

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



MATERIAL:
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

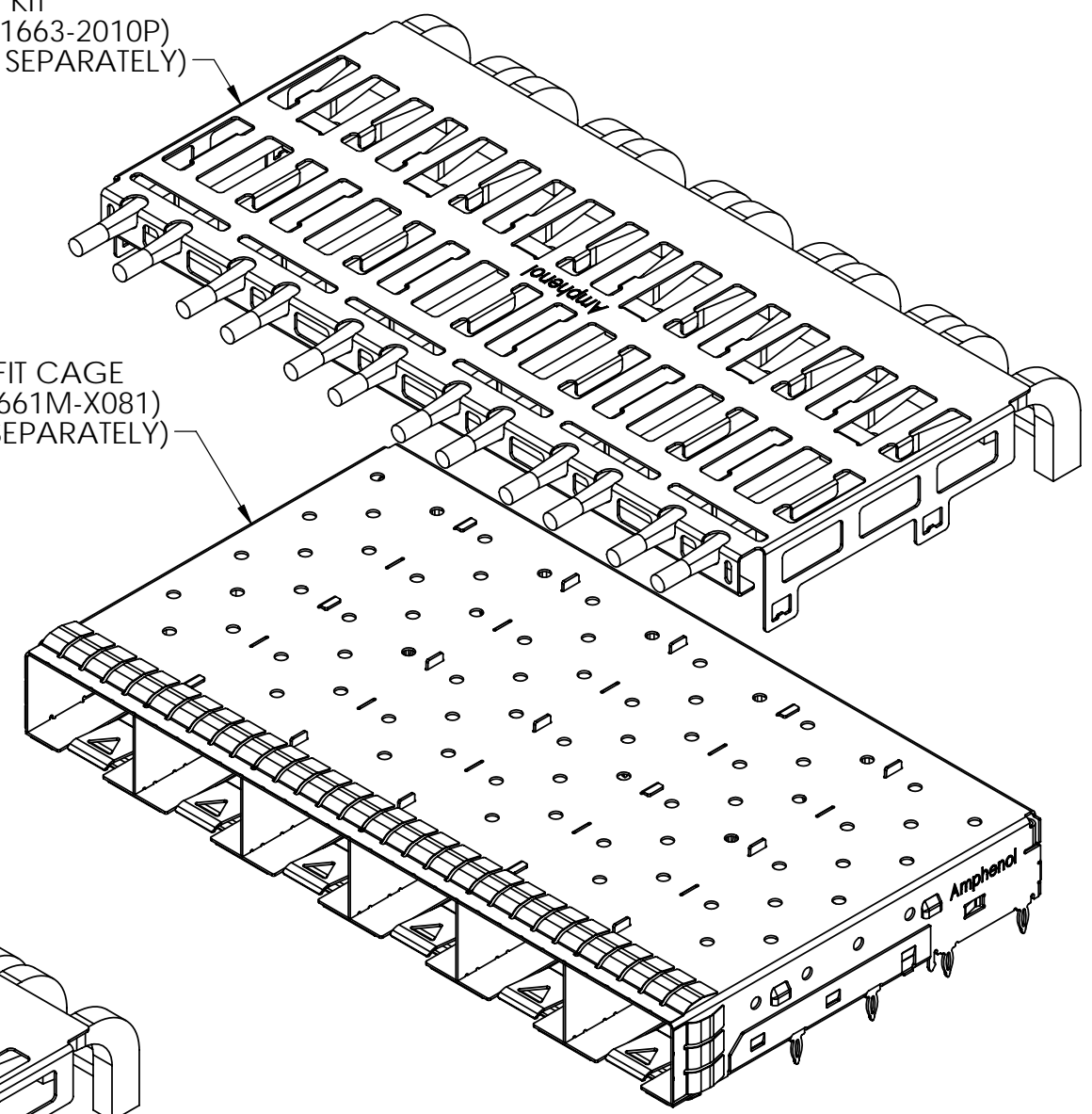
BRACKET FOR LIGHT PIPE:
STAINLESS STEEL

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)



P/N: U77-C661M-X081 SHOWN

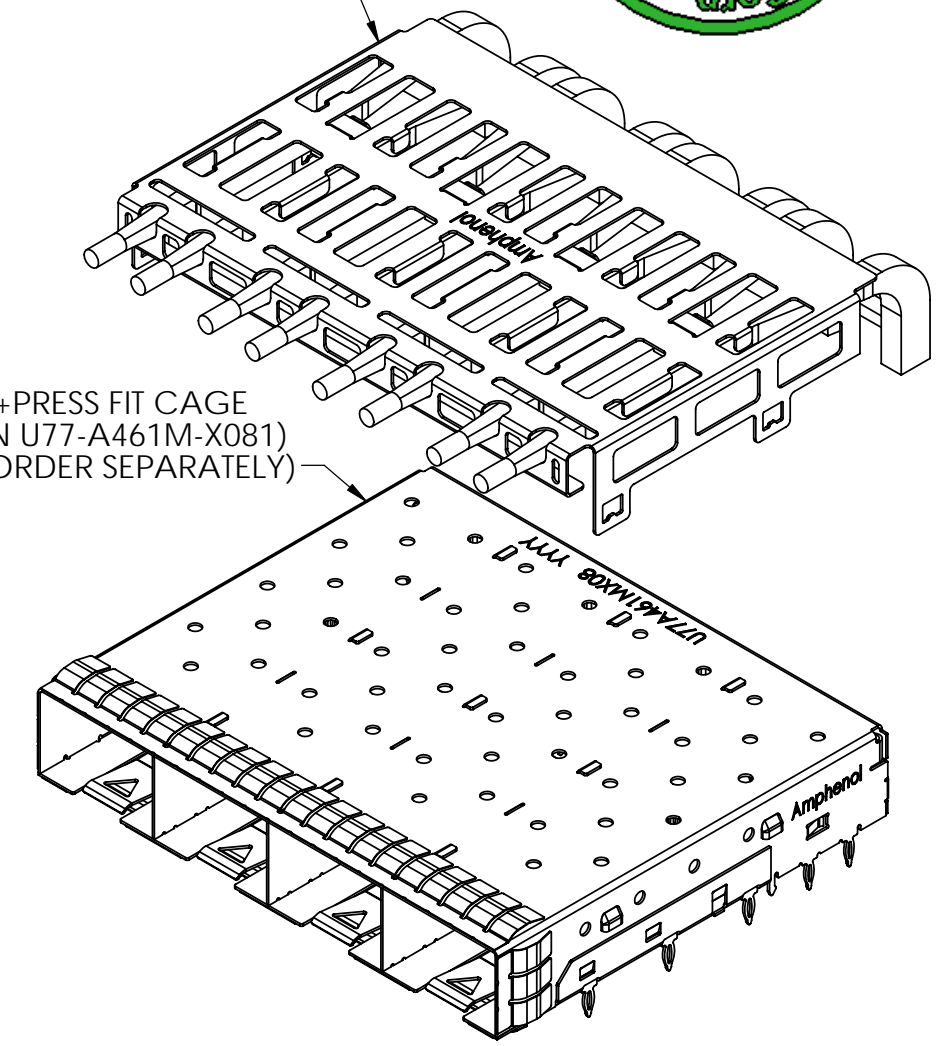
AMPHENOL PART NUMBER CONFIGURATION

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

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

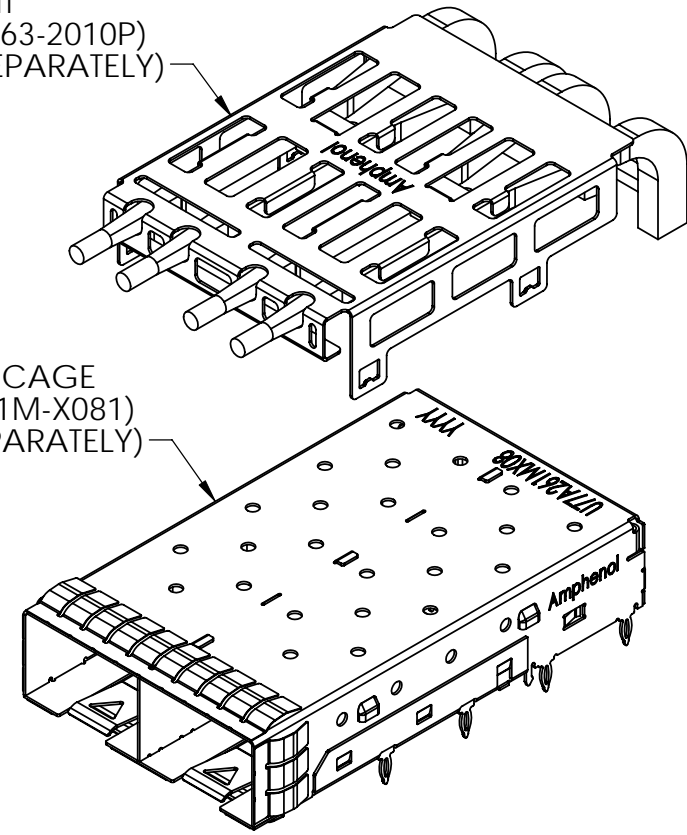
SFP+PRESS FIT CAGE
(P/N U77-A461M-X081)
(IF ORDER SEPARATELY)



P/N: U77-C461M-X081 SHOWN

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

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



P/N: U77-C261M-X081 SHOWN

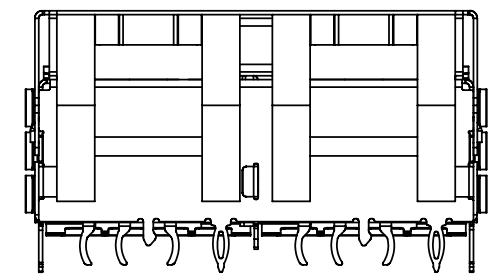
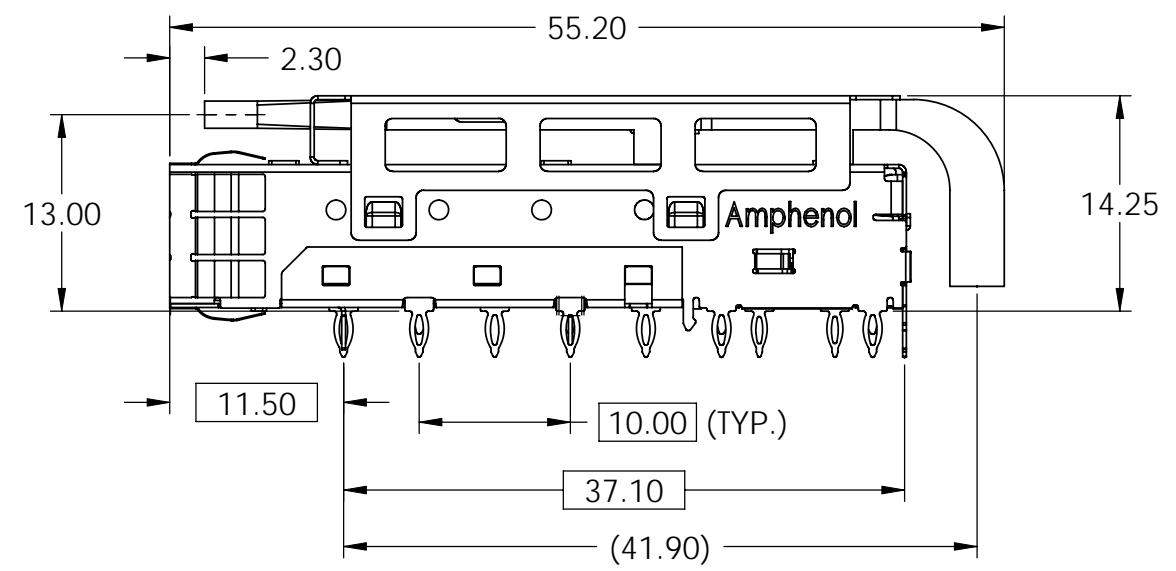
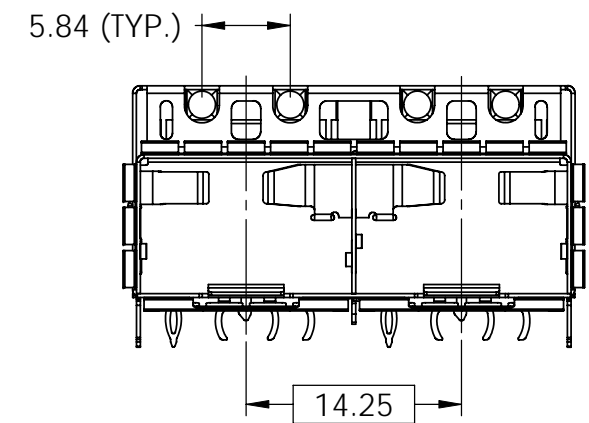
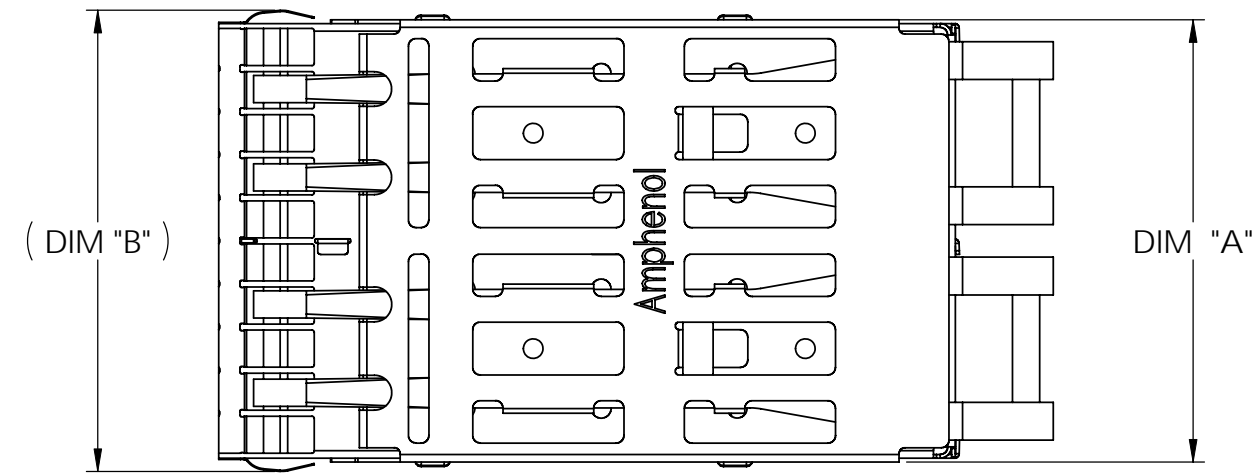
DO NOT SCALE DRAWING

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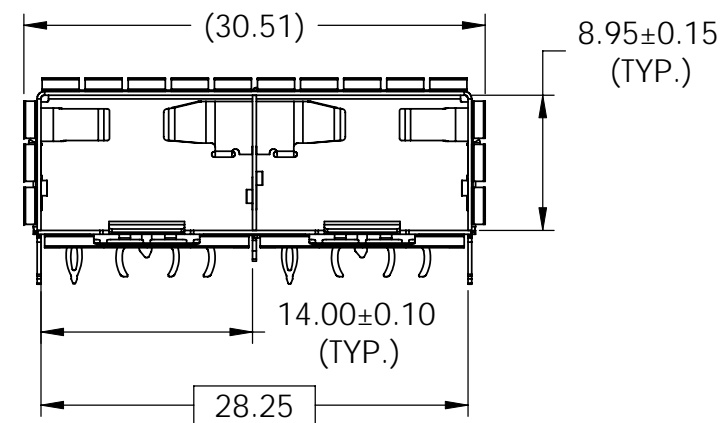
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X.XX ± 0.25		CHECKED	J.SI	MAR25/09		
MATERIAL AND FINISH		QA APPD			TITLE	
SEE NOTE 1		IE APPD			SIZE	DWG. NO
REF.		DWG APPD		A.G	MAR25/09	P-U77-CX61M-X081
CODE IDENT. NO.	03554	SCALE		1:1	PROJECT	REV. C
					SHEET 2 OF 11	

DO NOT SCALE DRAWING

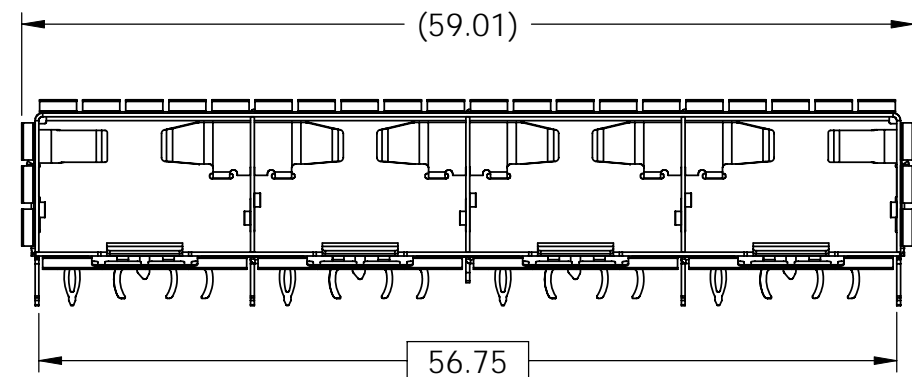
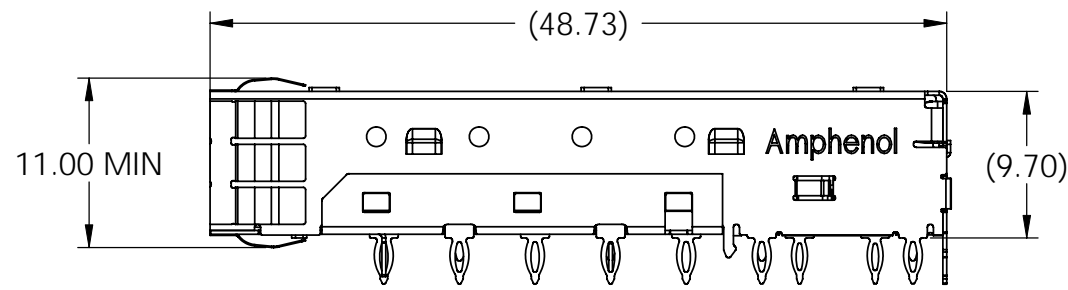
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8 7 6 5 4 3 2 1

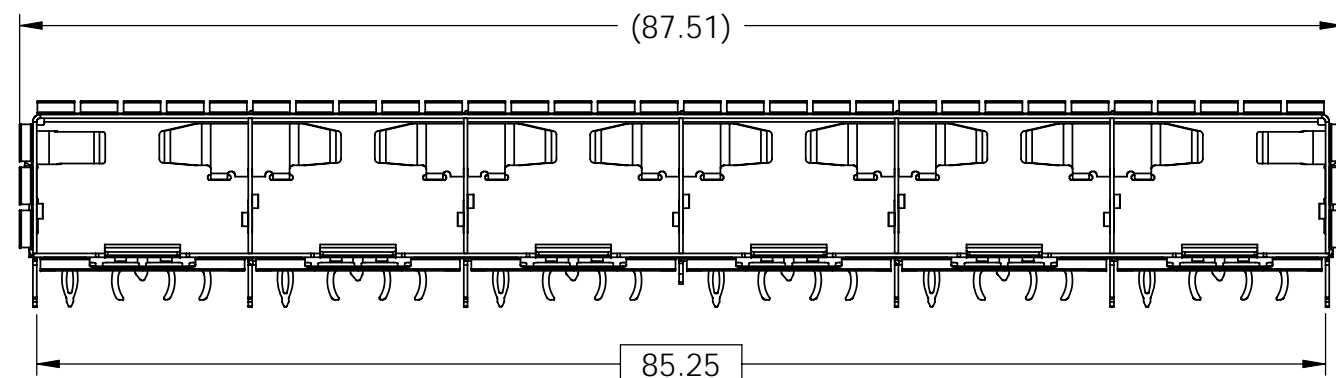
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U77-A261M-X081



U77-A461M-X081



U77-A661M-X081

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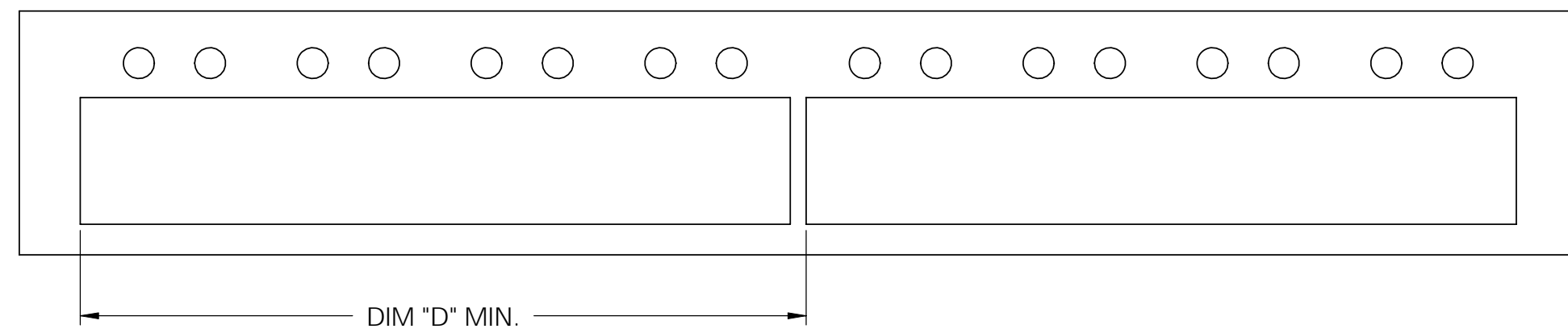
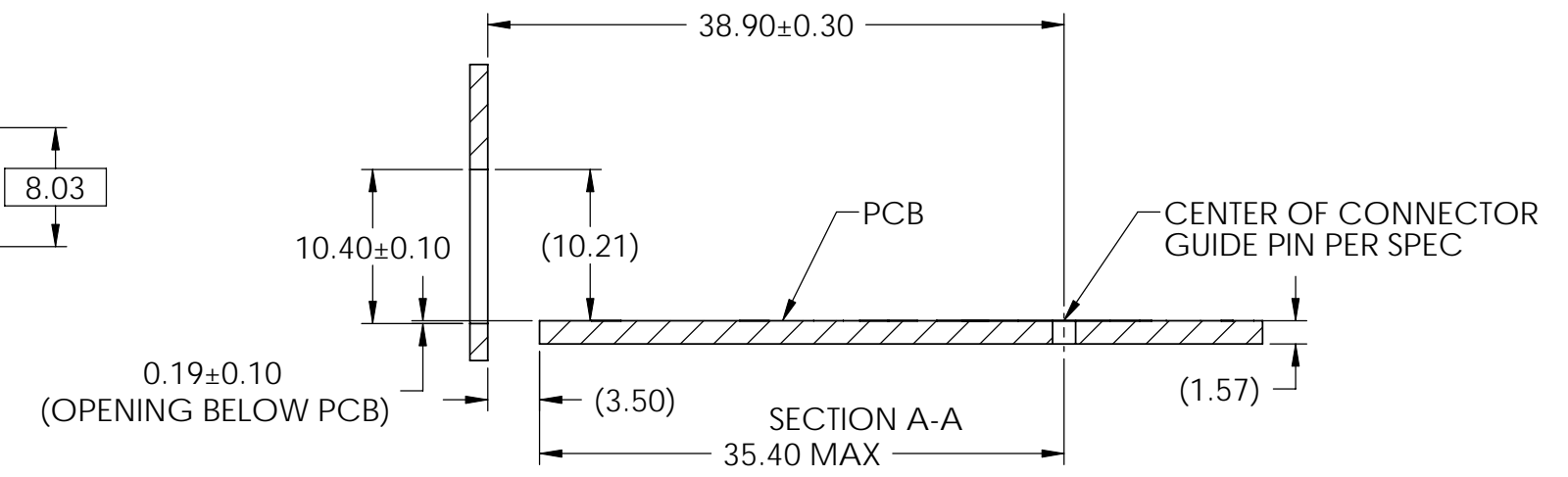
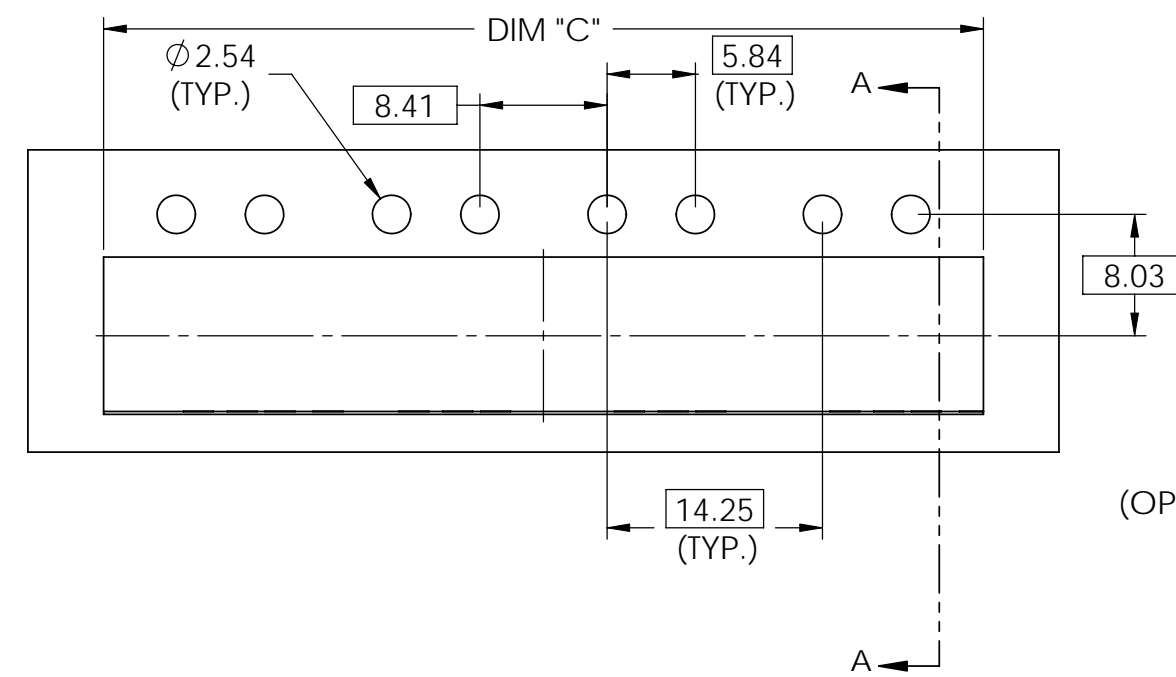
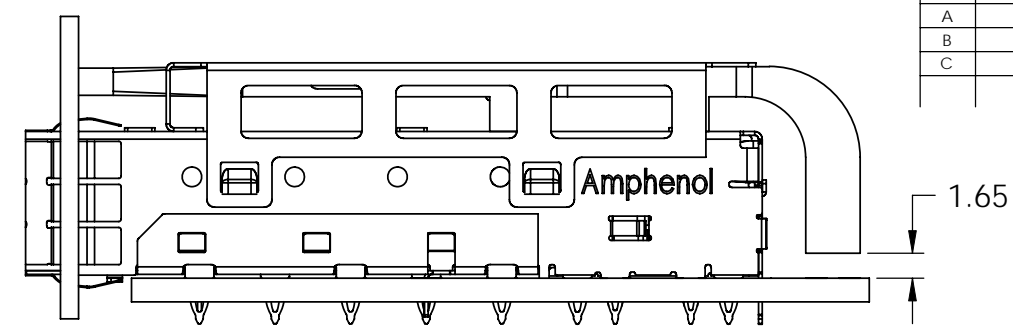
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X.X ± 0.38	± 1°	DESIGNED			1XN SFP+ CAGE SPRINGFINGER EMI, WITH LIGHT PIPE	
X.XX ± 0.25		CHECKED	J.SI	MAR25/09		
MATERIAL AND FINISH		QA APPD			SIZE A3 DWG. NO. P-U77-CX61M-X081 REV. C	
SEE NOTE 1		IE APPD				
REF.		DWG APPD		A.G	SCALE 4:1	PROJECT
CODE IDENT. NO.	03554			MAR25/09	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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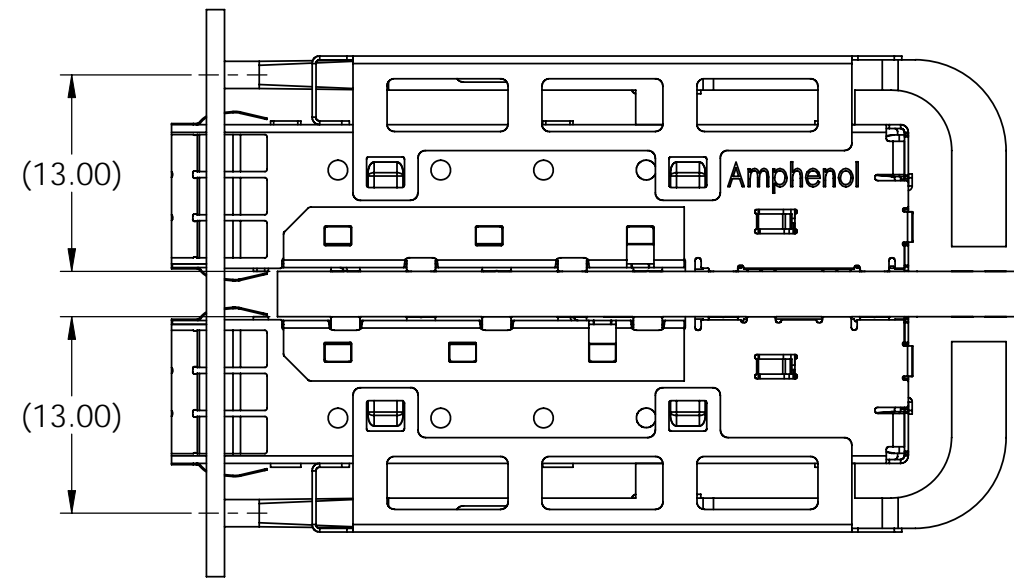


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DECIMALS	ANGLES	DRAWN	Jane.Z	MAR13/09	TITLE	
X.X ± 0.38	± 1°	DESIGNED			1XN SFP+ CAGE SPRINGFINGER EMI, WITH LIGHT PIPE	
X.XX ± 0.25		CHECKED	J.SI	MAR25/09		
MATERIAL AND FINISH		QA APPD				
SEE NOTE 1		IE APPD			SIZE	DWG. NO
REF.		DWG APPD	A.G	MAR25/09	A3	P-U77-CX61M-X081
CODE IDENT. NO.	03554				SCALE	PROJECT
					2:1	SHEET 4 OF 11

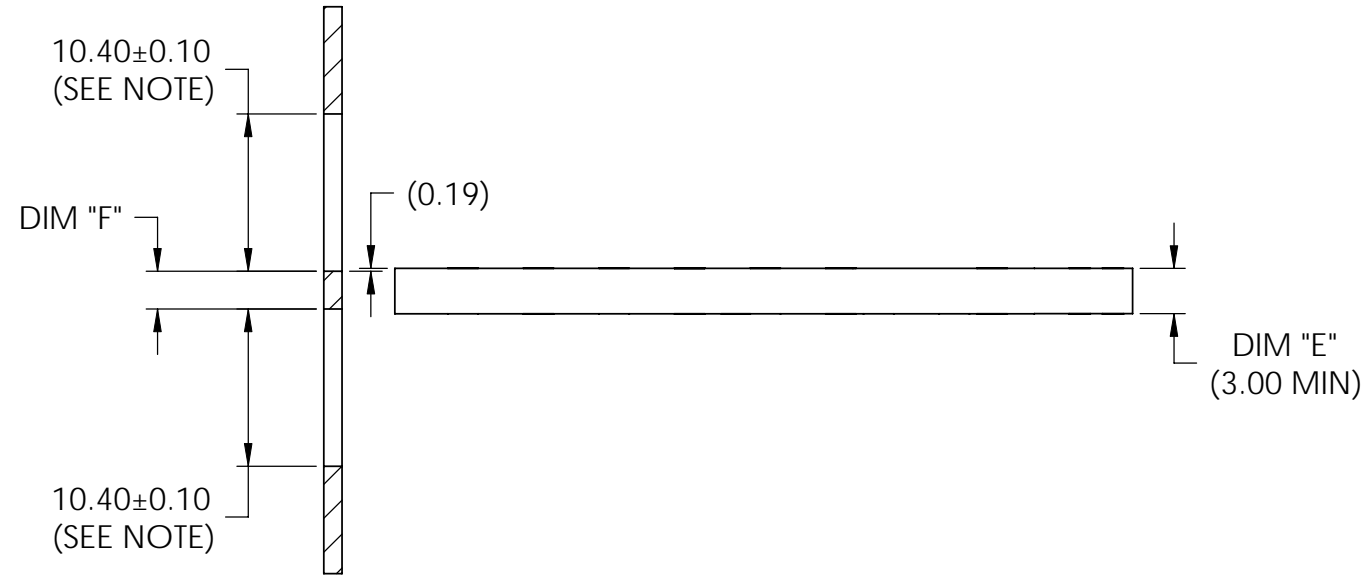
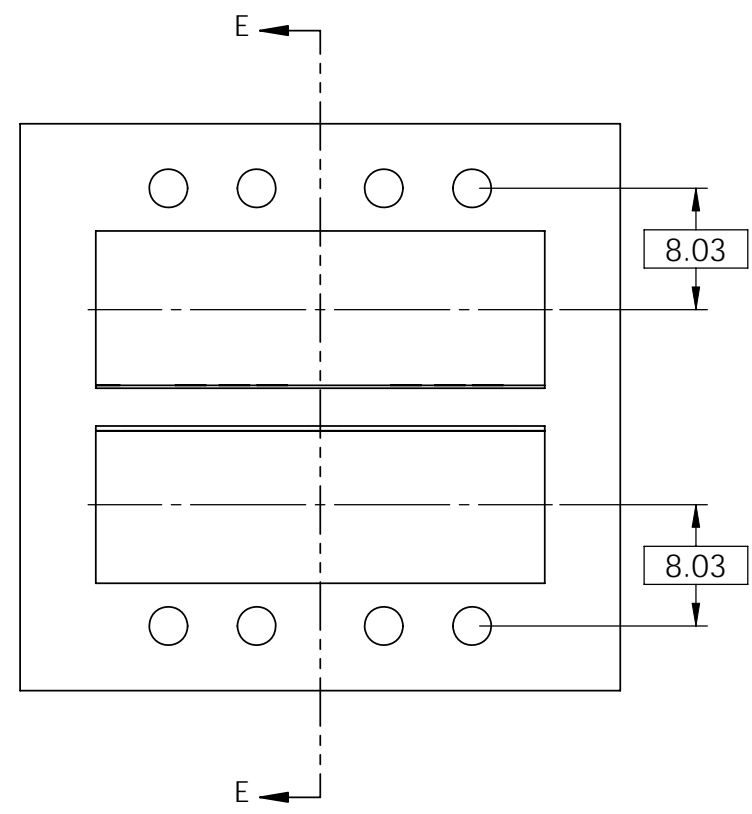
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NOTE:
 PANEL CUTOUT SIZES PER SFF 8433 SPEC. FOR BELLY TO BELLY MOUNTING, DIM "E" (PCB THICKNESS) IS 3.0 mm MIN. DIM "F" RELATED TO DIM "E". FOR DIM "F" = DIM "E" - 0.44 mm. THE PANEL CUTOUT 10.40 mm MIGHT BE INCREASED UP TO 10.80 mm IN ORDER TO ACCOMMODATE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



SECTION E-E

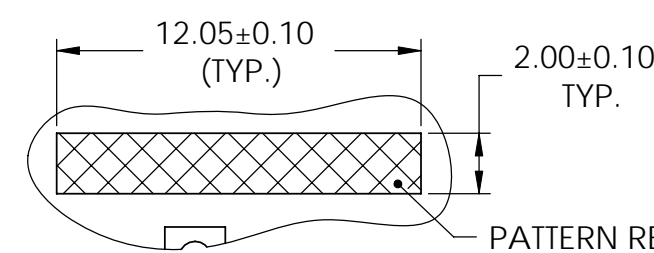
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X.X ± 0.38	± 1°	DESIGNED			1XN SFP+ CAGE SPRINGFINGER EMI, WITH LIGHT PIPE	
X.XX ± 0.25		CHECKED	J.SI	MAR25/09	SIZE	DWG. NO.
MATERIAL AND FINISH		QA APPD			A3	P-U77-CX61M-X081
SEE NOTE 1		IE APPD			SCALE	PROJECT
REF.		DWG APPD	A.G	MAR25/09	2:1	SHEET
CODE IDENT. NO.	03554					5 OF 11

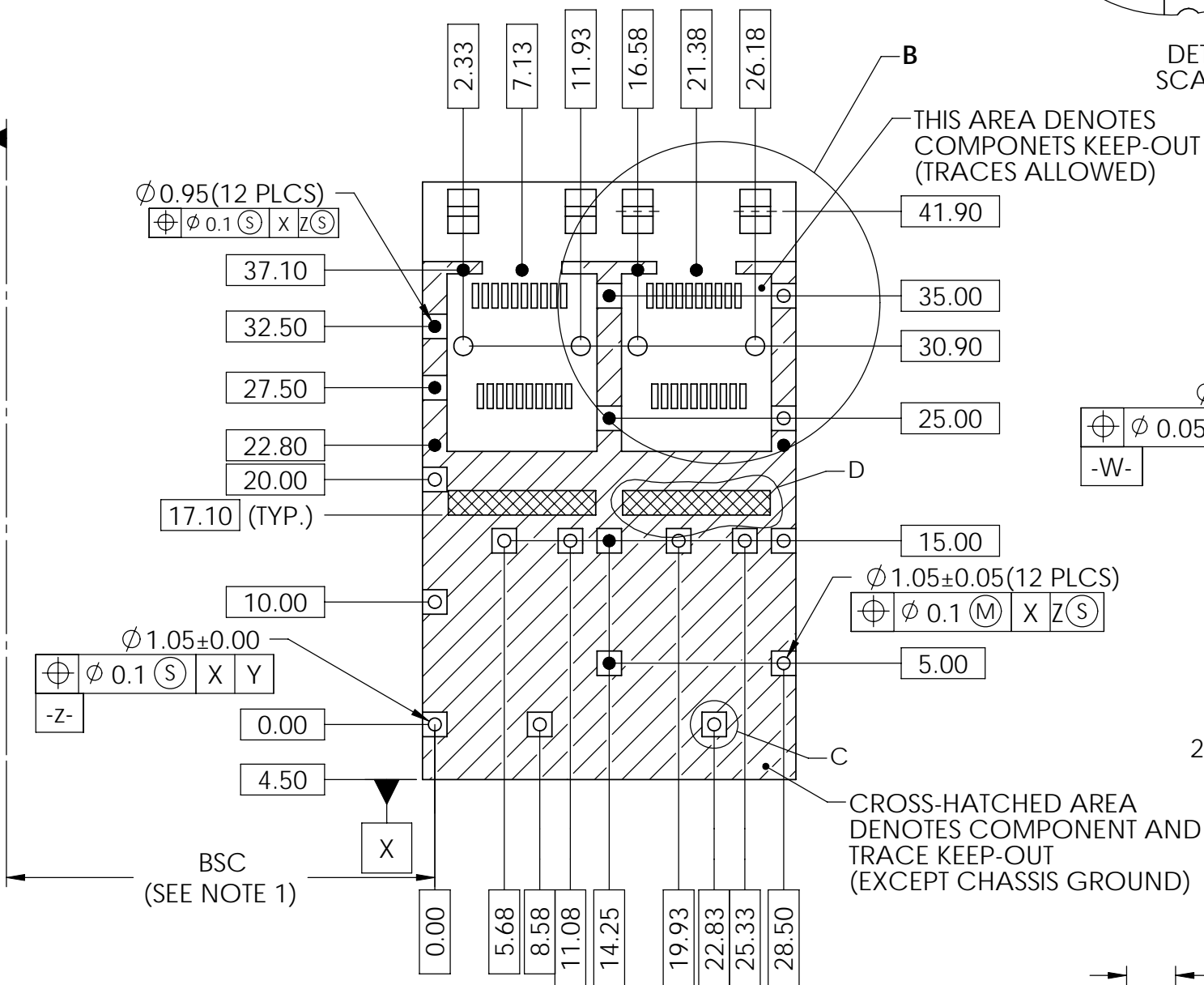
- NOTES:
 1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
 2. PADS AND VIAS ARE CHASSIS GROUND.
 3. THRU-HOLES, PLATING OPTIONAL.
 4. SEE DRAWINGS P-UX76-A20-X00XX FOR CONNECTOR LAYOUT.

REVISIONS				
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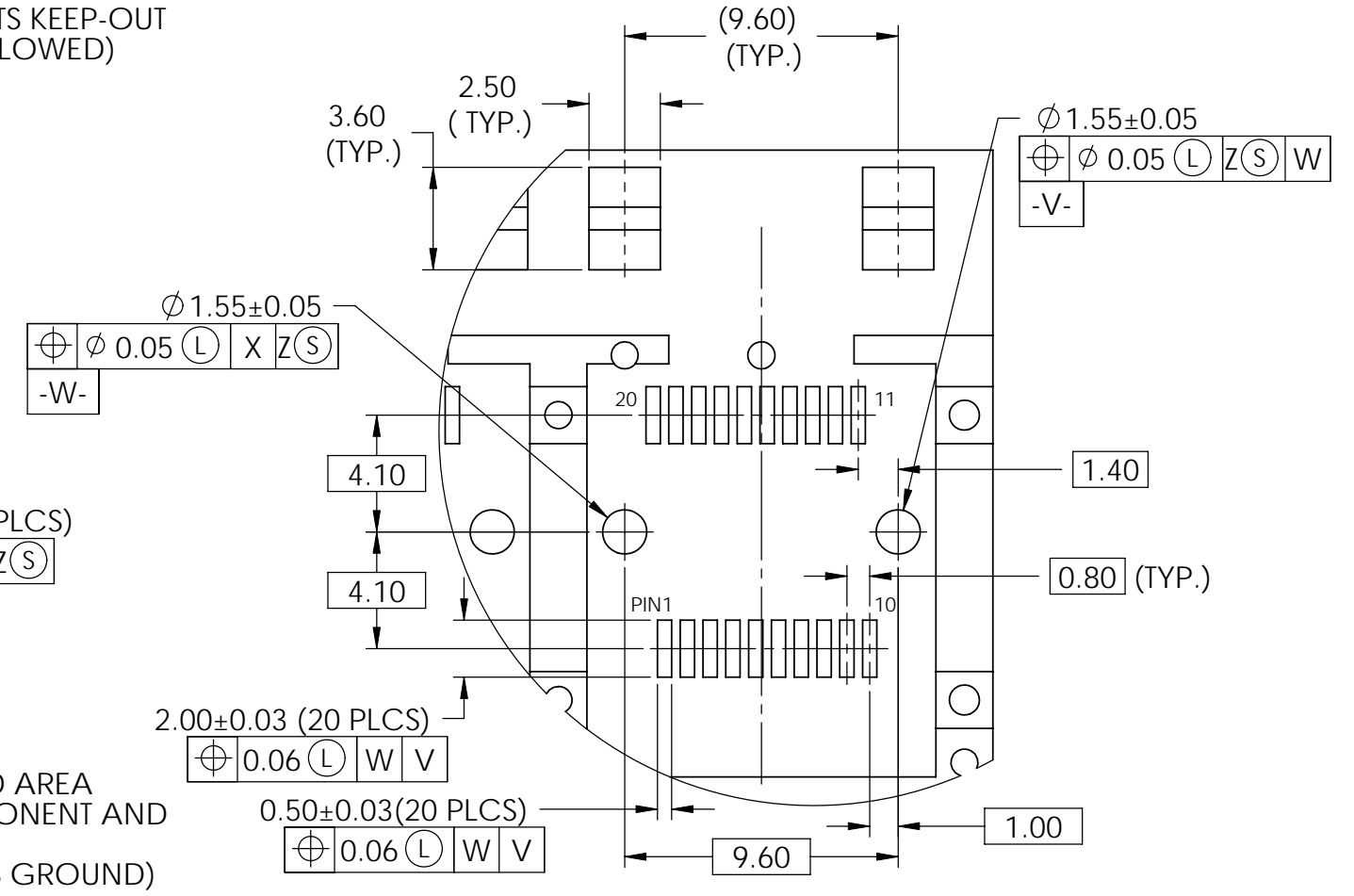
DETAIL D
SCALE 4 : 1

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

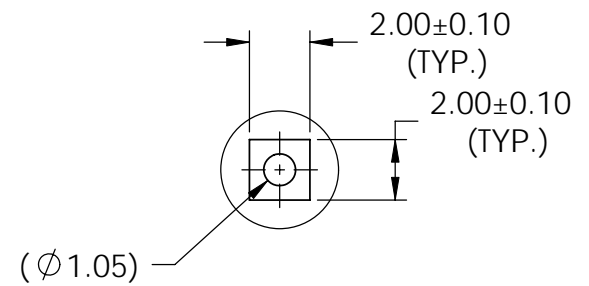


THIS AREA DENOTES
 COMPONENTS KEEP-OUT
 (TRACES ALLOWED)

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



DETAIL B
SCALE 4 : 1



DETAIL C
SCALE 4 : 1

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

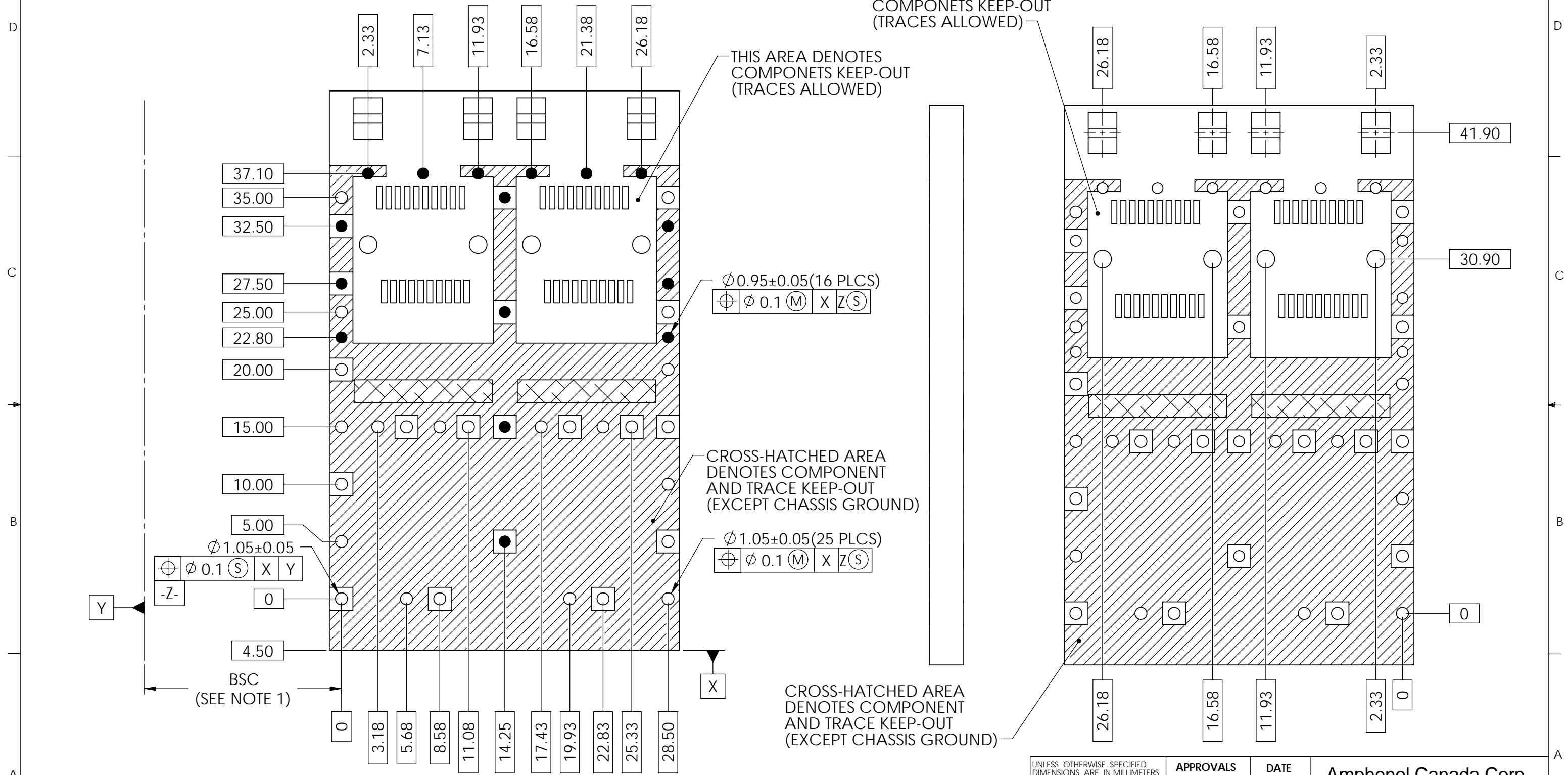
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	DRAWN Jane.Z	MAR13/09		
MATERIAL AND FINISH SEE NOTE 1	DESIGNED		1XN SFP+ CAGE SPRINGFINGER EMI, WITH LIGHT PIPE	
	CHECKED J.SI	MAR25/09		
REF.	QA APPD		SIZE A3	DWG. NO. P-U77-CX61M-X081
CODE IDENT. NO. 03554	IE APPD		SCALE 2:1	PROJECT
	DWG APPD A.G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

- NOTES:
 1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
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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 BELLY TO BELLY MOUNTING

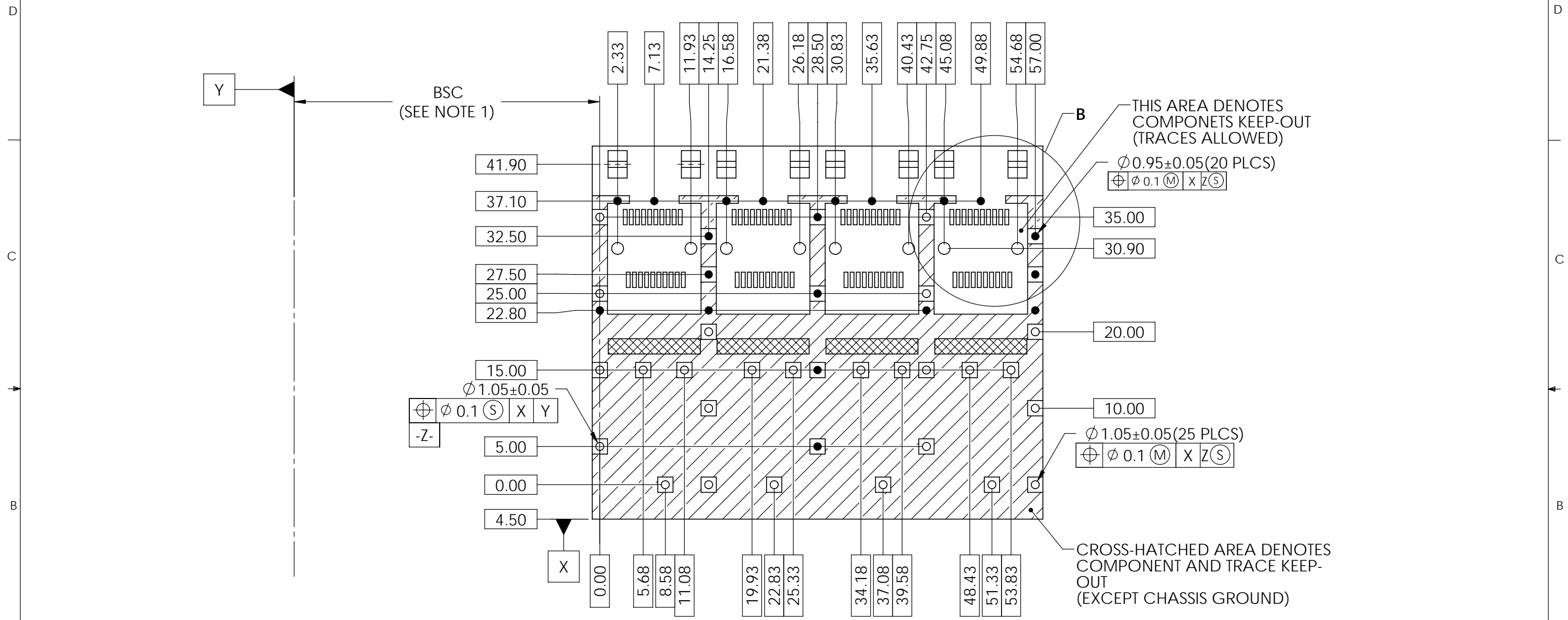
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MATERIAL AND FINISH SEE NOTE 1		DRAWN Jane.Z DESIGNED CHECKED J.SI QA APPD	MAR13/09 MAR25/09	
REF.	CODE IDENT. NO. 03554	IE APPD DWG APPD A.G	MAR25/09	SIZE A3 DWG. NO. P-U77-CX61M-X081 SCALE 3:1 PROJECT SHEET 7 OF 11

- NOTES:
 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.

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

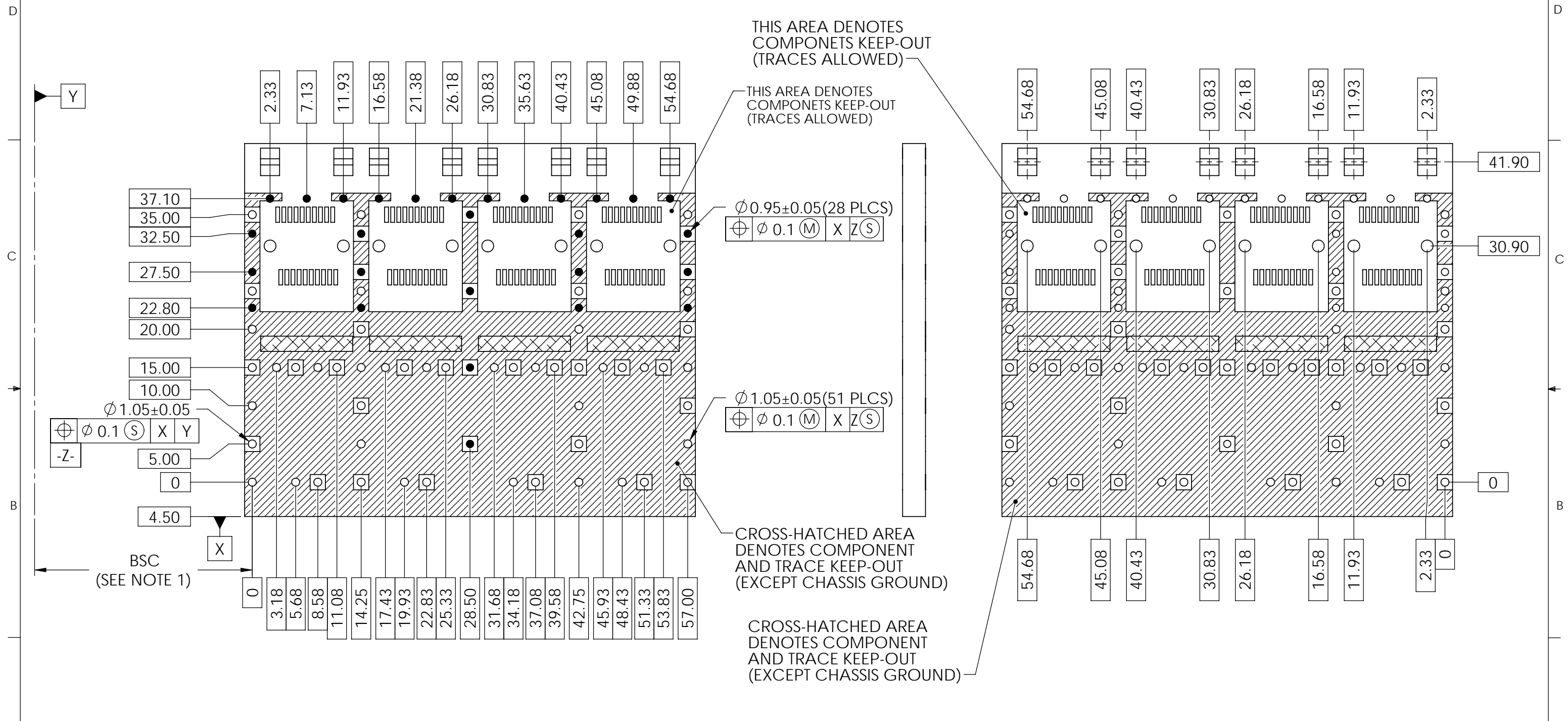
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	DRAWN Jane.Z	MAR13/09		
	DESIGNED		1XN SFP+ CAGE SPRINGFINGER EMI, WITH LIGHT PIPE	
	CHECKED J.SI	MAR25/09		
	QA APPD		SIZE A3	DWG. NO. P-U77-CX61M-X081
	IE APPD		SCALE 1:1	PROJECT
	DWG APPD A.G	MAR25/09	SHEET 8 OF 11	REV. C

- 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 BELLY TO BELLY MOUNTING**

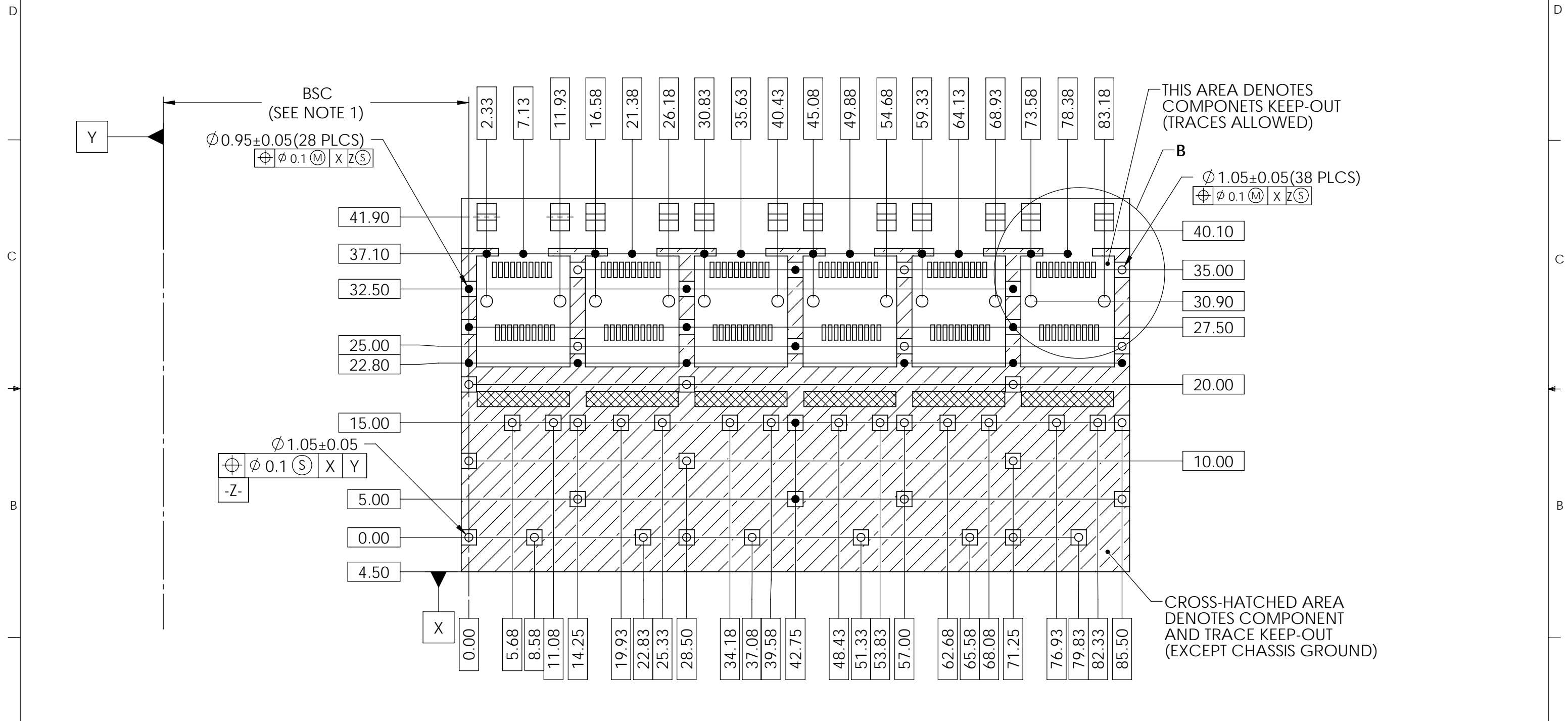
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	DRAWN: Jane.Z	MAR13/09	
	DESIGNED:		
	CHECKED: J.SI	MAR25/09	
	QA APPD:		
	IE APPD:		
	DWG APPD: A.G	MAR25/09	

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

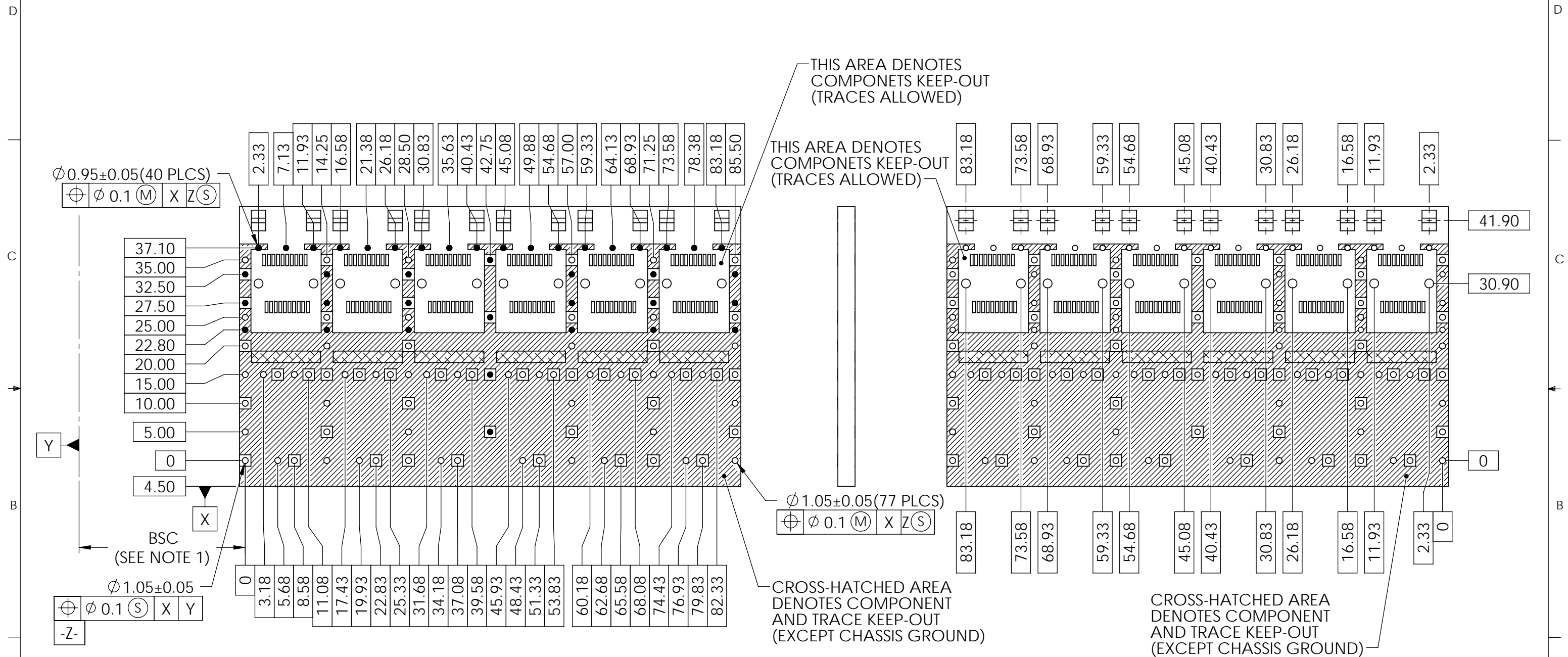
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RECOMMENDED PCB DESIGN FOR BELLY TO BELLY MOUNTING

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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