

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



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

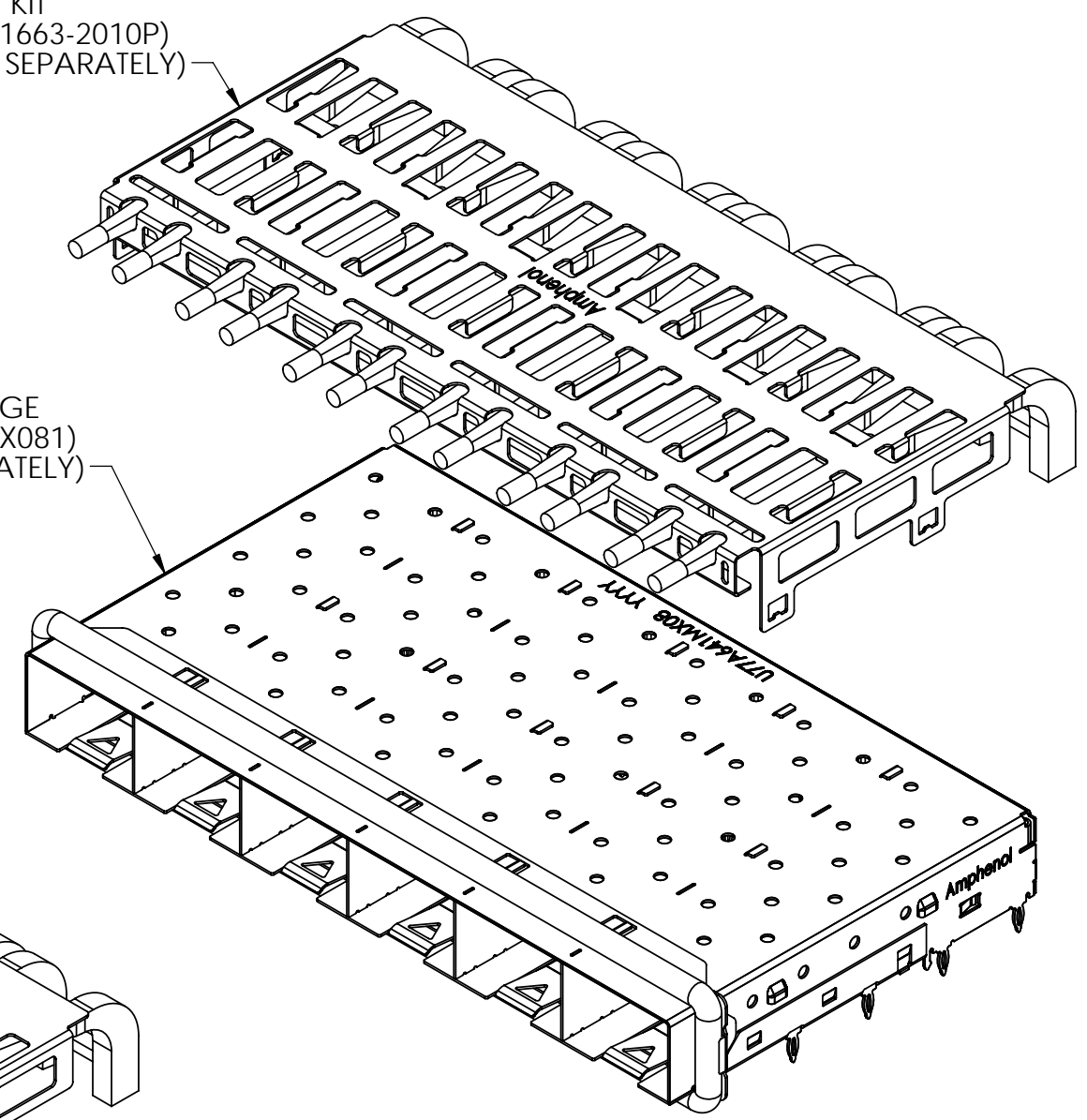
BRACKET FOR LIGHT PIPE:  
STAINLESS STEEL

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-A641M-X081)  
(IF ORDER SEPARATELY)



**P/N: U77-C641M-X081 SHOWN**

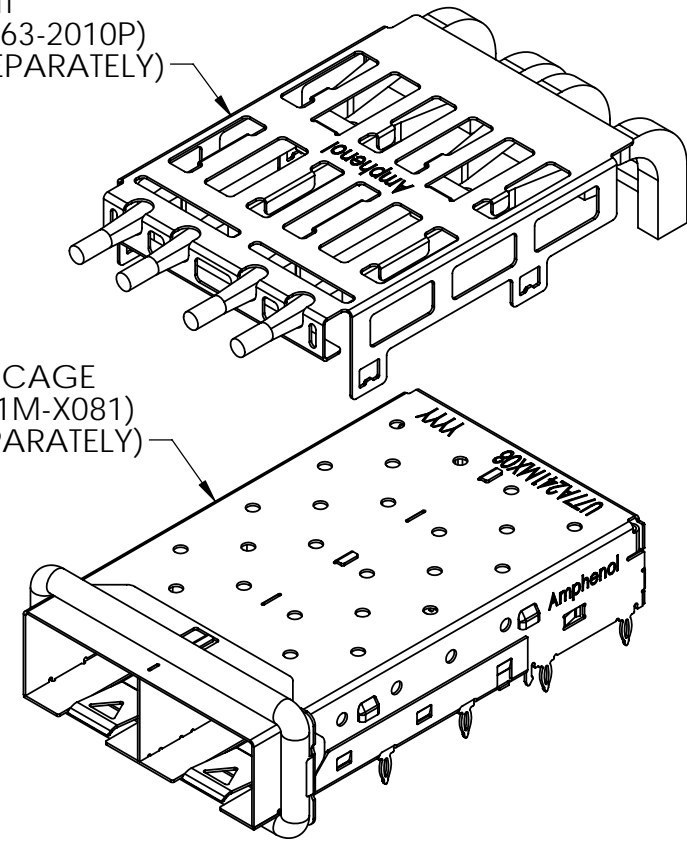
AMPHENOL PART NUMBER CONFIGURATION

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

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

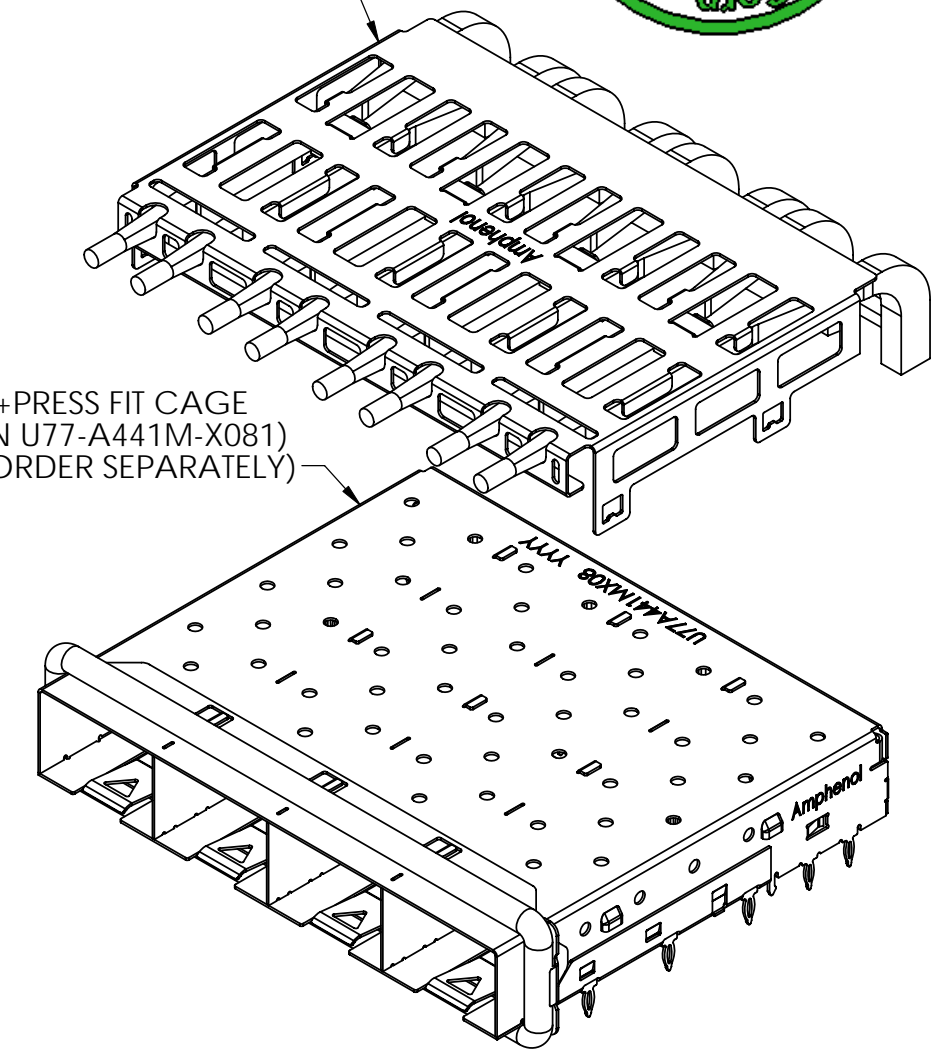
SFP+PRESS FIT CAGE  
(P/N U77-A241M-X081)  
(IF ORDER SEPARATELY)



**P/N: U77-C241M-X081 SHOWN**

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-C441M-X081 SHOWN**

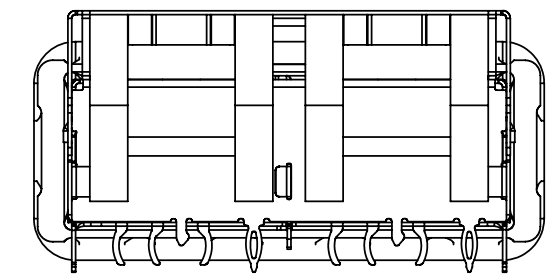
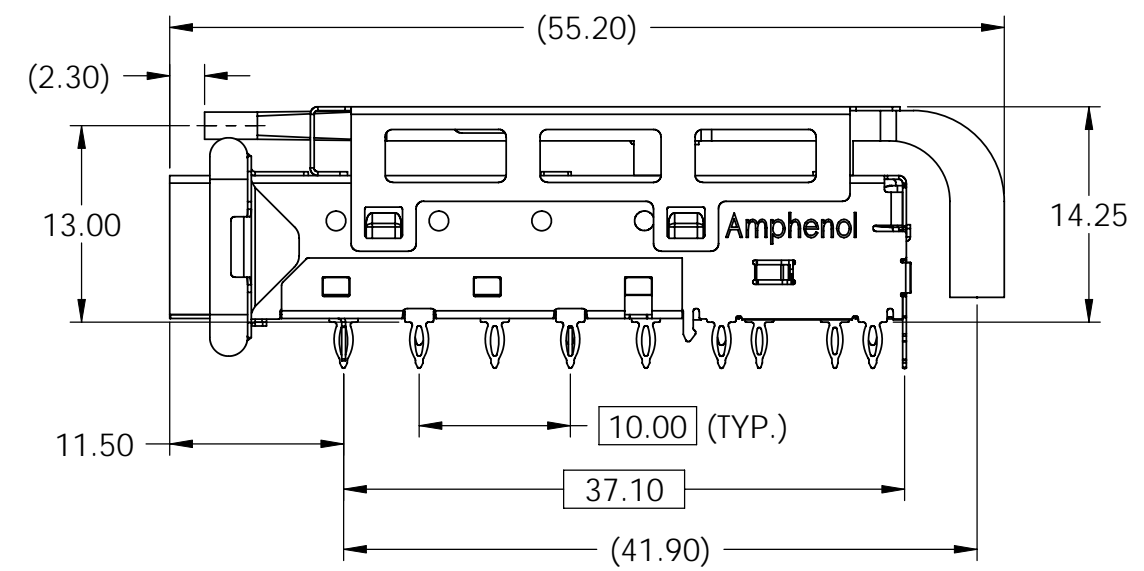
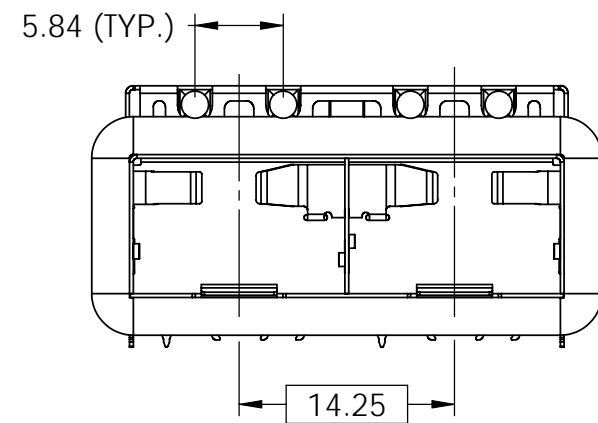
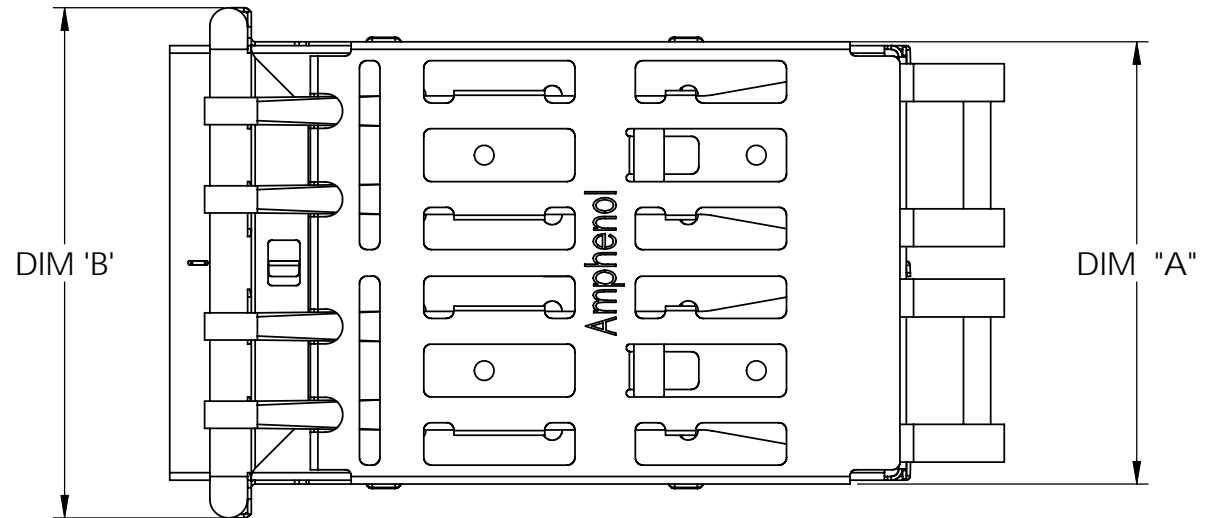
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE	Amphenol Canada Corp.	
DECIMALS X.X ± 0.38 X.XX ± 0.25	ANGLES ± 1°	DRAWN	J.SI	JUL21/09	TITLE	
MATERIAL AND FINISH SEE NOTE 1		DESIGNED			1XN SFP+ CAGE ELASTOMER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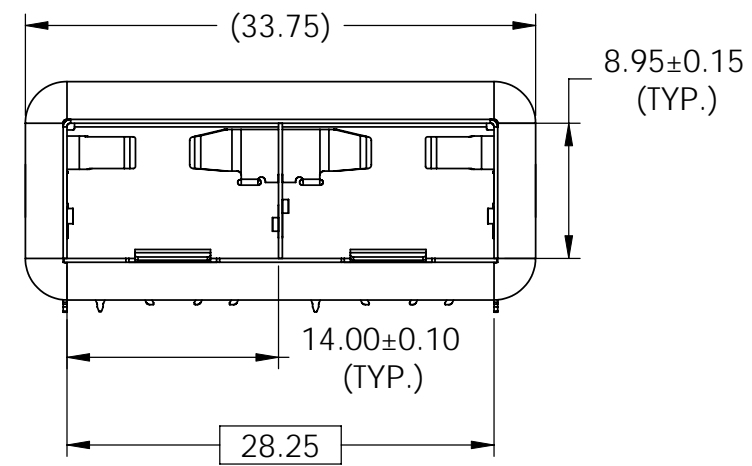
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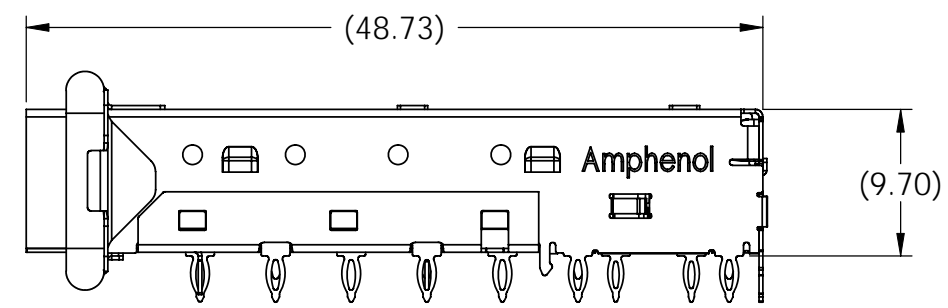
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	DRAWN	J.SI		JUL21/09
	DESIGNED			
	CHECKED			
MATERIAL AND FINISH	QA APPD			
SEE NOTE 1				
REF.	IE APPD			
CODE IDENT. NO. 03554	DWG APPD			
SIZE A3	DWG. NO. P-U77-CX41M-X081	REV. A		
SCALE 1:1	PROJECT	SHEET 2 OF 11		

**REVISIONS**

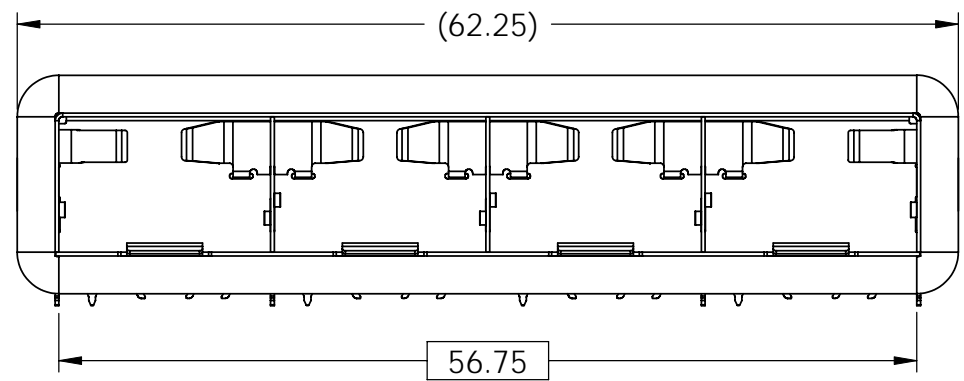
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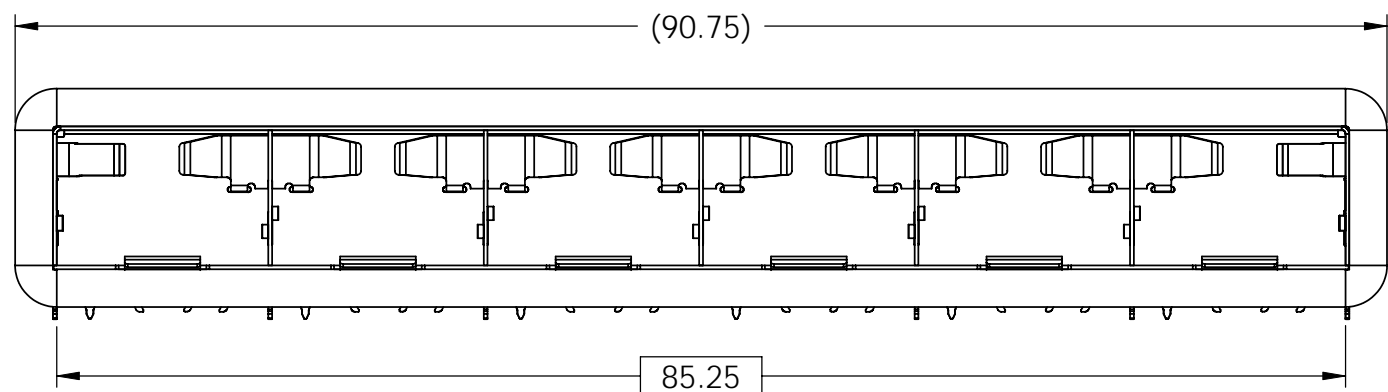
U77-A261M-X081



U77-A461M-X081



U77-A661M-X081



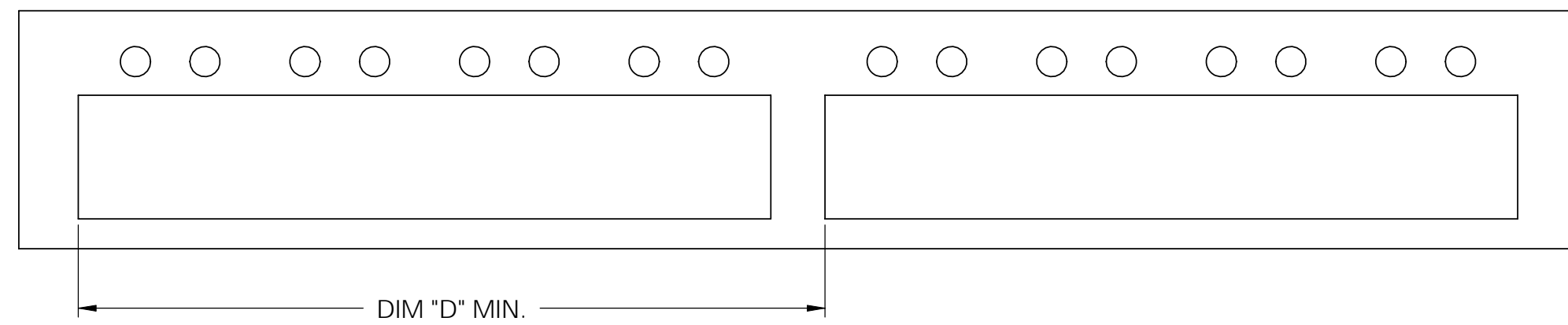
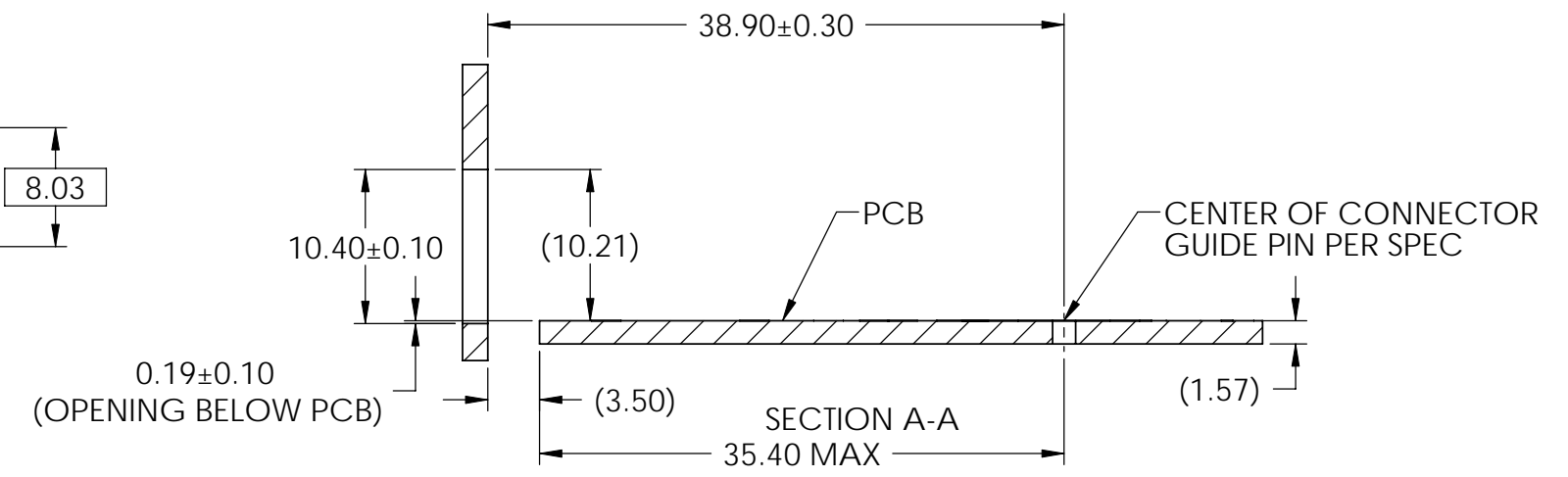
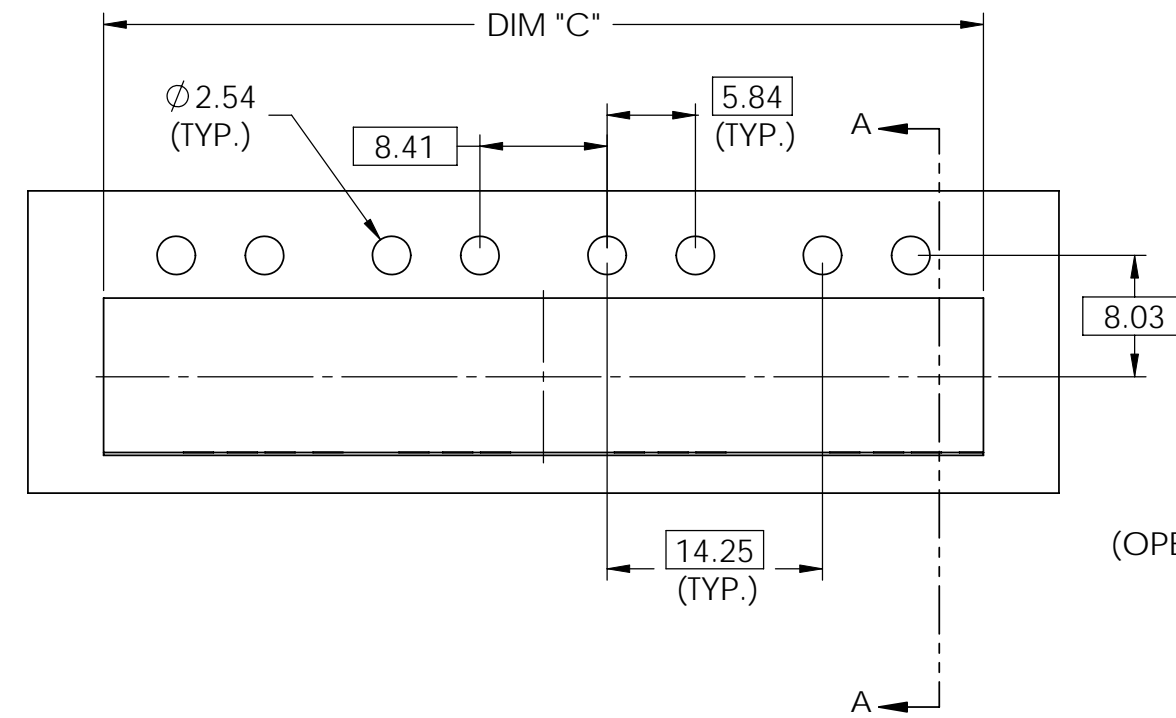
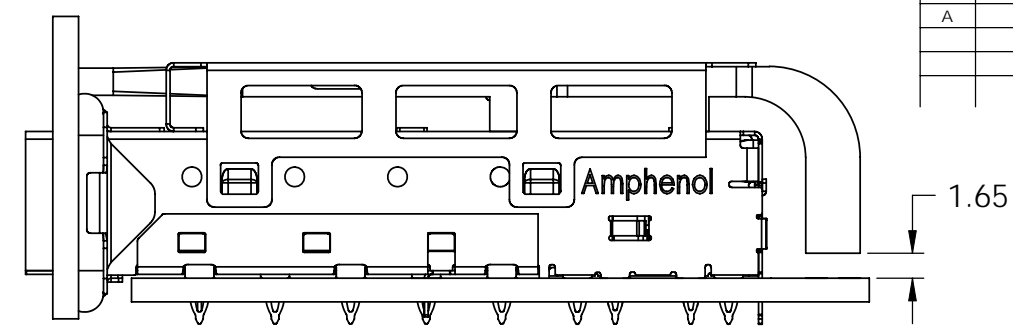
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	DRAWN J.SI	JUL21/09		
	DESIGNED		SIZE A3	DWG. NO. P-U77-CX41M-X081
	CHECKED		SCALE 2:1	PROJECT
	QA APPD			SHEET 3 OF 11
	IE APPD			
	DWG APPD			

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

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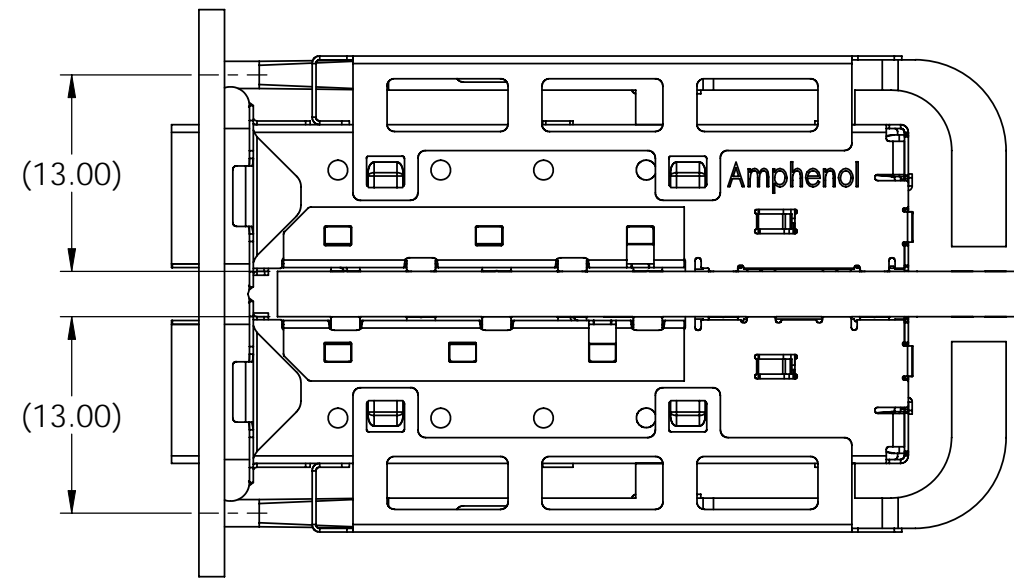
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DECIMALS	ANGLES	DRAWN	J.SI	JUL21/09				TITLE
X.X ± 0.38	± 1°	DESIGNED				1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE		
X.XX ± 0.25		CHECKED						
MATERIAL AND FINISH		QA APPD				SIZE	DWG. NO.	REV.
SEE NOTE 1		IE APPD				A3	P-U77-CX41M-X081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

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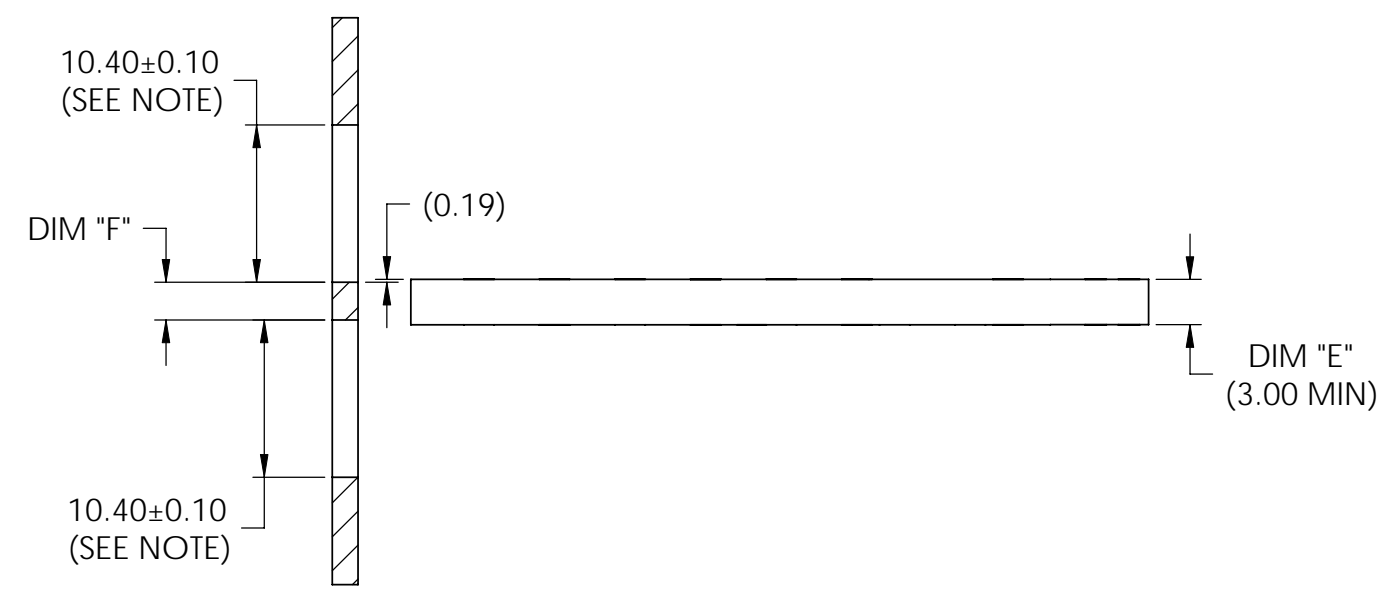
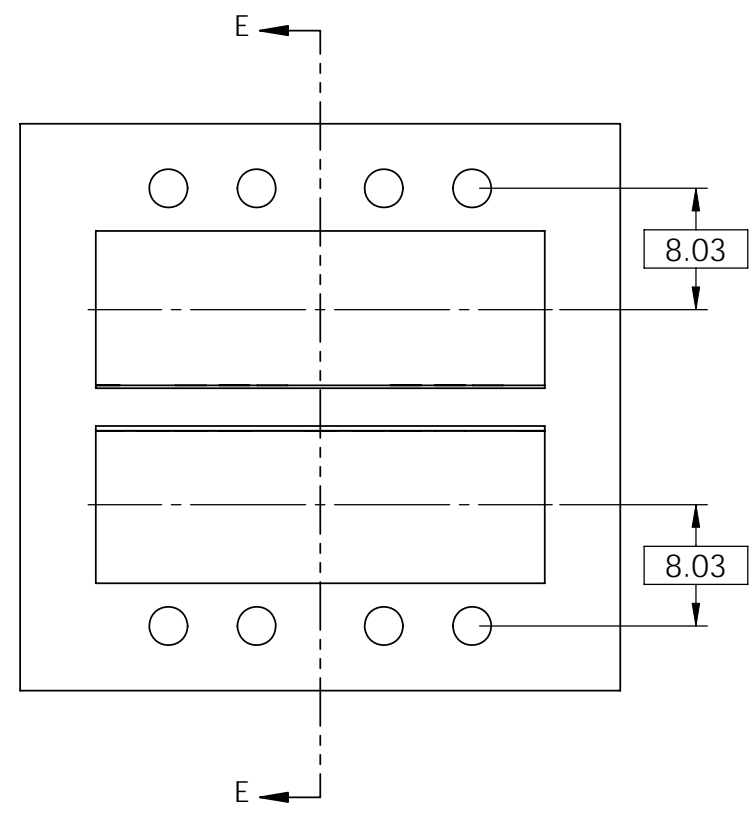
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REVISIONS				
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D  
C  
B  
A



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

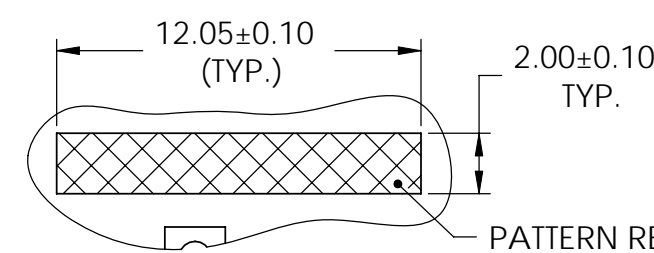
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X.XX ± 0.25		CHECKED				
MATERIAL AND FINISH		QA APPD				
SEE NOTE 1		IE APPD			SIZE	DWG. NO.
REF.		DWG APPD			A3	P-U77-CX41M-X081
CODE IDENT. NO.	03554				SCALE	PROJECT
					2:1	SHEET
						5 OF 11

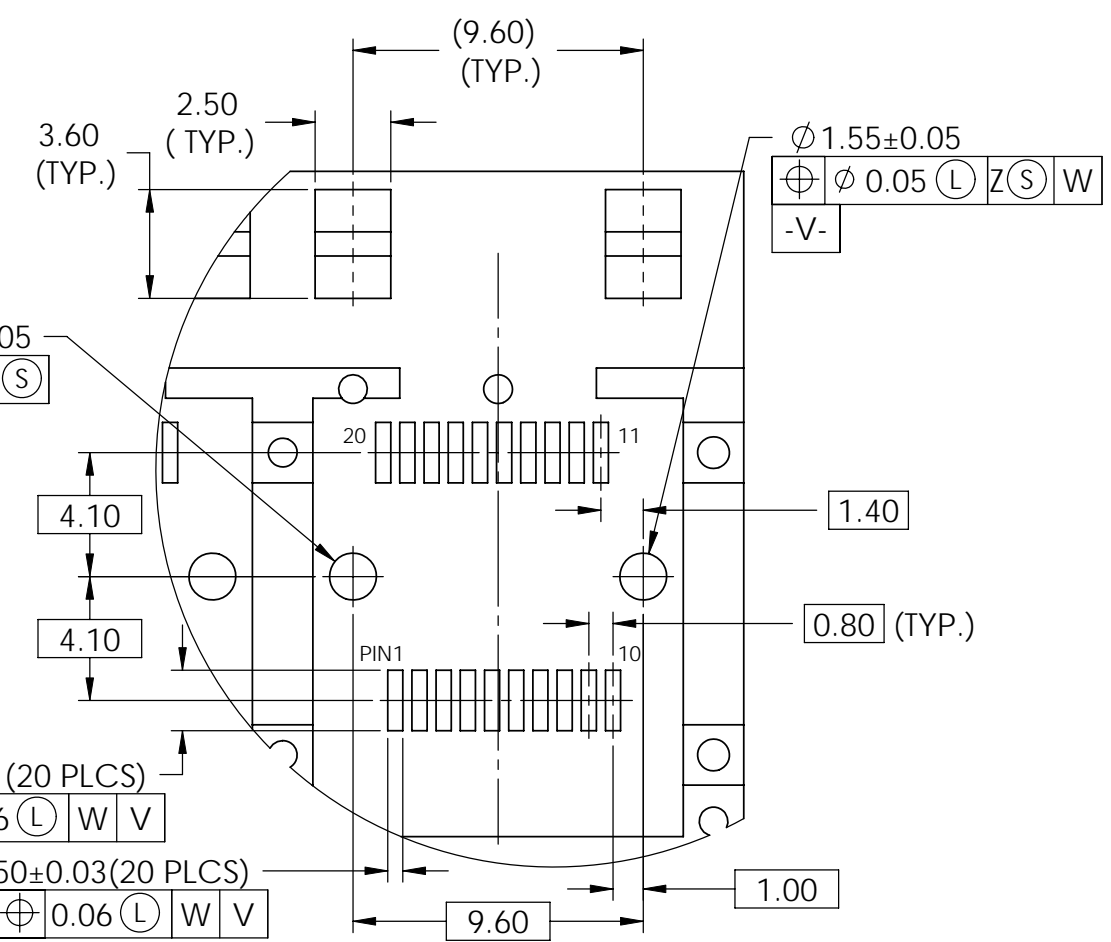
- NOTES:  
 1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.  
 2. PADS AND VIAS ARE CHASSIS GROUND.  
 3. THRU-HOLES, PLATING OPTIONAL.  
 4. SEE DRAWINGS P-UX76-A20-X00XX FOR CONNECTOR LAYOUT.

REVISIONS				
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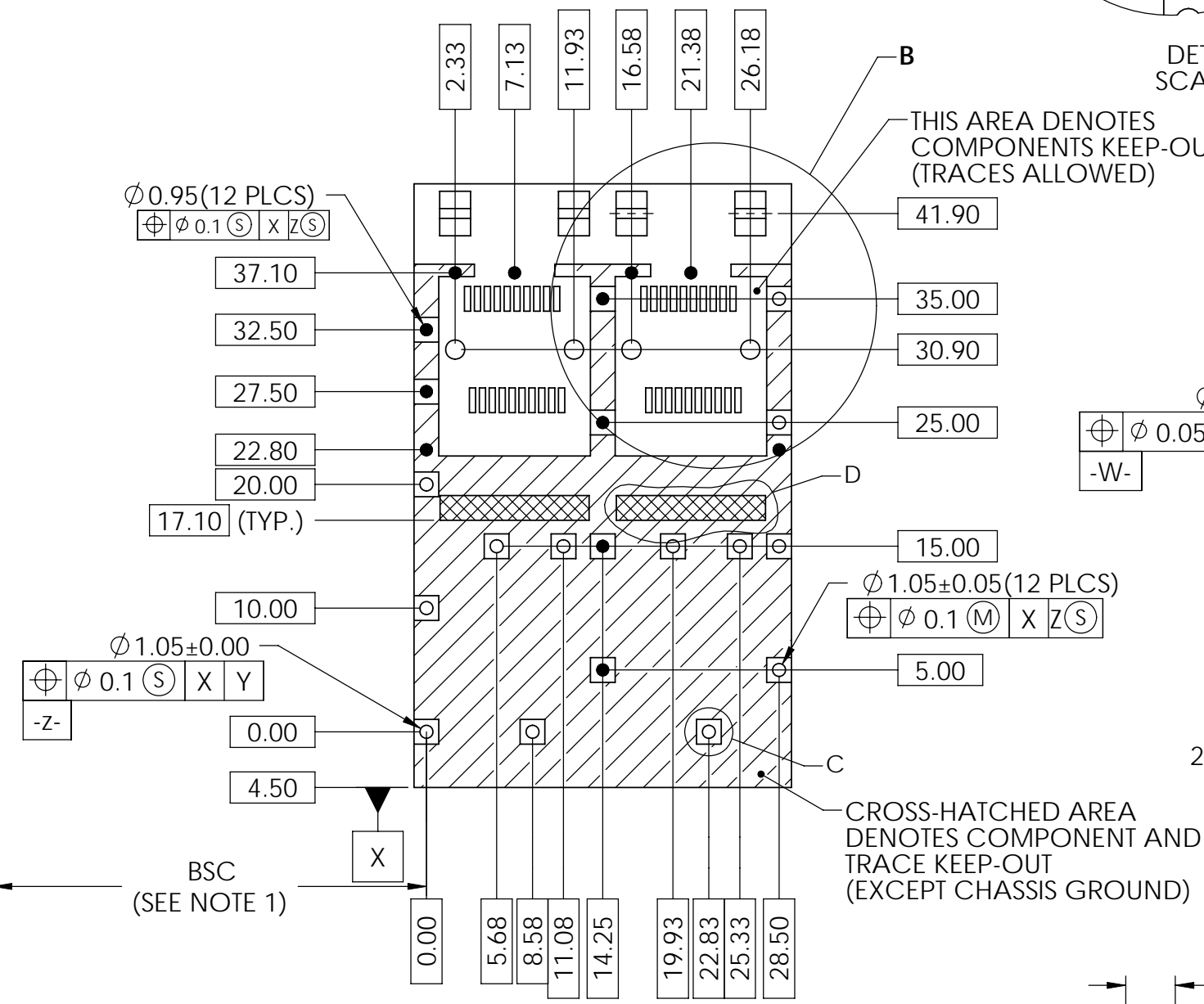


PATTERN REPEATS FOR EACH PORT.  
 SPACING BETWEEN PORTS IS 14.25mm.  
 APPLIES TO ALL GANGED LAYOUTS

DETAIL D  
 SCALE 4 : 1



DETAIL B  
 SCALE 4 : 1

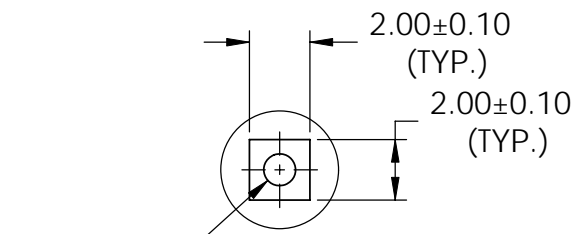


CROSS-HATCHED AREA  
 DENOTES COMPONENT AND  
 TRACE KEEP-OUT  
 (EXCEPT CHASSIS GROUND)

THIS AREA DENOTES  
 COMPONENTS KEEP-OUT  
 (TRACES ALLOWED)

BSC  
 (SEE NOTE 1)

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



DETAIL C  
 SCALE 4 : 1

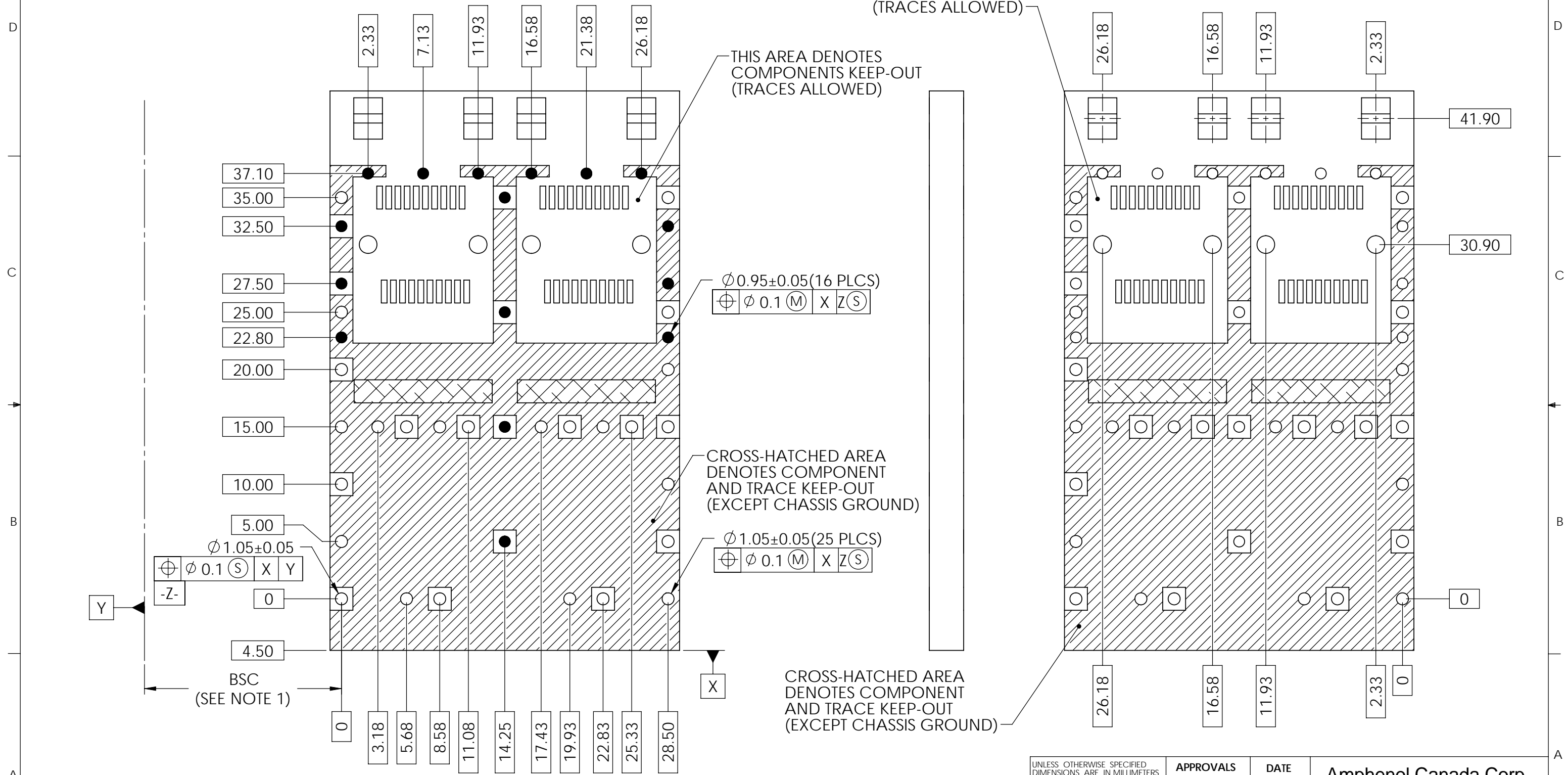
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	DRAWN J.SI	JUL21/09	
	DESIGNED		
	CHECKED		
MATERIAL AND FINISH SEE NOTE 1	QA APPD		SIZE A3
REF.	IE APPD		DWG. NO P-U77-CX41M-X081
CODE IDENT. NO 03554	DWG APPD		SCALE 2:1
			PROJECT
			SHEET 6 OF 11

- NOTES:  
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 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**

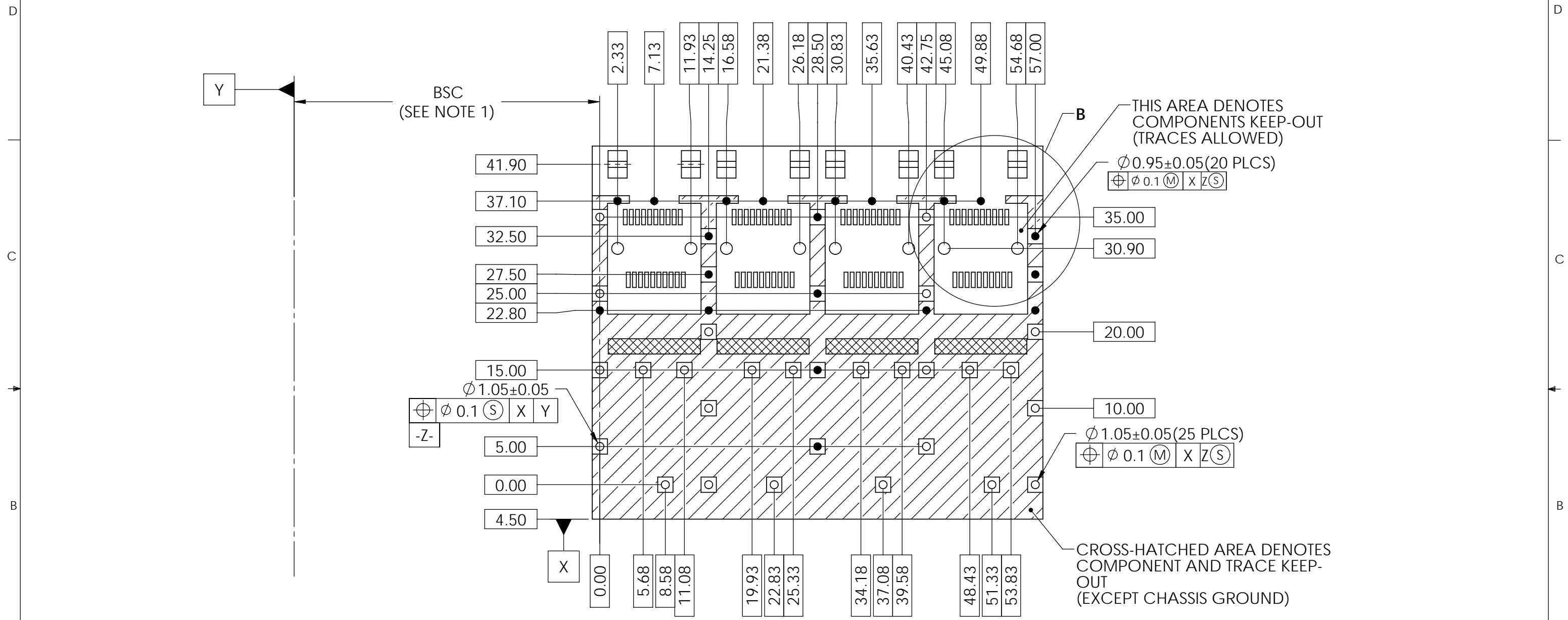
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	DRAWN	J.SI		JUL21/09
	DESIGNED			
	CHECKED			
MATERIAL AND FINISH SEE NOTE 1	QA APPD			
REF.	IE APPD			
CODE IDENT. NO. 03554	DWG APPD			
		SCALE 3:1	PROJECT	
		SIZE A3	DWG. NO. P-U77-CX41M-X081	
			REV. A	
			SHEET 7 OF 11	

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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**

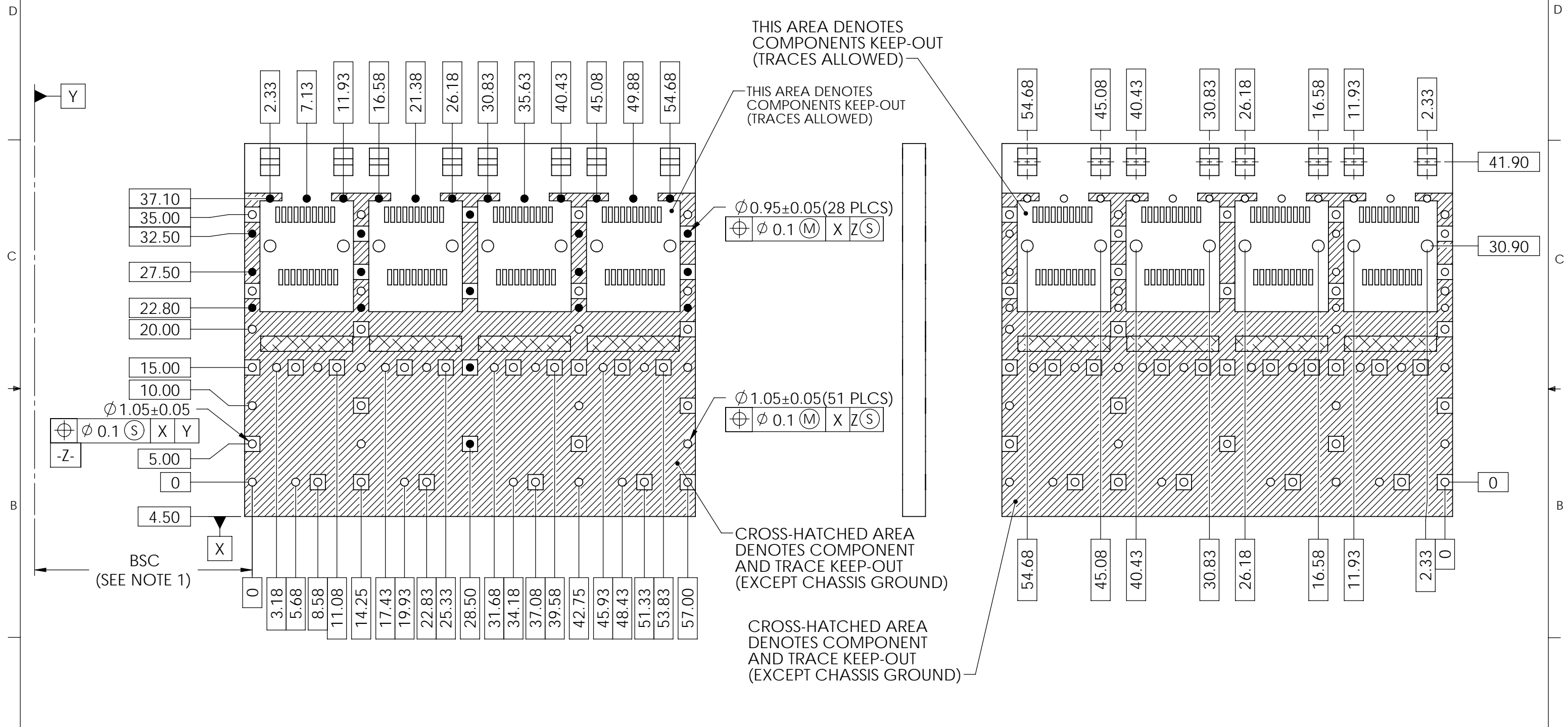
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	DRAWN            J.SI	JUL21/09	
	DESIGNED		
	CHECKED		
	QA APPD		
	IE APPD		
	DWG APPD		



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

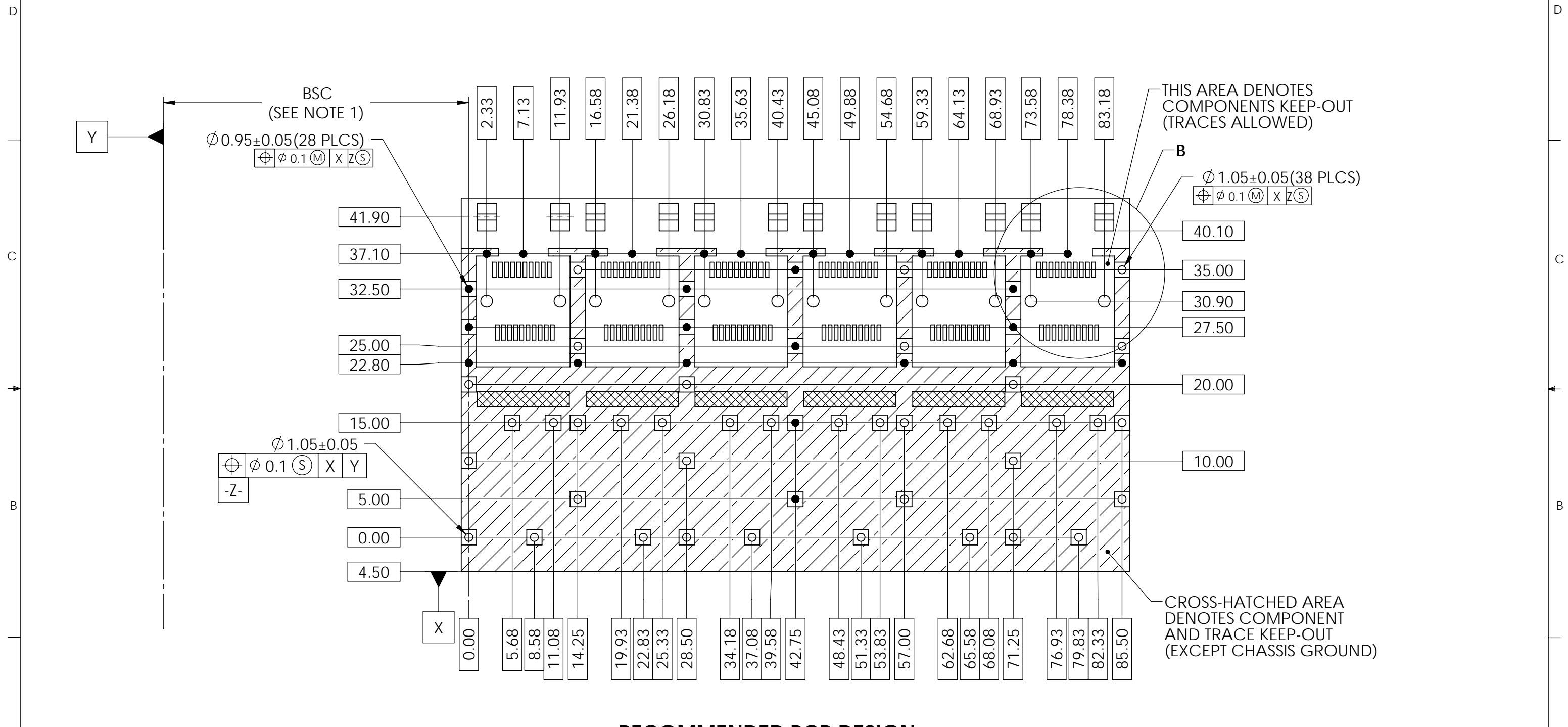
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	DRAWN J.SI	JUL21/09	
	DESIGNED		
	CHECKED		
	QA APPD		
	IE APPD		
	DWG APPD		

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

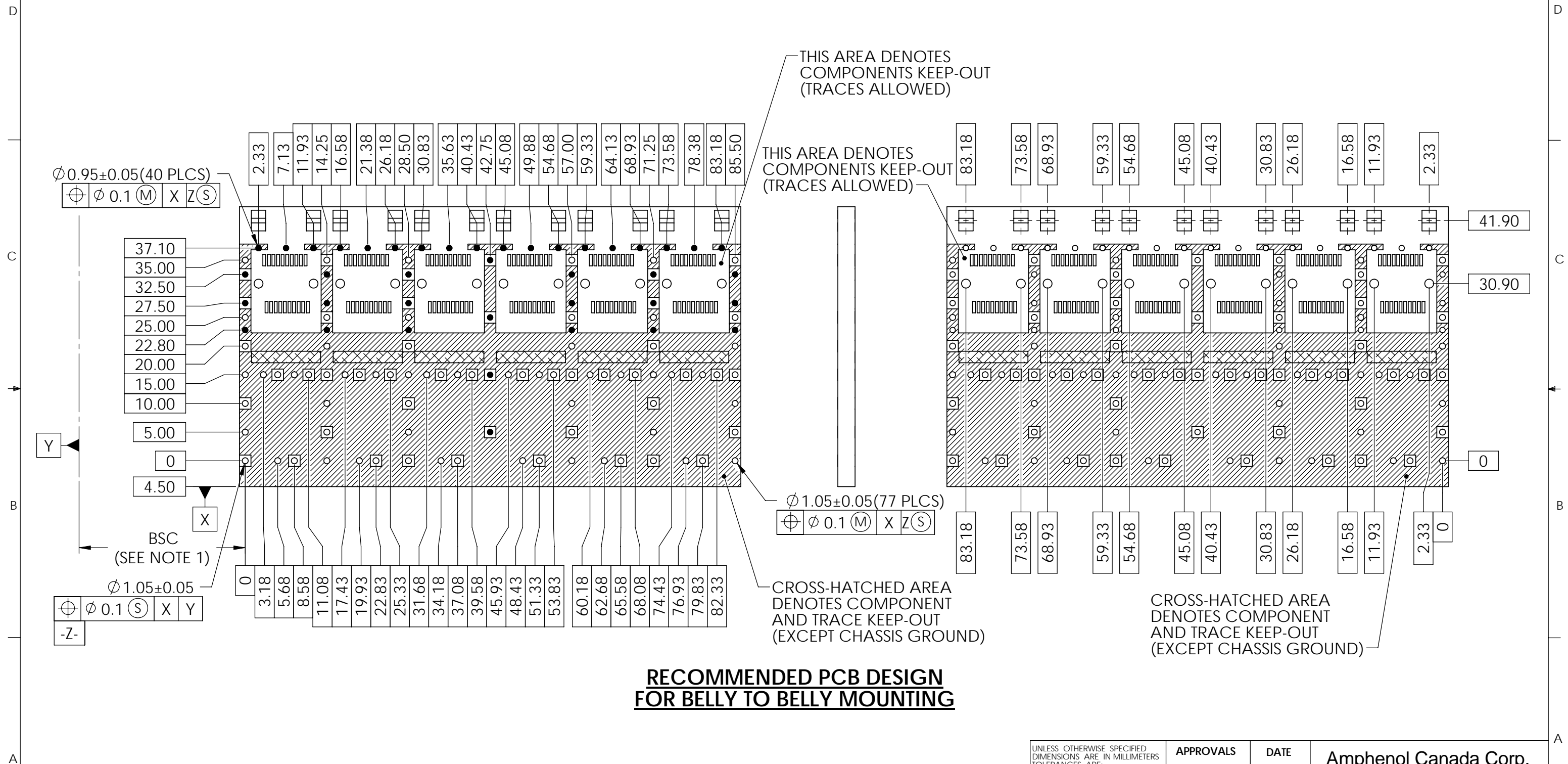
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	DRAWN      J.SI	JUL21/09		
	DESIGNED		<b>1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE</b>	
	CHECKED			
MATERIAL AND FINISH SEE NOTE 1	QA APPD		SIZE A3	DWG. NO P-U77-CX41M-X081
REF.	IE APPD		SCALE 1:1	PROJECT
CODE IDENT. NO. 03554	DWG APPD		SHEET 10 OF 11	REV. A

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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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	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	

# Mouser Electronics

Authorized Distributor

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[U77C241M2081](#) [U77C441M2081](#) [U77C641M2081](#)