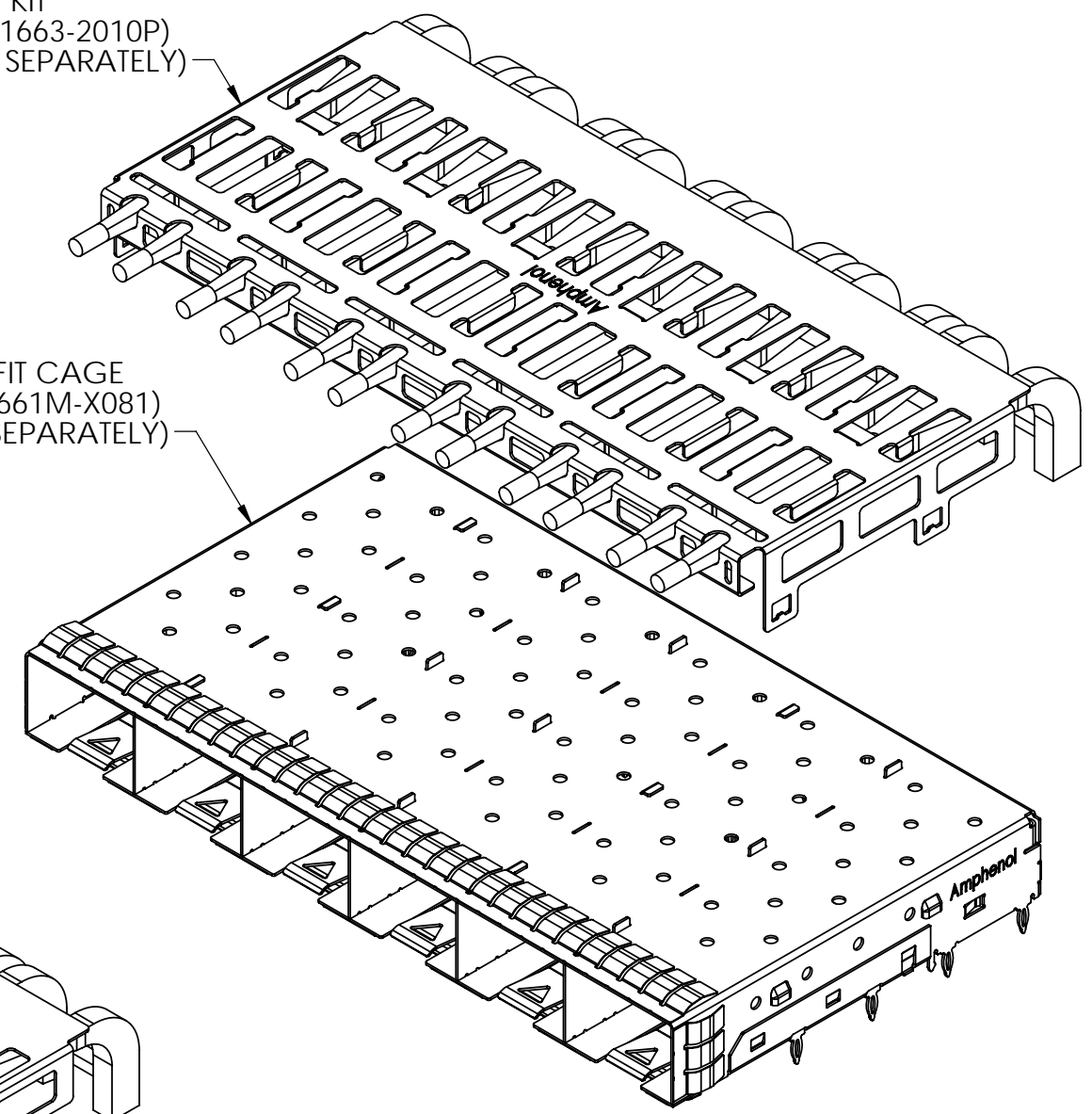
TEMPERATURE RANGE:  
-40C TO +85C

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

SFP+PRESS FIT CAGE  
(P/N U77-A661M-X081)  
(IF ORDER SEPARATELY)

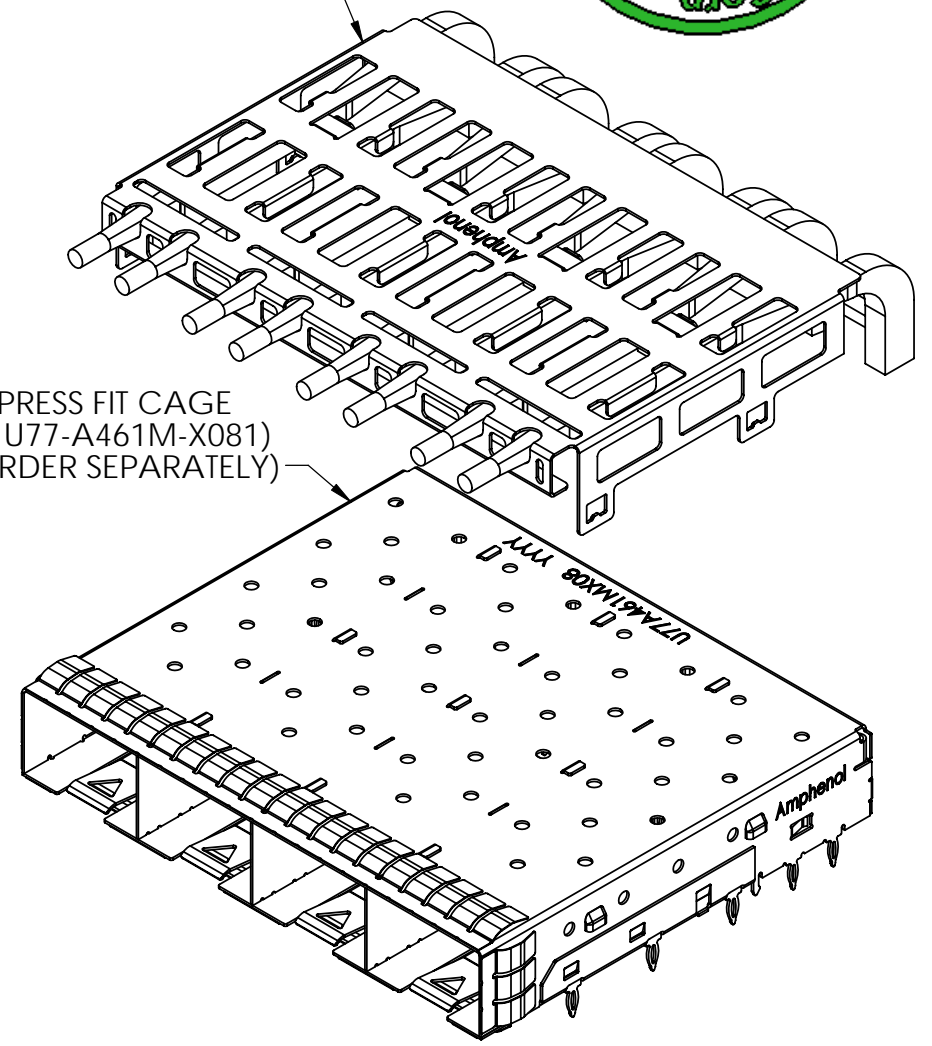
LIGHT PIPE KIT  
(P/N: U77-1263-2010P)  
(IF ORDER SEPARATELY)

SFP+PRESS FIT CAGE  
(P/N U77-A261M-X081)  
(IF ORDER SEPARATELY)



LIGHT PIPE KIT  
(P/N: U77-1463-2010P)  
(IF ORDER SEPARATELY)

SFP+PRESS FIT CAGE  
(P/N U77-A461M-X081)  
(IF ORDER SEPARATELY)



**P/N: U77-C661M-X081 SHOWN**

**P/N: U77-C461M-X081 SHOWN**

**AMPHENOL PART NUMBER CONFIGURATION**

U77 - C X 6 1 M - Y 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

**P/N: U77-C261M-X081 SHOWN**

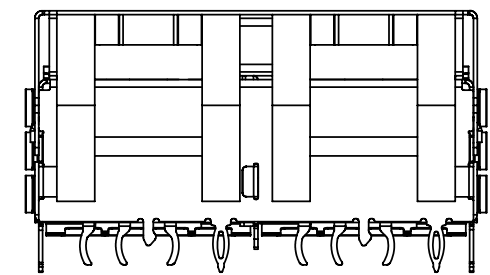
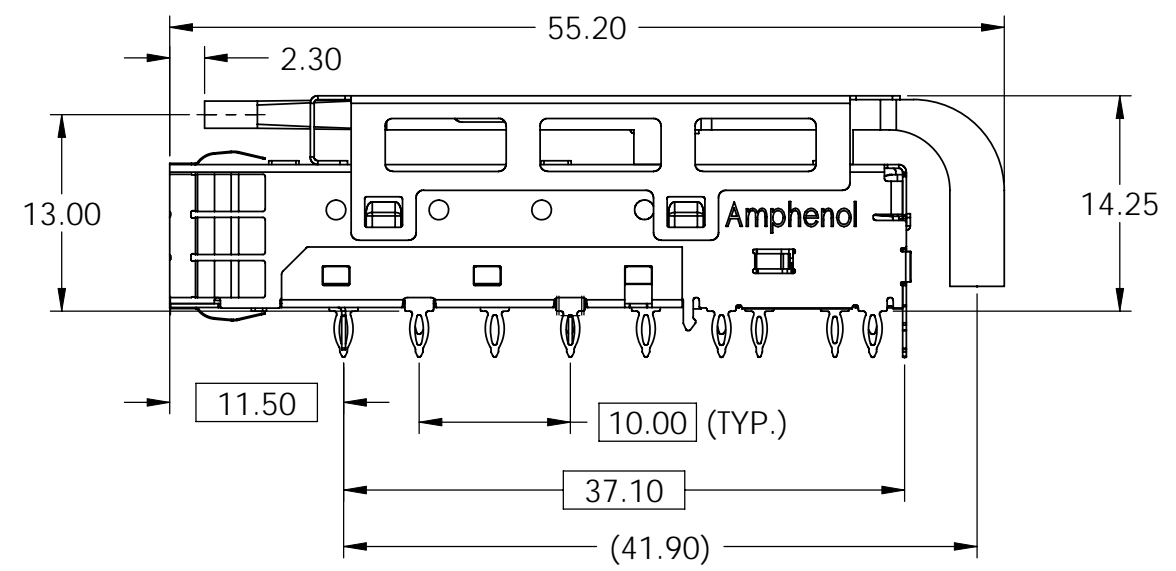
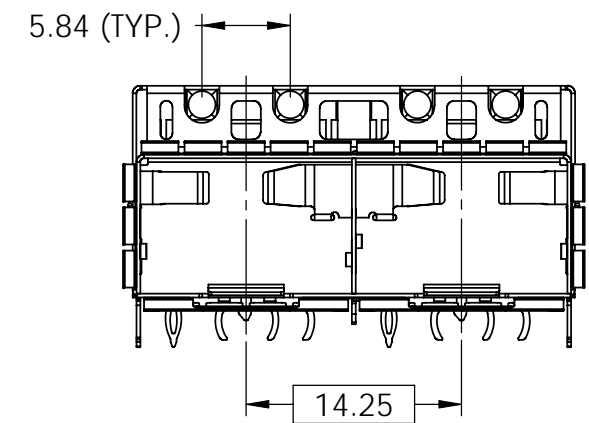
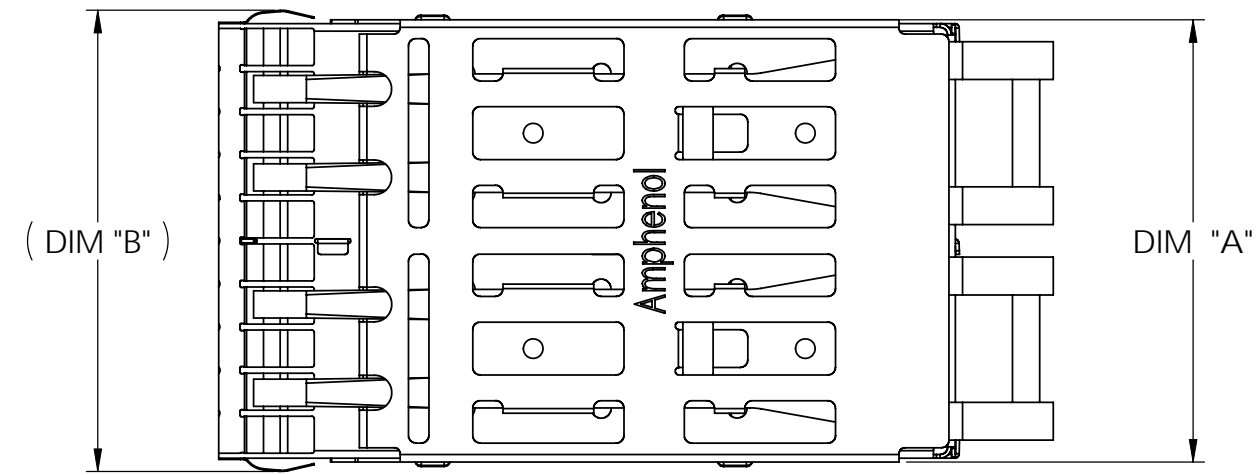
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DECIMALS X.X ± 0.38 X.XX ± 0.25	ANGLES ± 1°	DRAWN Jane.Z	MAR13/09	TITLE		
MATERIAL AND FINISH SEE NOTE 1		CHECKED J.SI	MAR25/09	1XN SFP+ CAGE SPRINGFINGER EMI, WITH LIGHT PIPE		
REF.	IE APPD	QA APPD		SIZE A3	DWG. NO. P-U77-CX61M-X081	REV. C
CODE IDENT. NO. 03554	DWG APPD A.G	MAR25/09	SCALE 3:2	PROJECT	SHEET 1 OF 11	

PART NUMBER	DIM"A"	DIM"B"
U77-C261M-X081	29.26	30.51
U77-C461M-X081	57.76	59.01
U77-C661M-X081	86.26	87.51

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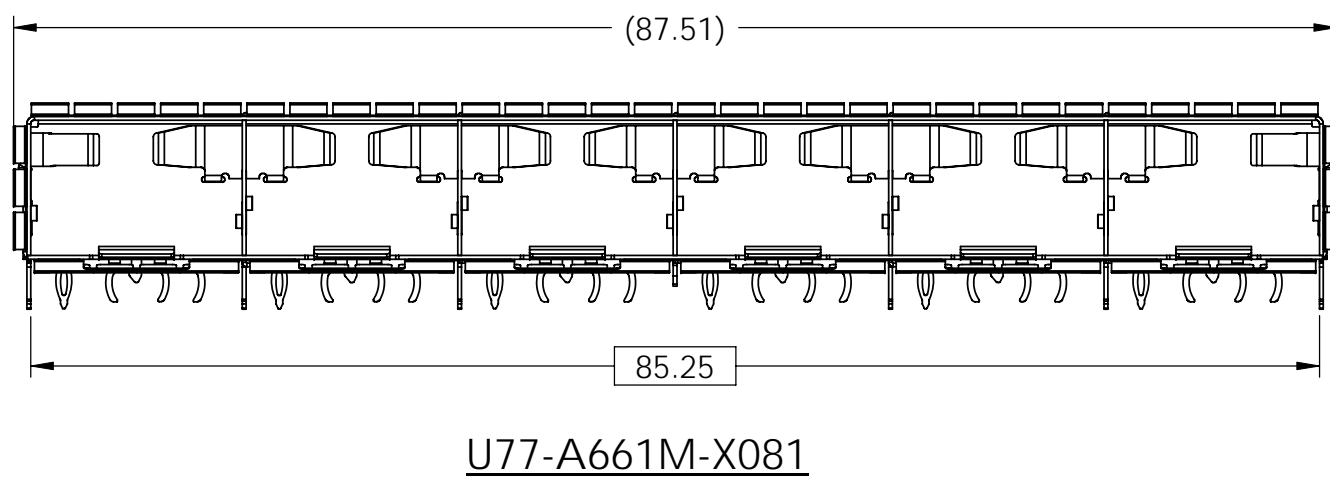
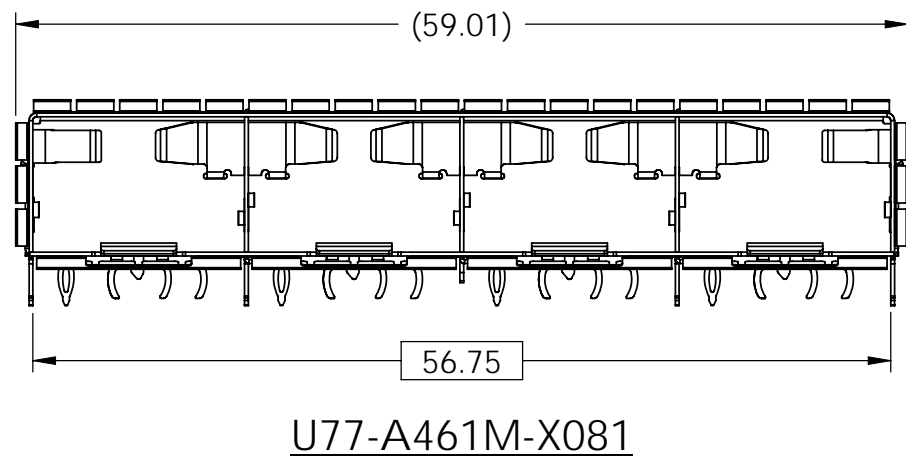
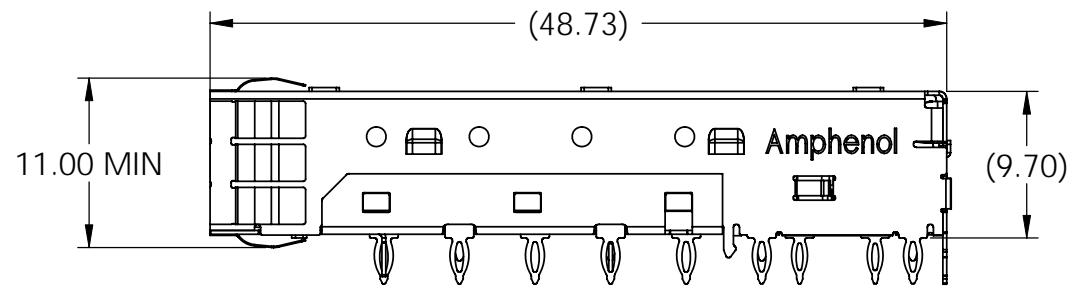
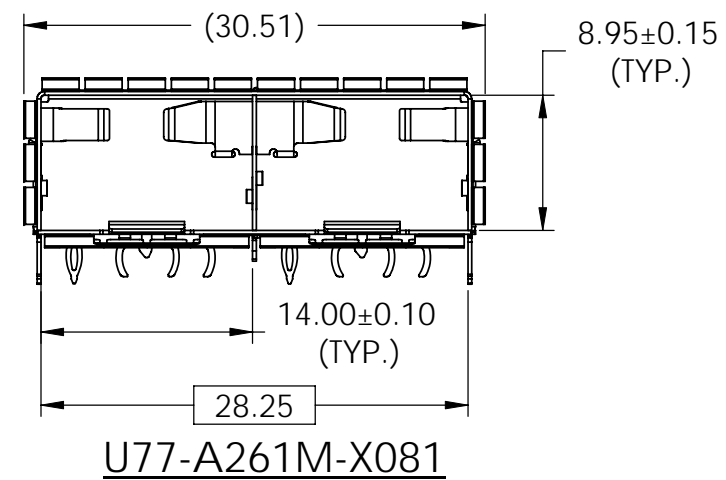
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X.X ± 0.38	± 1°	DESIGNED			<b>1XN SFP+ CAGE SPRINGFINGER EMI, WITH LIGHT PIPE</b>		
X.XX ± 0.25		CHECKED	J.SI	MAR25/09			REV.
MATERIAL AND FINISH		QA APPD				SIZE	A3
SEE NOTE 1		IE APPD				DWG. NO.	P-U77-CX61M-X081
REF.		DWG APPD		A.G	MAR25/09	SCALE	1:1
CODE IDENT. NO.	03554					PROJECT	
						SHEET	2 OF 11

8 7 6 5 4 3 2 1

REVISIONS				
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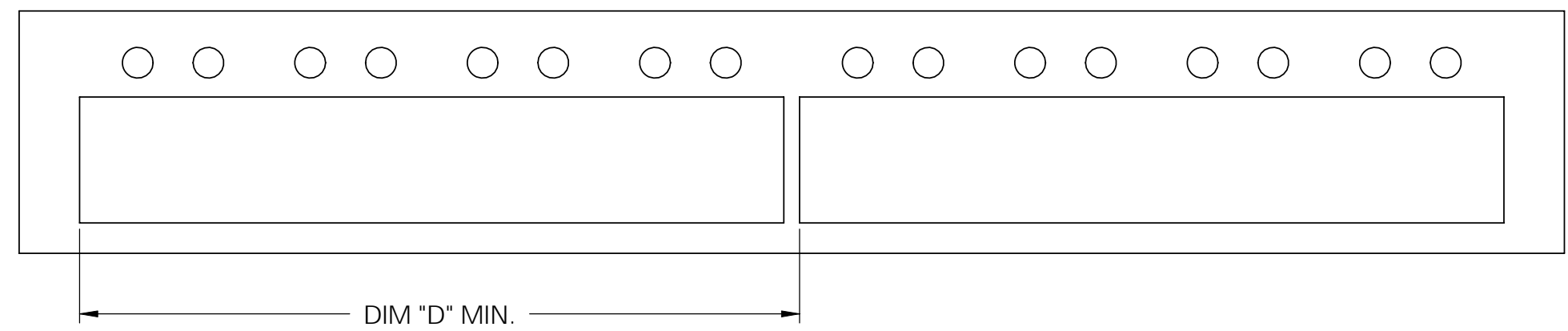
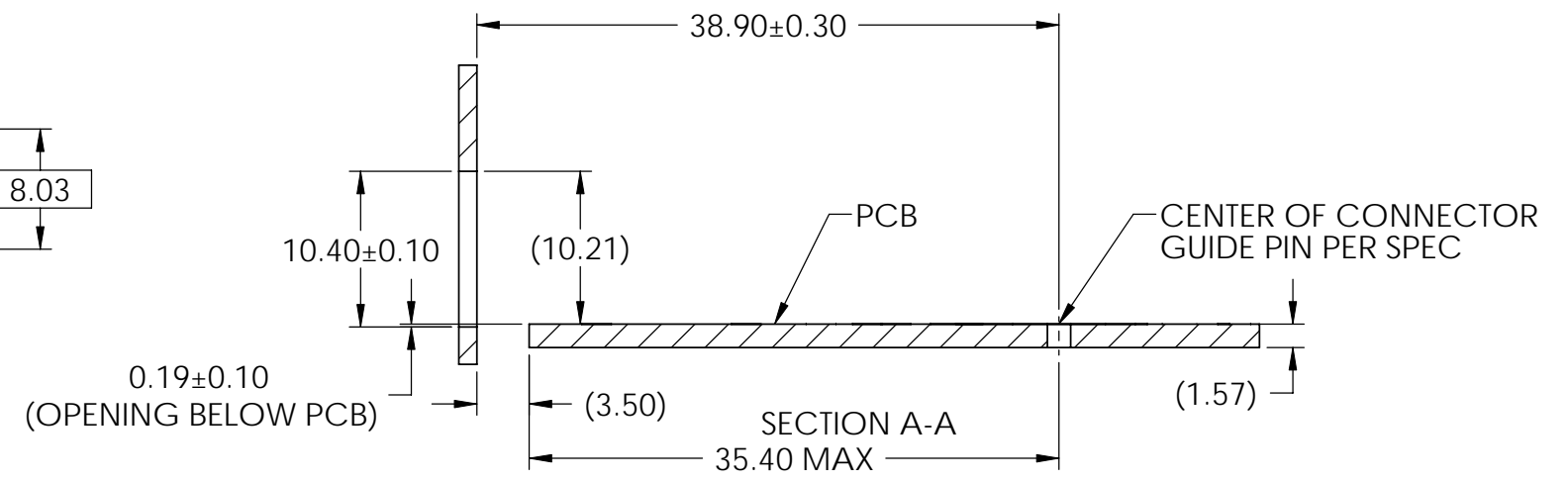
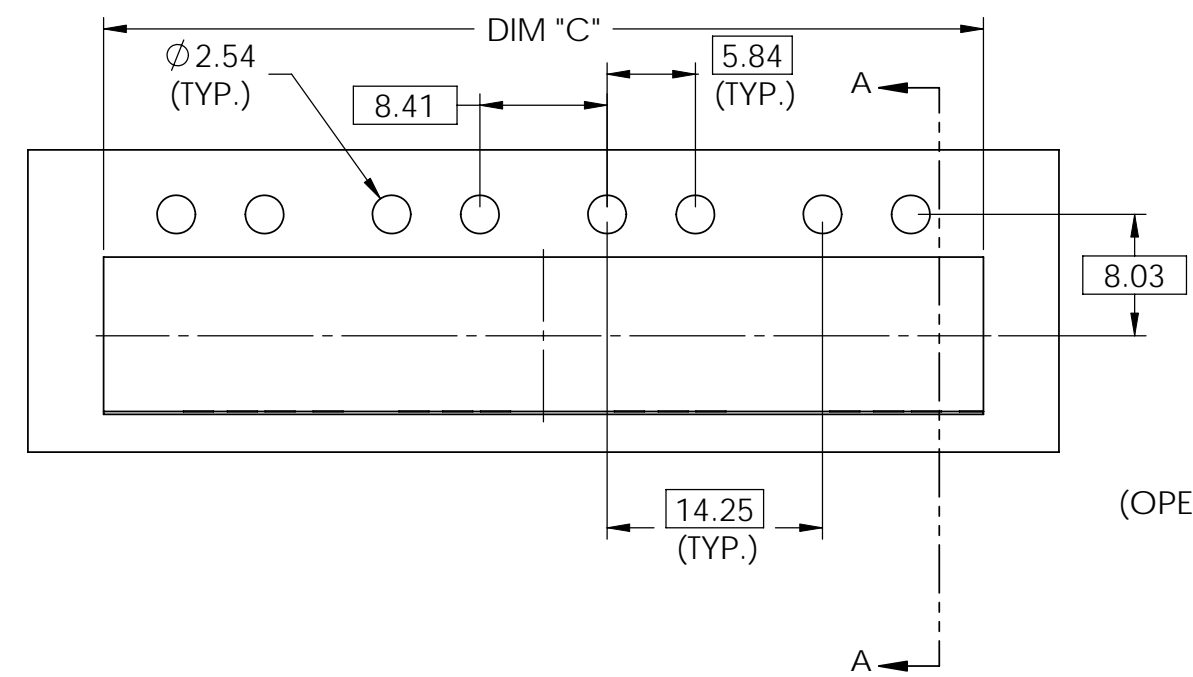
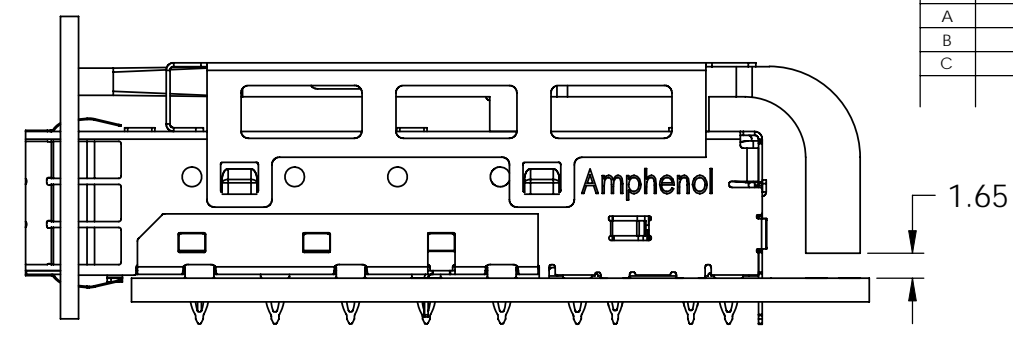
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DECIMALS	ANGLES	DRAWN	Jane.Z	MAR13/09	TITLE		
X.X ± 0.38	± 1°	DESIGNED			<b>1XN SFP+ CAGE SPRINGFINGER EMI, WITH LIGHT PIPE</b>		
X.XX ± 0.25		CHECKED	J.SI	MAR25/09			
MATERIAL AND FINISH		QA APPD				REV. C	
SEE NOTE 1		IE APPD				SIZE	DWG. NO
REF.		DWG APPD		A.G	MAR25/09	A3	P-U77-CX61M-X081
CODE IDENT. NO.	03554	SCALE		4:1	PROJECT	SHEET 3 OF 11	

8 7 6 5 4 3 2 1

PART NUMBER	DIM "C"	DIM "D"
U77-C261M-X081	29.70	31.00
U77-C461M-X081	58.20	59.50
U77-C661M-X081	86.70	88.00

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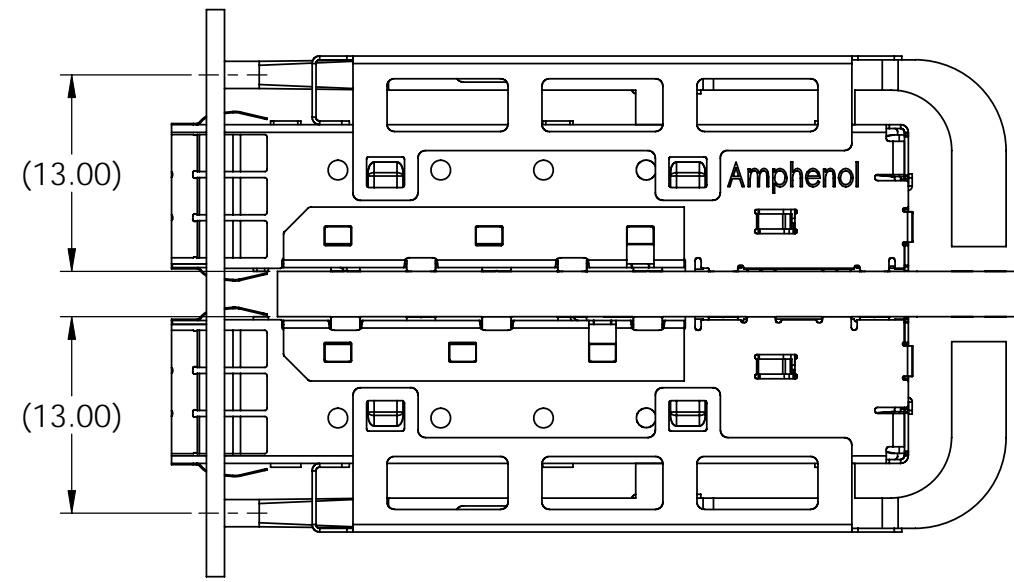


UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS X.X ± 0.38 X.XX ± 0.25 MATERIAL AND FINISH SEE NOTE 1 REF. CODE IDENT. NO. 03554	<b>APPROVALS</b>	<b>DATE</b>	<b>Amphenol Canada Corp.</b>	
	DRAWN Jane.Z	MAR13/09		
	CHECKED J.SI	MAR25/09	<b>1XN SFP+ CAGE SPRINGFINGER EMI, WITH LIGHT PIPE</b>	
	QA APPD			
	IE APPD		SIZE A3	DWG. NO. P-U77-CX61M-X081
	DWG APPD A.G	MAR25/09	SCALE 2:1	PROJECT
				SHEET 4 OF 11

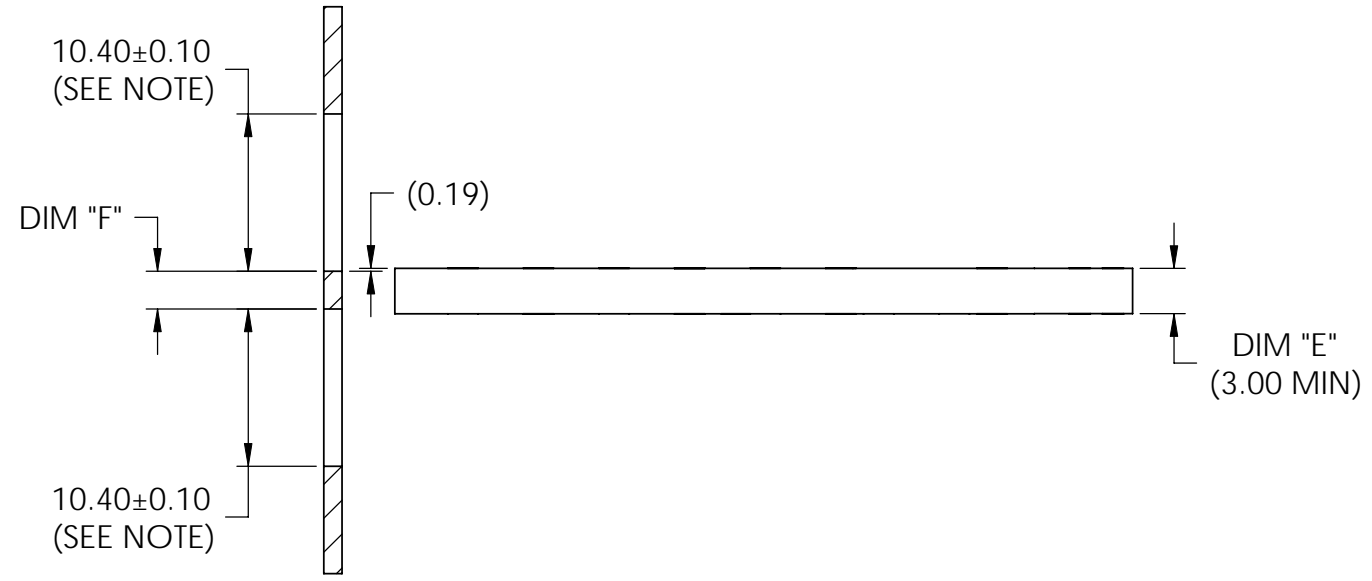
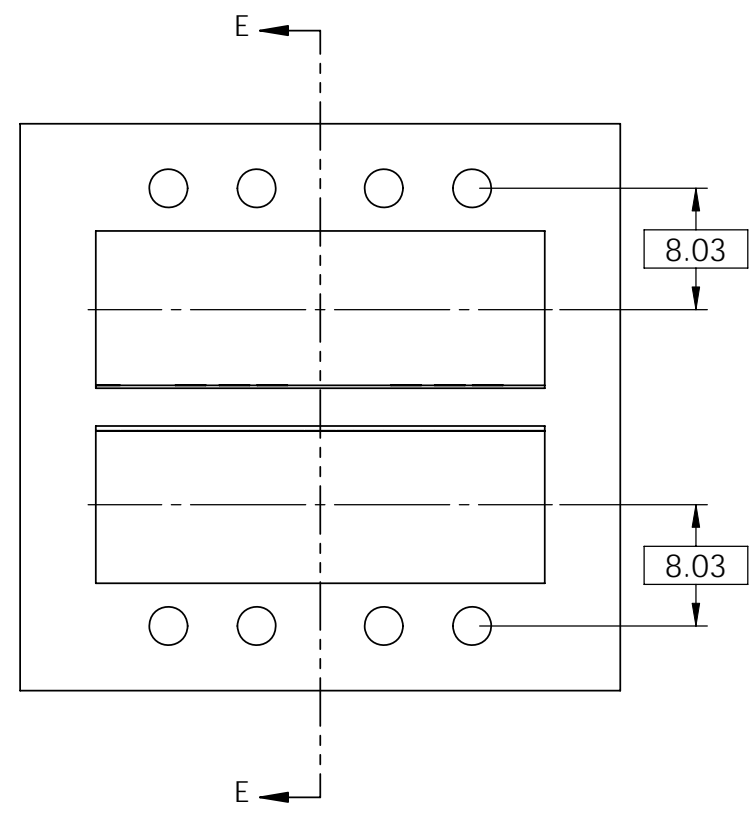
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NOTE:  
 PANEL CUTOUT SIZES PER SFF 8433 SPEC. FOR BELLY TO BELLY MOUNTING, DIM "E" (PCB THICKNESS) IS 3.0 mm MIN. DIM "F" RELATED TO DIM "E". FOR DIM "F" = DIM "E" - 0.44 mm. THE PANEL CUTOUT 10.40 mm MIGHT BE INCREASED UP TO 10.80 mm IN ORDER TO ACCOMMODATE PCB TOLERANCE.



SECTION E-E

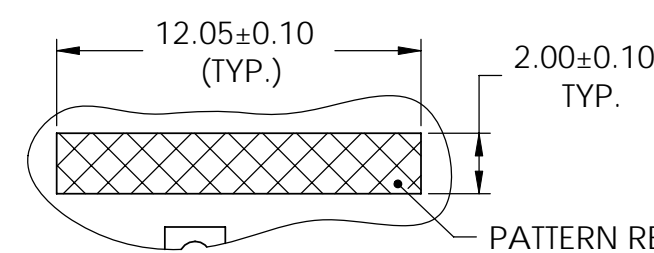
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X.XX ± 0.25		CHECKED	J.SI	MAR25/09	SIZE	REV. C
MATERIAL AND FINISH		QA APPD			DWG. NO.	P-U77-CX61M-X081
SEE NOTE 1		IE APPD			SCALE	2:1
REF.		DWG APPD	A.G	MAR25/09	PROJECT	
CODE IDENT. NO.	03554				SHEET	5 OF 11

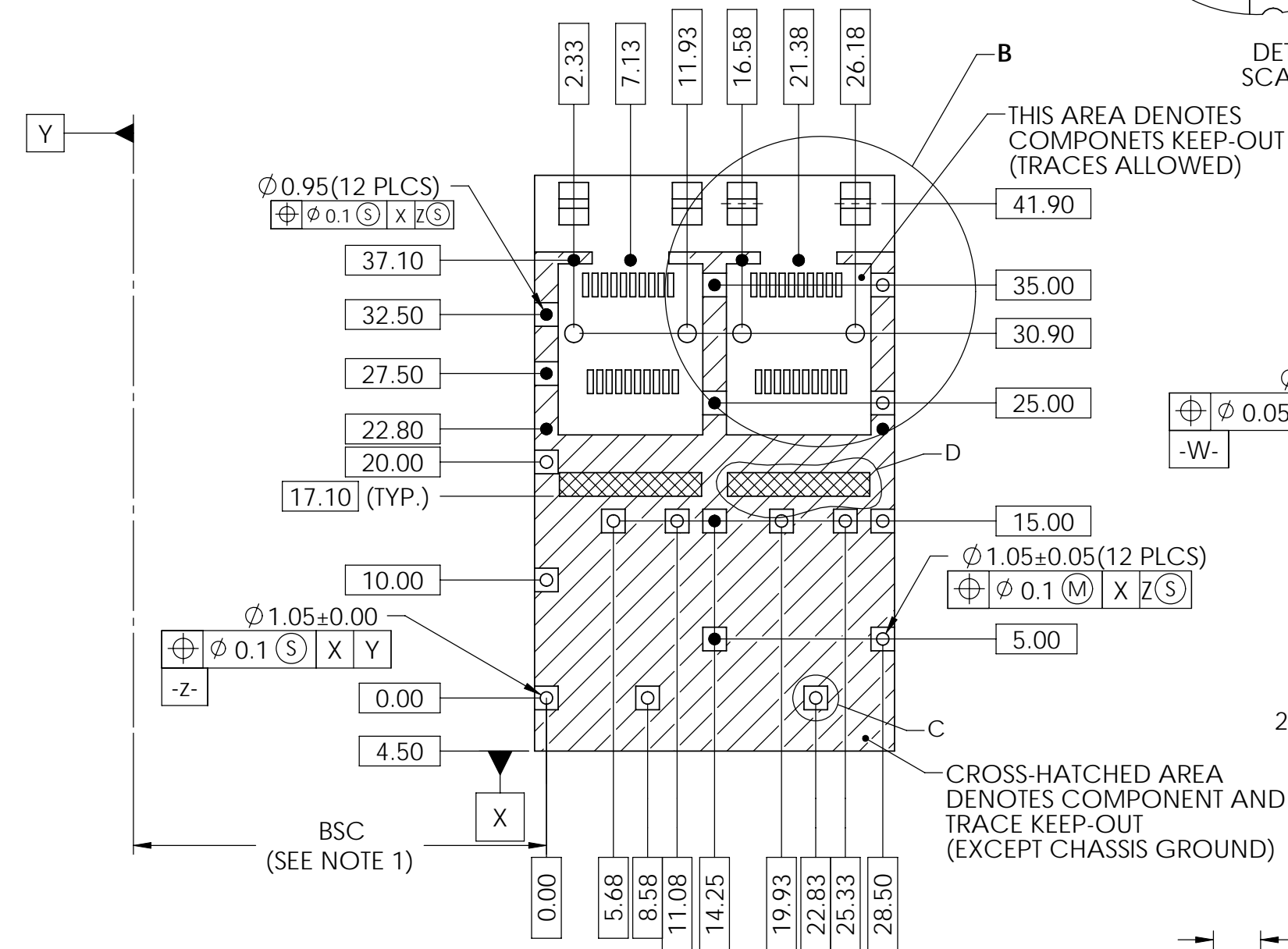
- NOTES:  
 1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.  
 2. PADS AND VIAS ARE CHASSIS GROUND.  
 3. THRU-HOLES, PLATING OPTIONAL.  
 4. SEE DRAWINGS P-UX76-A20-X00XX FOR CONNECTOR LAYOUT.

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

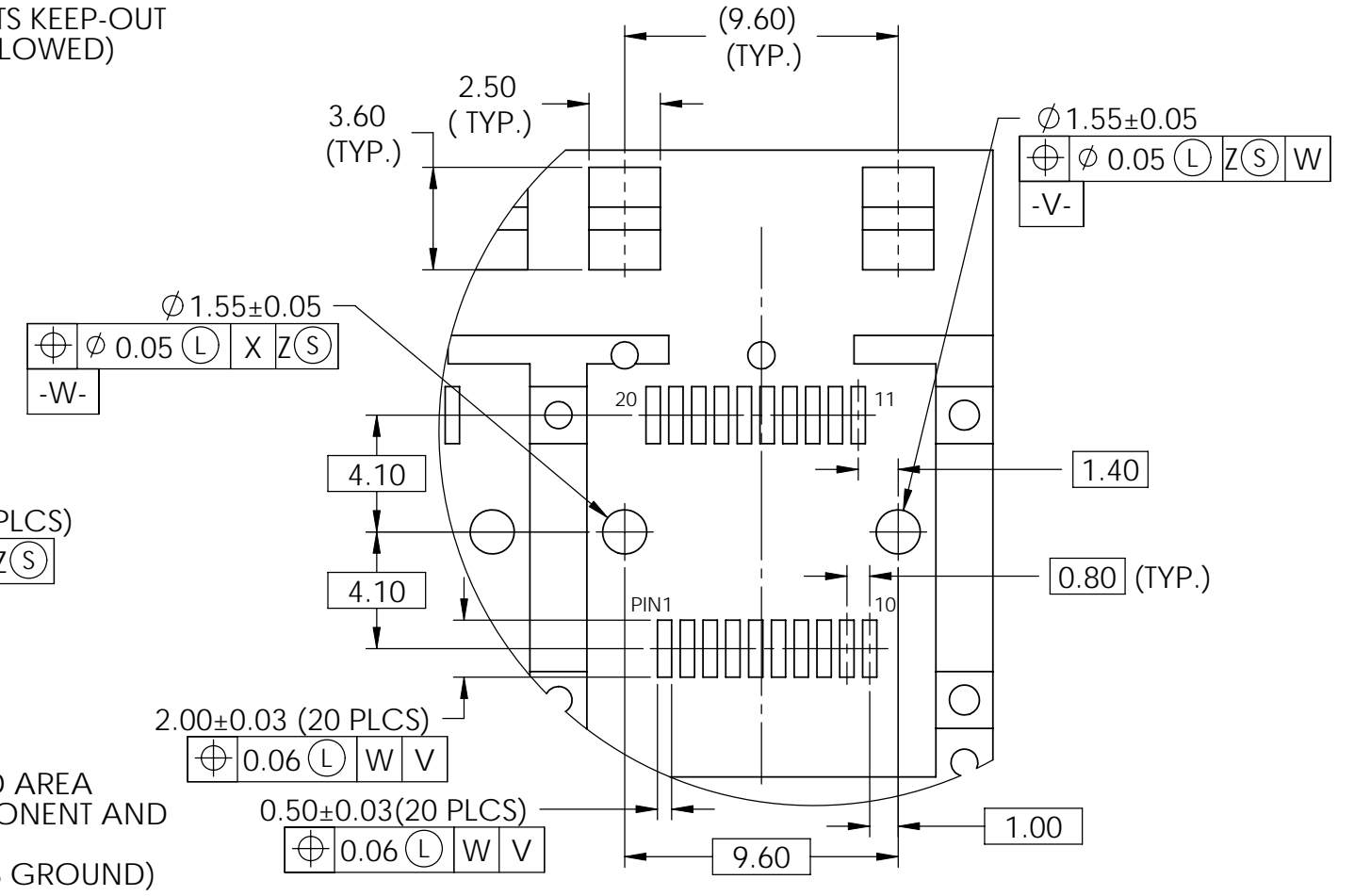
DETAIL D  
 SCALE 4 : 1



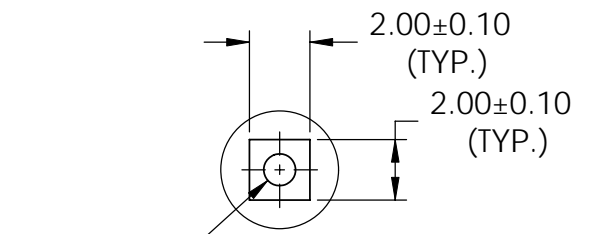
THIS AREA DENOTES  
 COMPONENTS KEEP-OUT  
 (TRACES ALLOWED)

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)**

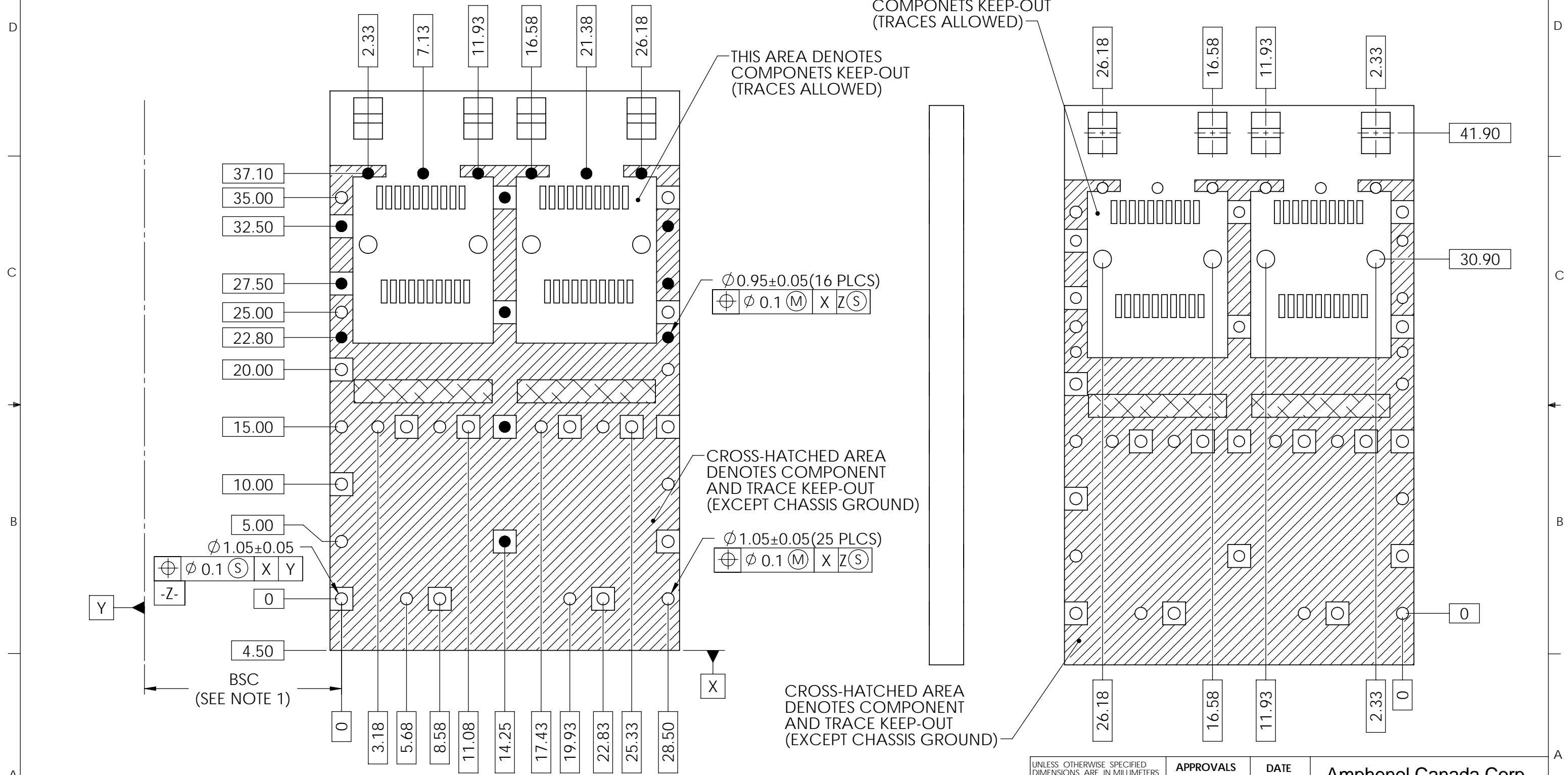
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	DRAWN Jane.Z	MAR13/09		
MATERIAL AND FINISH SEE NOTE 1	DESIGNED		1XN SFP+ CAGE SPRINGFINGER EMI, WITH LIGHT PIPE	
	CHECKED J.SI	MAR25/09		
REF.	QA APPD		SIZE A3	DWG. NO. P-U77-CX61M-X081
CODE IDENT. NO. 03554	IE APPD		SCALE 2:1	PROJECT
	DWG APPD A.G	MAR25/09	SHEET 6 OF 11	REV. C

- 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.

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

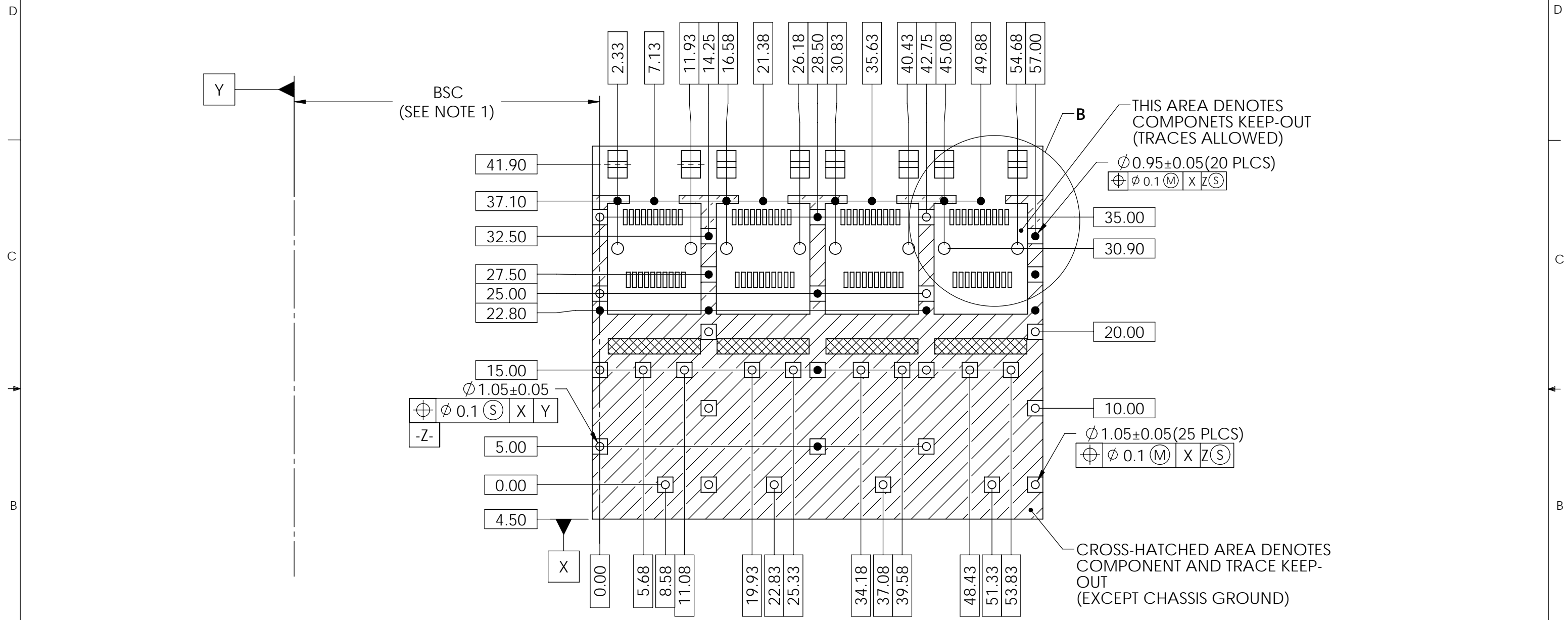
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MATERIAL AND FINISH SEE NOTE 1		DRAWN Jane.Z DESIGNED CHECKED J.SI QA APPD	MAR13/09  MAR25/09	
REF.	CODE IDENT. NO. 03554	IE APPD DWG APPD A.G	MAR25/09	SIZE A3 DWG. NO. P-U77-CX61M-X081 SCALE 3:1 PROJECT SHEET 7 OF 11

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

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

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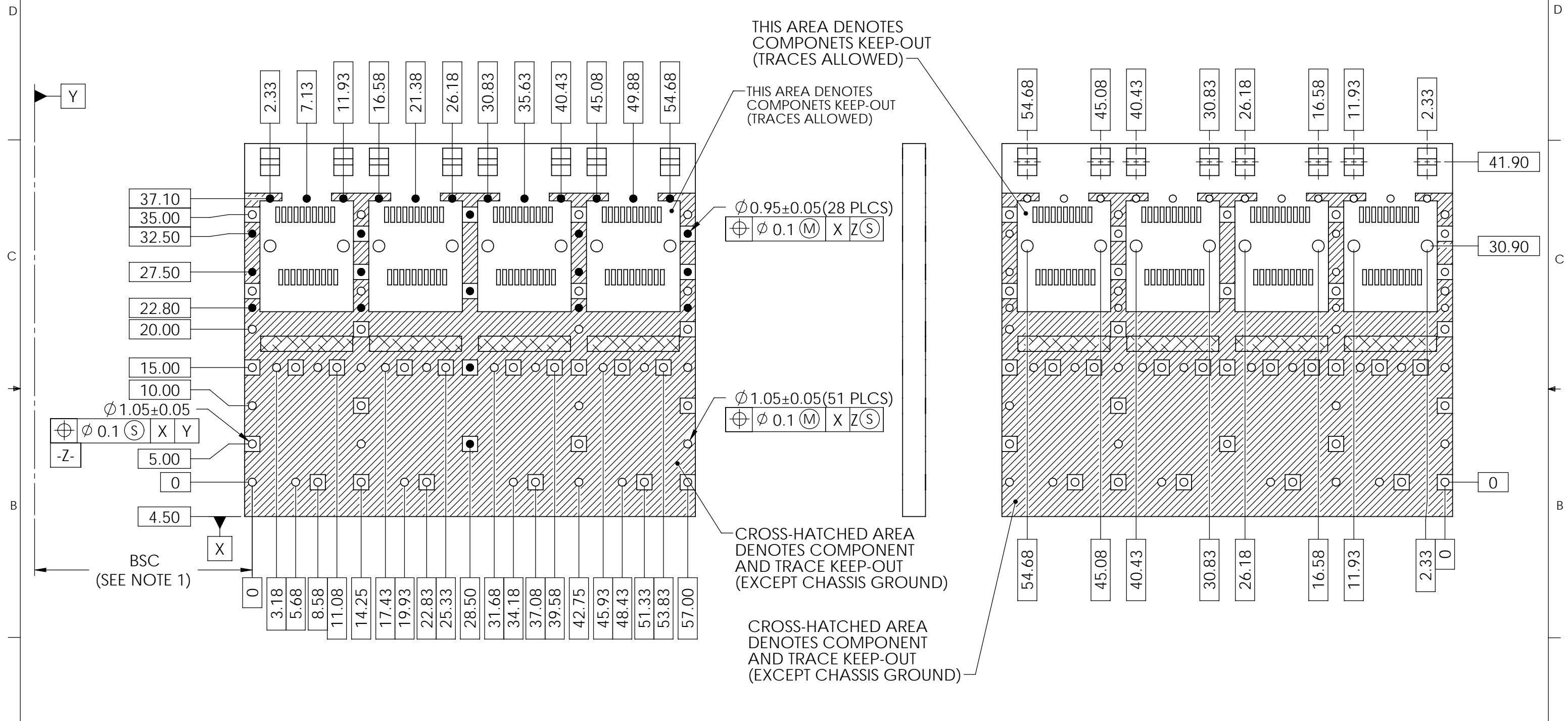
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	DRAWN    Jane.Z	MAR13/09	
	DESIGNED		
	CHECKED    J.SI	MAR25/09	
	QA APPD		
	IE APPD		
	DWG APPD    A.G	MAR25/09	SCALE 1:1    PROJECT    SHEET 8 OF 11



- 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**

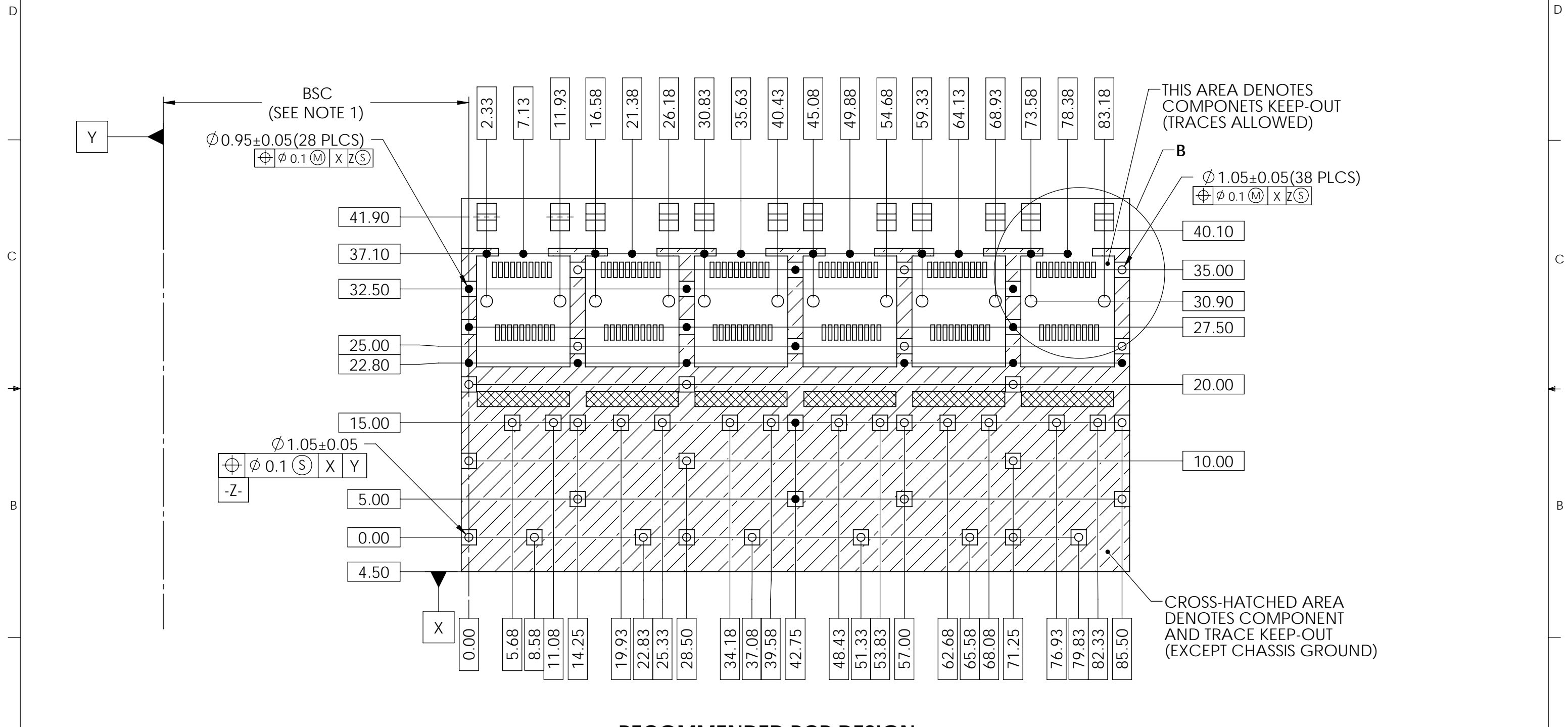
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	DRAWN Jane.Z DESIGNED CHECKED J.SI QA APPD	MAR13/09  MAR25/09	
	IE APPD		SIZE A3 DWG. NO. P-U77-CX61M-X081 REV. C
	DWG APPD A.G	MAR25/09	SCALE 2:1 PROJECT SHEET 9 OF 11

- NOTES:  
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**RECOMMENDED PCB DESIGN  
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 (P/N U77-C661M-X081)**

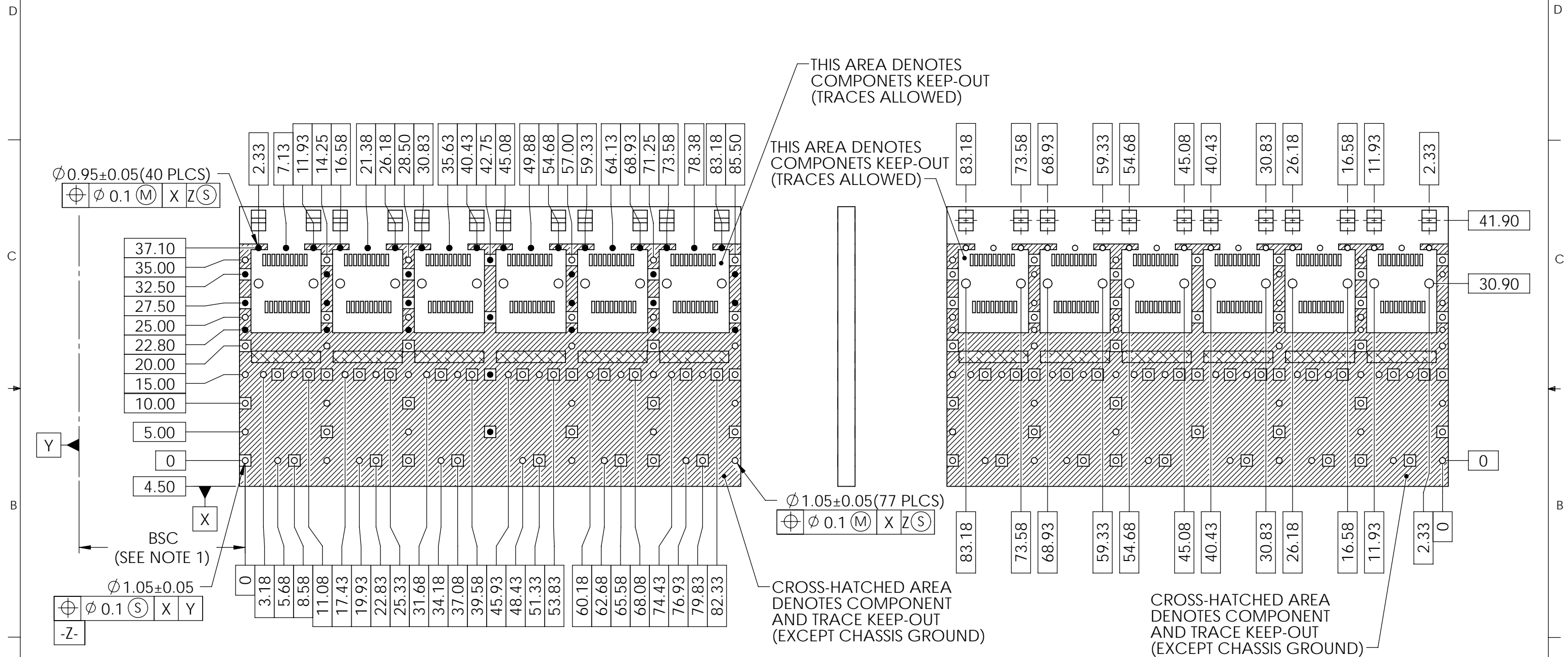
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- NOTES:  
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 4. SEE DRAWINGS P-UX76-A20-X00XX FOR CONNECTOR LAYOUT.

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

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	DRAWN Jane.Z DESIGNED CHECKED J.SI QA APPD IE APPD DWG APPD A.G	MAR13/09  MAR25/09  MAR25/09	
		SCALE 3:2	PROJECT P-U77-CX61M-X081
			SHEET 11 OF 11