

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)

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

DO NOT SCALE DRAWING

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REVISIONS

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

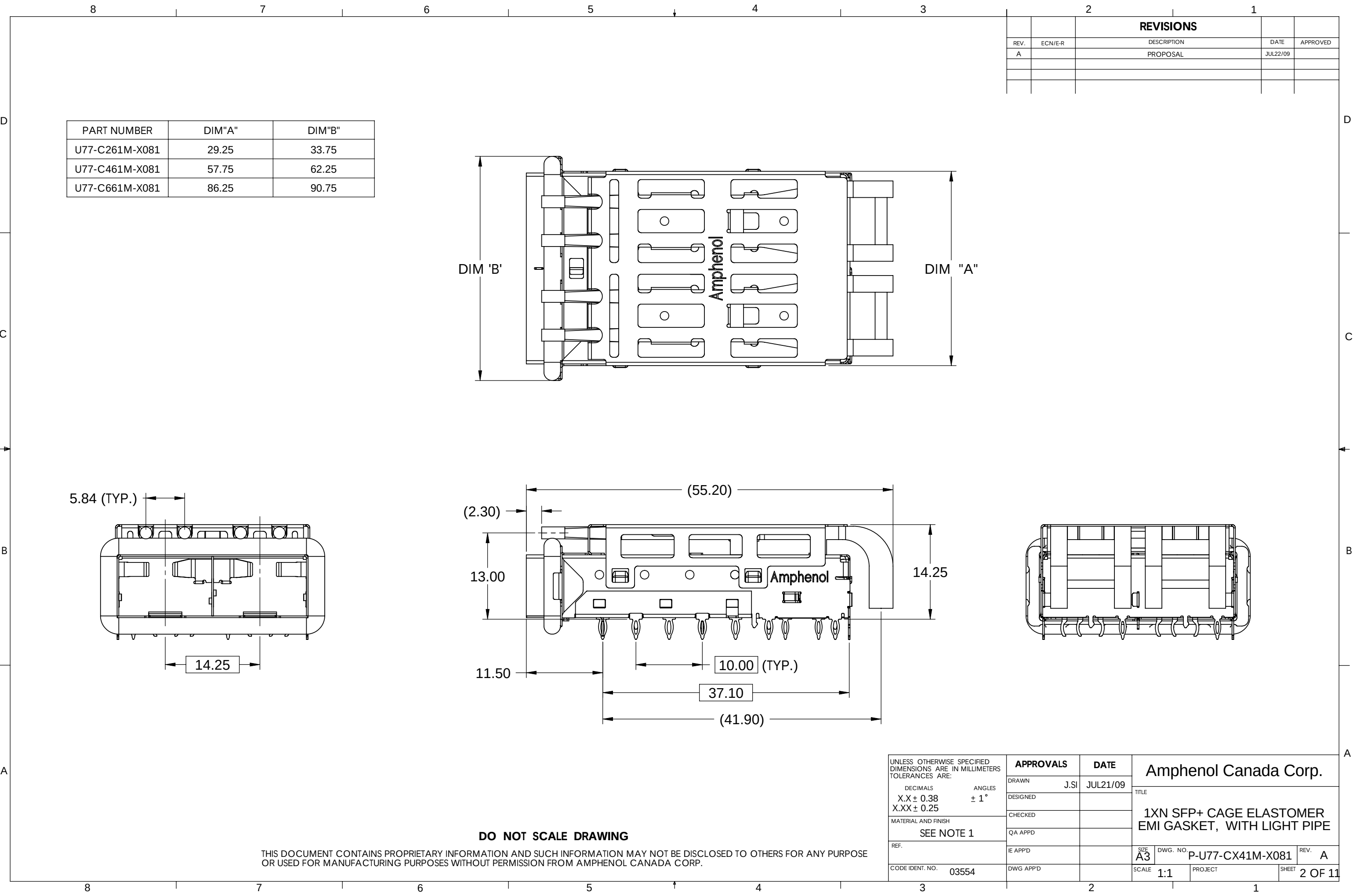


LIGHT PIPE KIT
(P/N: U77-1463-2010P)
(IF ORDER SEPARATELY)

SFP+PRESS FIT CAGE
(P/N U77-A441M-X081)
(IF ORDER SEPARATELY)

P/N: U77-C441M-X081 SHOWN

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			
MATERIAL AND FINISH SEE NOTE 1		QA APPD			
REF.		IE APPD		SIZE A3	DWG. NO. P-U77-CX41M-X081
CODE IDENT. NO. 03554		DWG APPD		SCALE 3:2	PROJECT
				SHEET 1 OF 11	REV. A



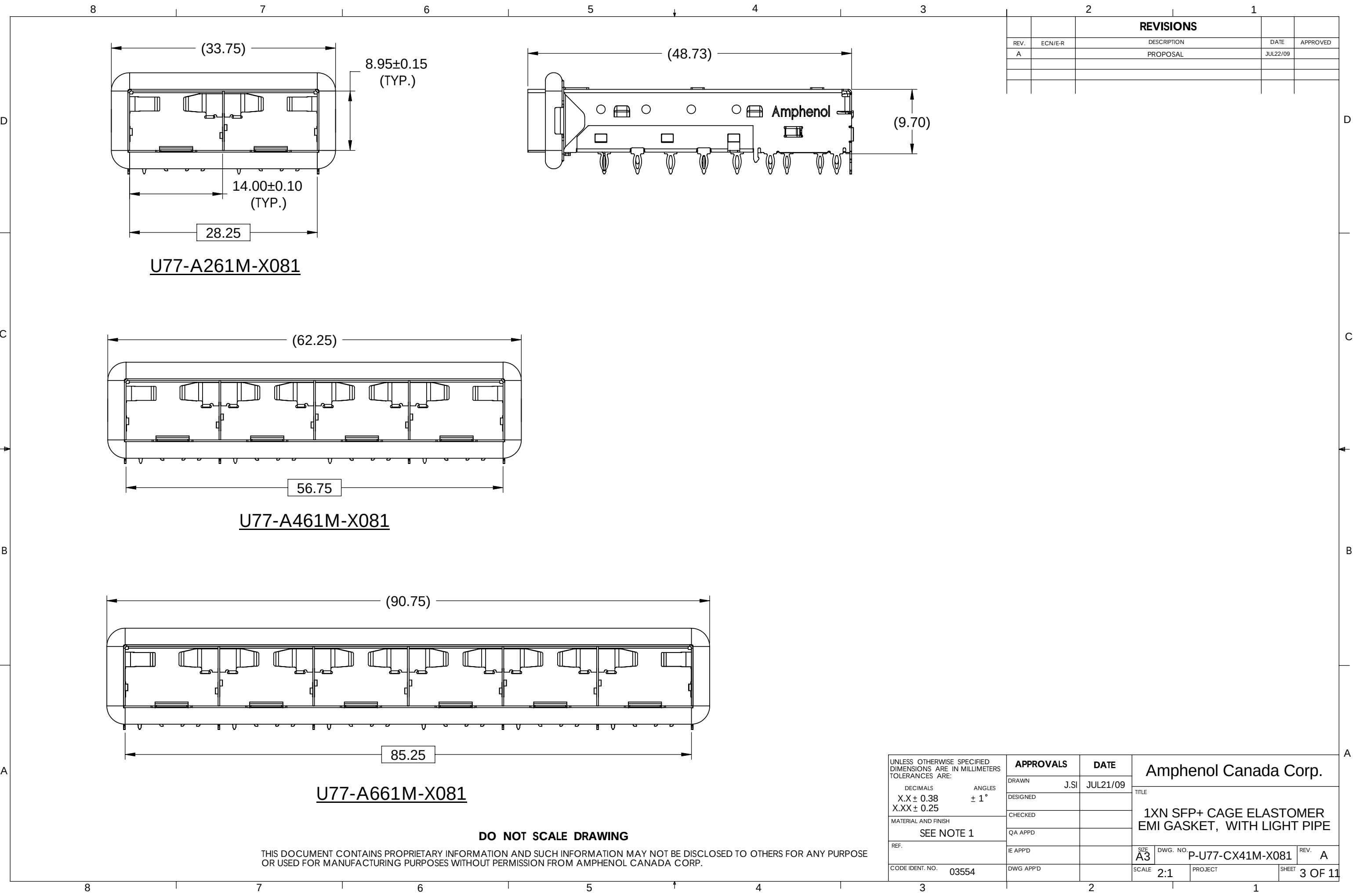
PART NUMBER	DIM"A"	DIM"B"
U77-C261M-X081	29.25	33.75
U77-C461M-X081	57.75	62.25
U77-C661M-X081	86.25	90.75

REVISIONS				
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A		PROPOSAL	JUL22/09	

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

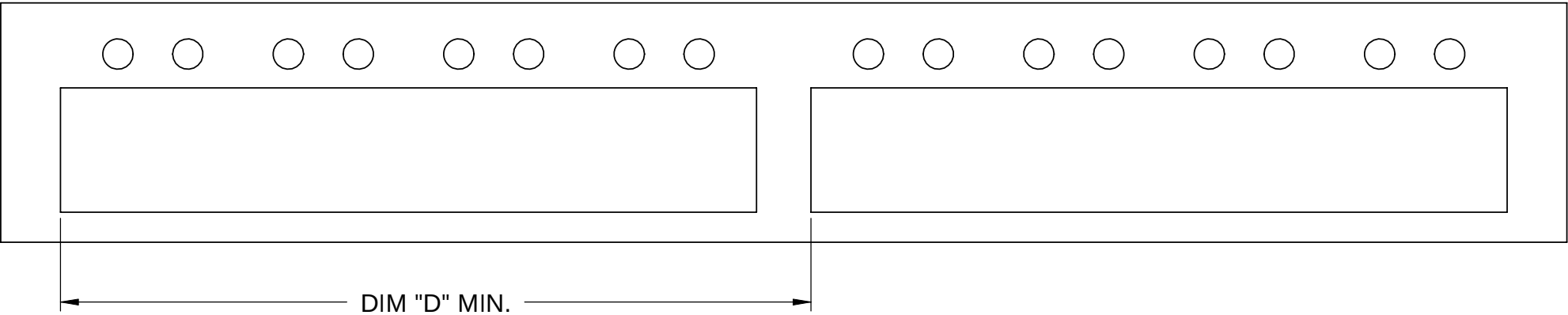
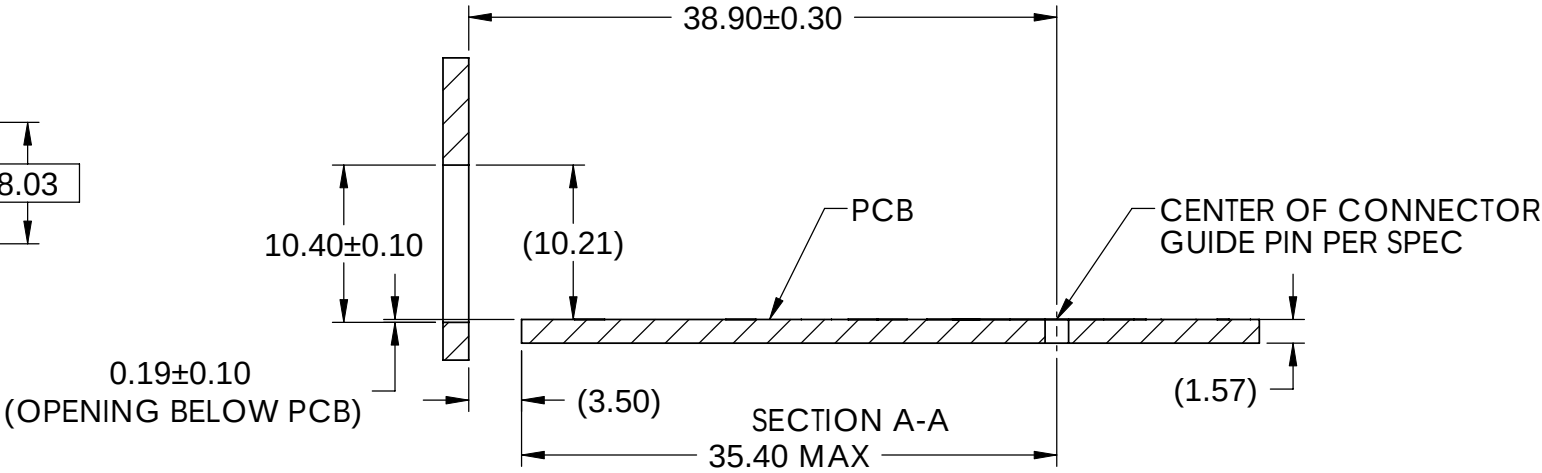
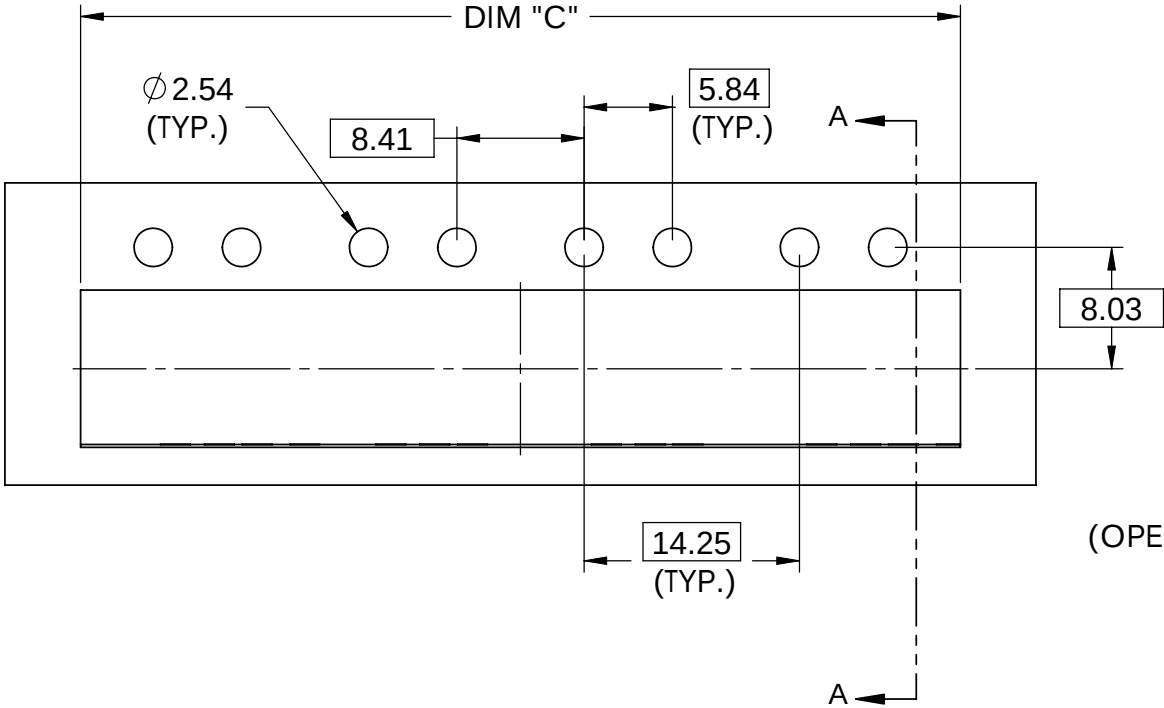
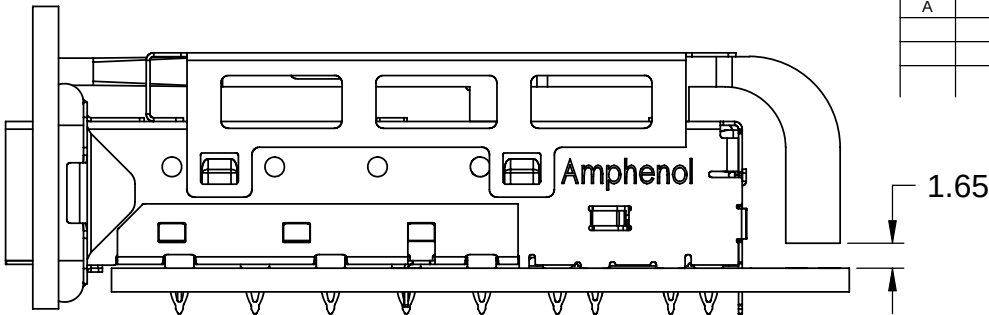
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PART NUMBER	DIM "C"	DIM "D"
U77-C241M-X081	29.70	34.25
U77-C441M-X081	58.20	62.75
U77-C641M-X081	86.70	91.25

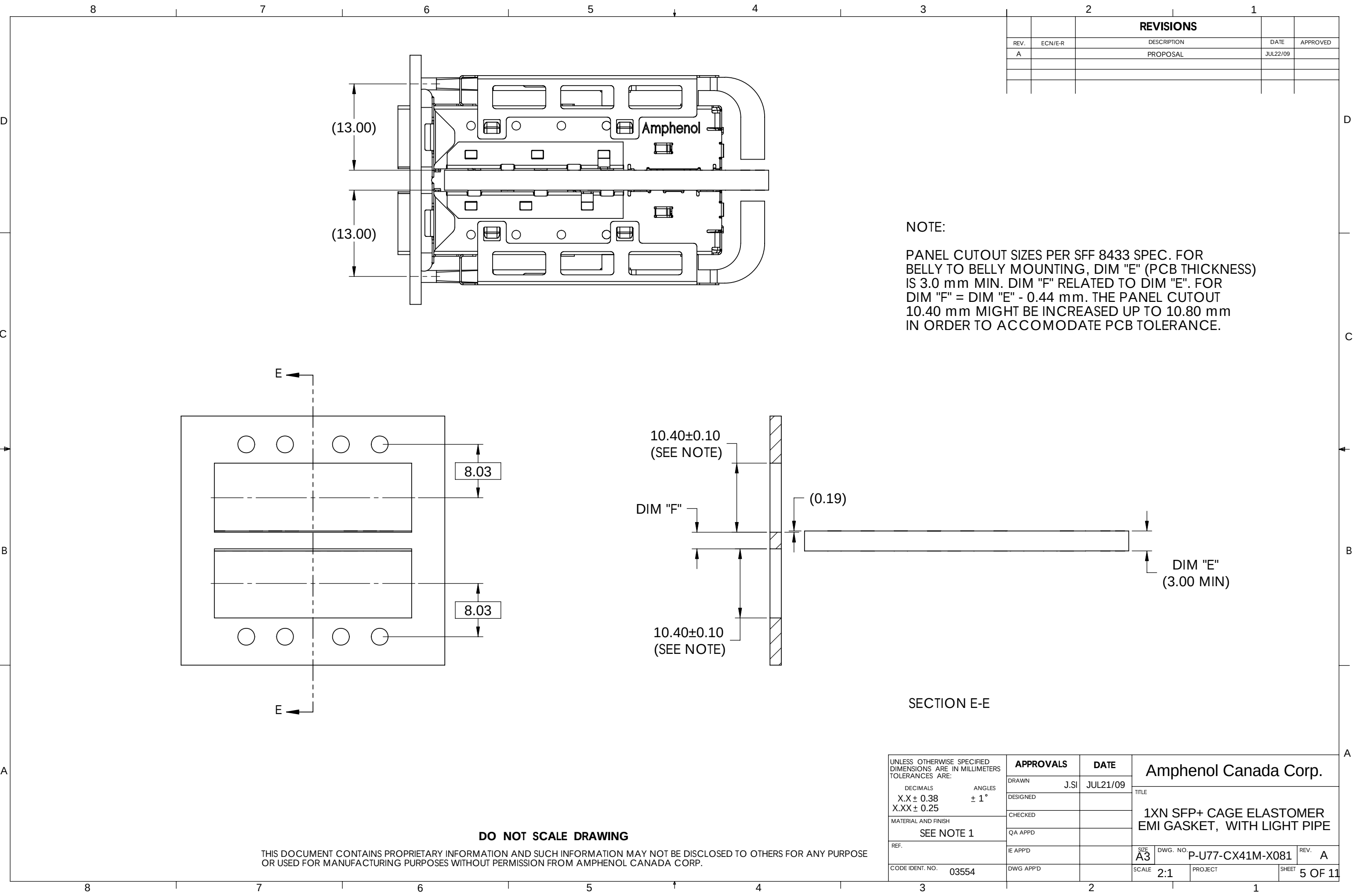
REVISIONS				
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		DRAWN J.SI	JUL21/09		
		DESIGNED			
		CHECKED		1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE	
MATERIAL AND FINISH SEE NOTE 1		QA APPD			
REF.		IE APPD		SIZE A3	DWG. NO. P-U77-CX41M-X081
CODE IDENT. NO. 03554		DWG APPD		SCALE 2:1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



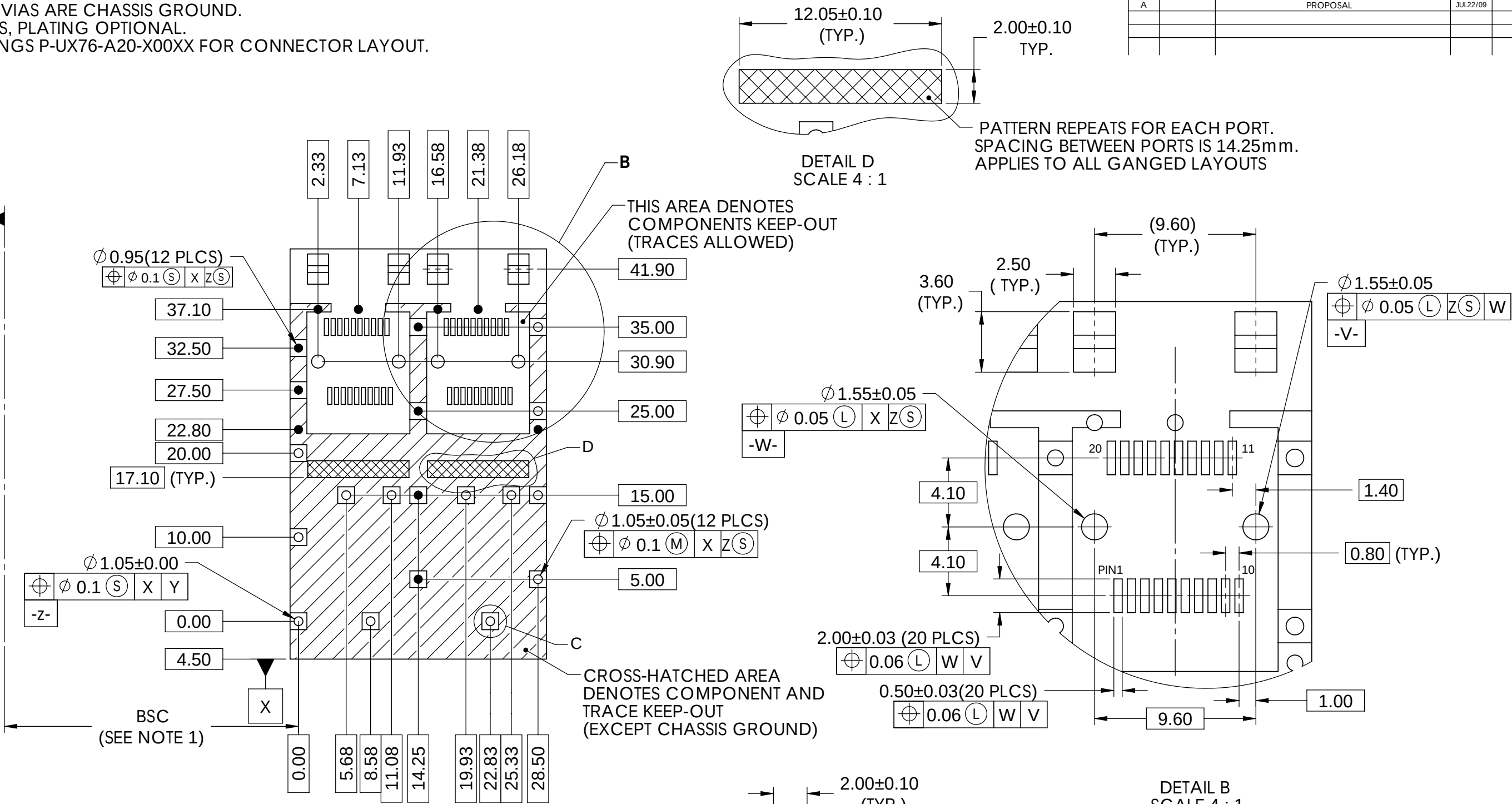
REVISIONS				
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NOTE:
PANEL CUTOUT SIZES PER SFF 8433 SPEC. FOR BELLY TO BELLY MOUNTING, DIM "E" (PCB THICKNESS) IS 3.0 mm MIN. DIM "F" RELATED TO DIM "E". FOR DIM "F" = DIM "E" - 0.44 mm. THE PANEL CUTOUT 10.40 mm MIGHT BE INCREASED UP TO 10.80 mm IN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

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		DRAWN J.SI	JUL21/09		
		DESIGNED			
		CHECKED		1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE	
MATERIAL AND FINISH SEE NOTE 1		QA APPD			
REF.		IE APPD		SIZE A3	DWG. NO. P-U77-CX41M-X081
CODE IDENT. NO. 03554		DWG APPD		SCALE 2:1	PROJECT
				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				
REV.	ECN/E-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	JUL22/09	



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

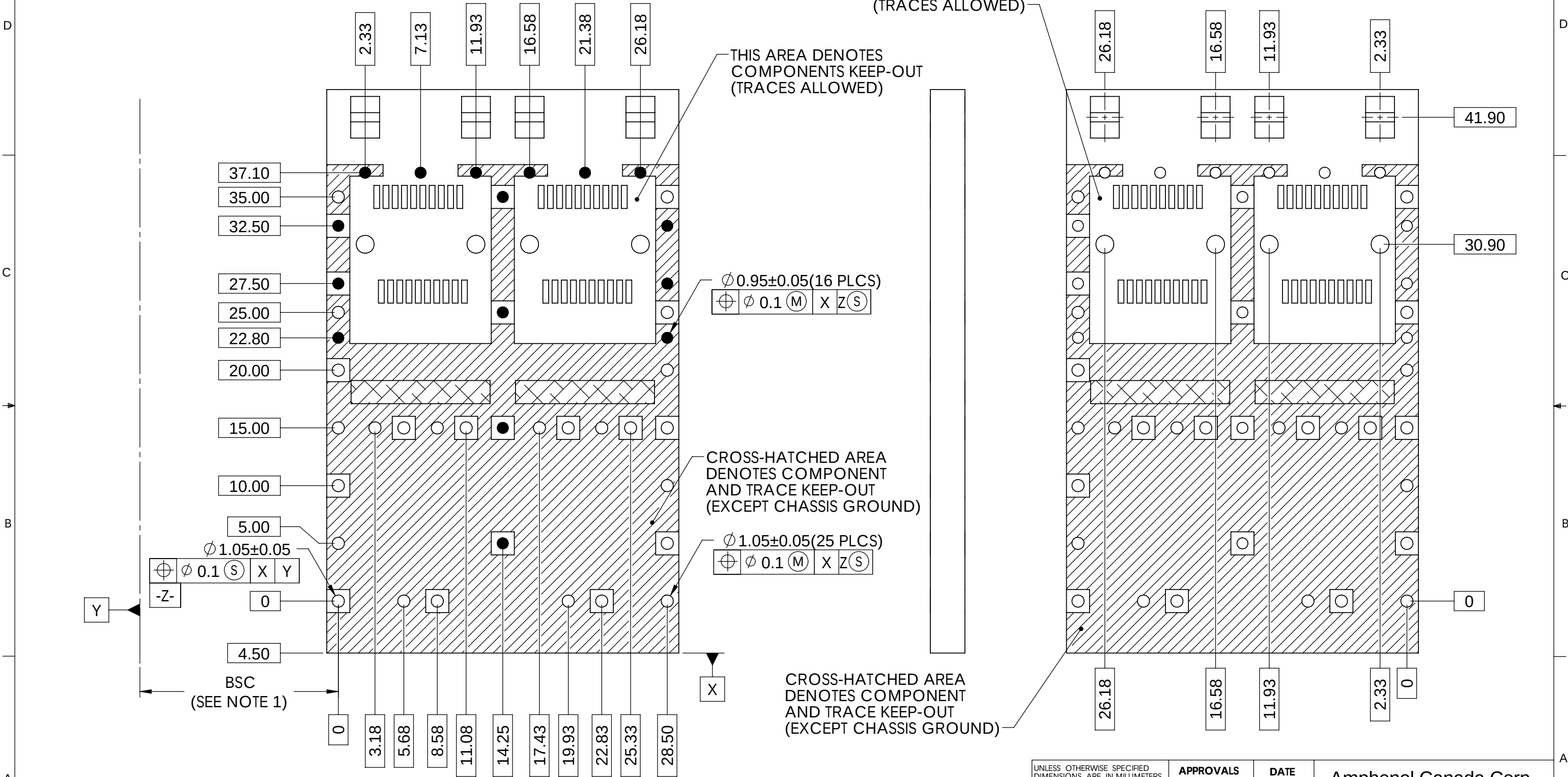
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DECIMALS	ANGLES	DRAWN	J.SI	JUL21/09	1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE	
X.X ± 0.38	± 1°	DESIGNED				
X.XX ± 0.25		CHECKED				
MATERIAL AND FINISH		QA APPD				
SEE NOTE 1		IE APPD			SIZE A3	DWG. NO. P-U77-CX41M-X081
REF.		DWG APPD			SCALE 2:1	PROJECT
CODE IDENT. NO. 03554					SHEET 6 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				
REV.	ECN/E-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	JUL22/09	



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

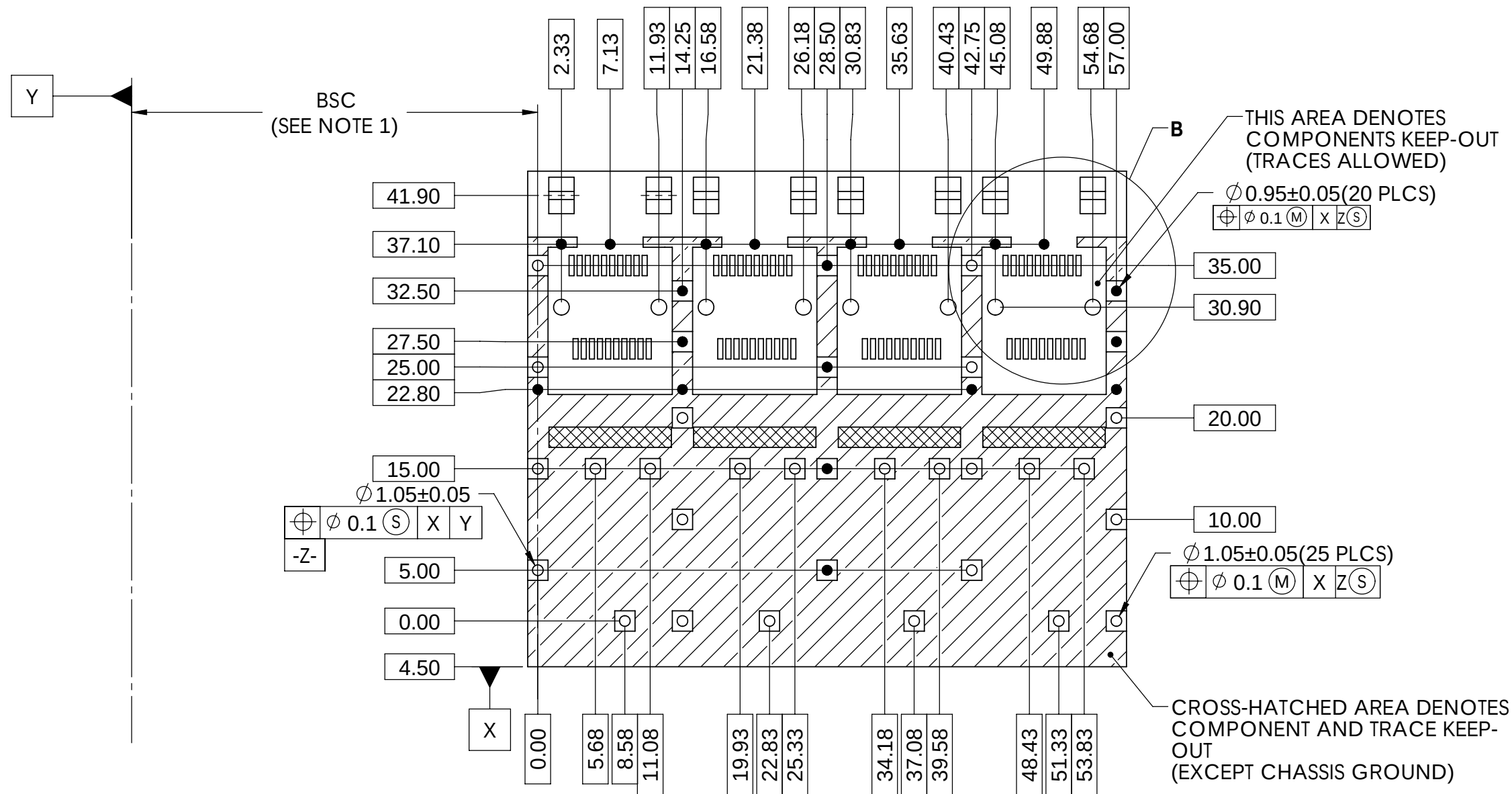
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		DRAWN J.SI	JUL21/09	TITLE	
		DESIGNED		1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE	
		CHECKED			
MATERIAL AND FINISH SEE NOTE 1		QA APPD			
REF.		IE APPD		SIZE A3	DWG. NO. P-U77-CX41M-X081
CODE IDENT. NO. 03554		DWG APPD		SCALE 3:1	PROJECT SHEET 7 OF 11

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	



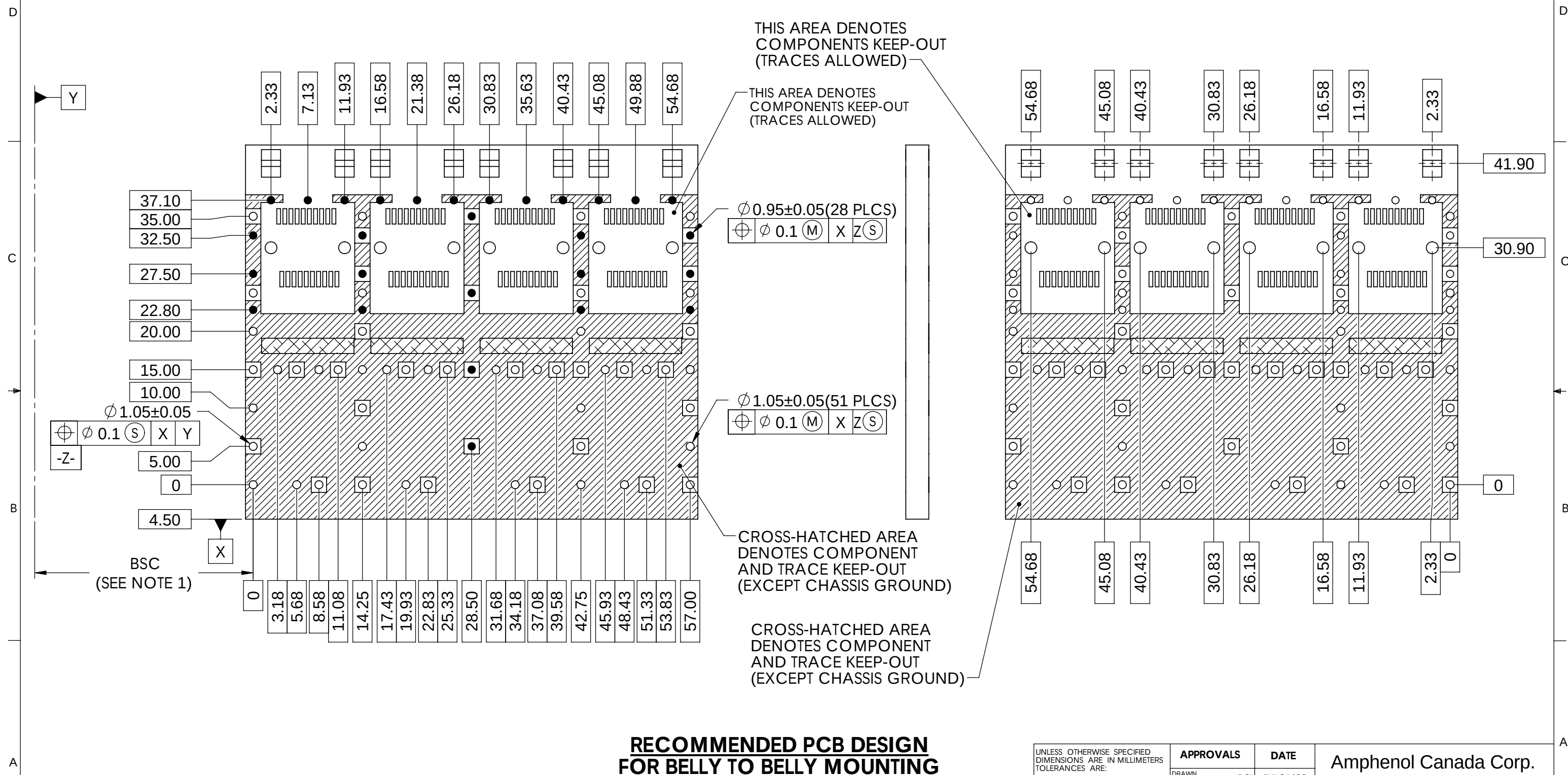
RECOMMENDED PCB DESIGN
FOR SINGLE SIDE MOUNTING
(P/N U77-C461M-X081)

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DECIMALS X.X ± 0.38 X.XX ± 0.25	ANGLES ± 1°	DRAWN J.SI	JUL21/09	TITLE			
MATERIAL AND FINISH SEE NOTE 1		CHECKED		1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE			
		QA APPD					
REF.		IE APPD		SIZE A3	DWG. NO. P-U77-CX41M-X081	REV. A	
CODE IDENT. NO.	03554	DWG APP'D		SCALE 1:1	PROJECT	SHEET	8 OF 11

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	



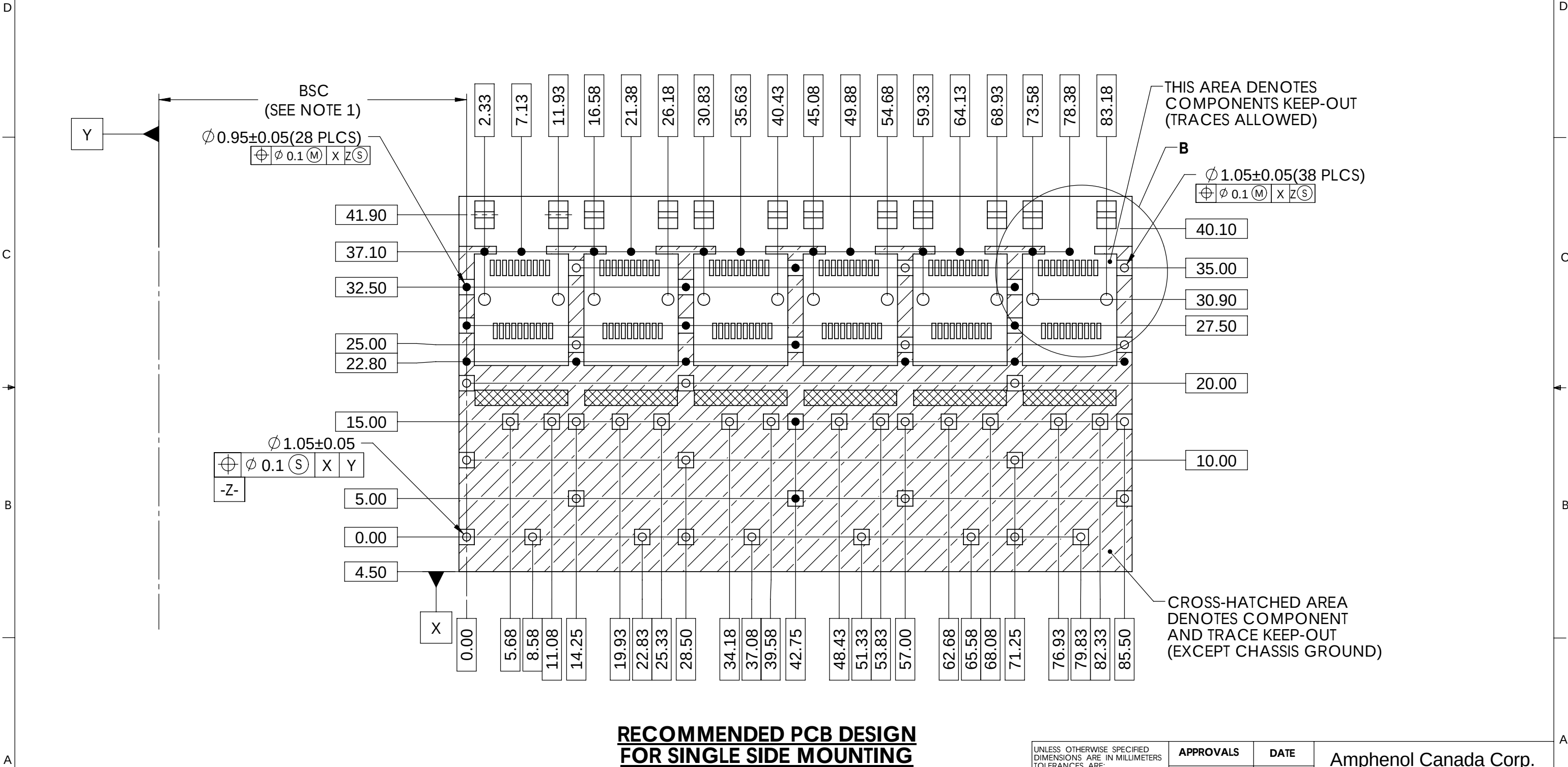
RECOMMENDED PCB DESIGN FOR BELLY TO BELLY MOUNTING

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		DRAWN J.SI		JUL21/09							
MATERIAL AND FINISH SEE NOTE 1		DESIGNED				TITLE 1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE					
		CHECKED									
		QA APPD									
REF.		IE APP'D				SIZE A3		DWG. NO P-U77-CX41M-X081		REV. A	
CODE IDENT. NO. 03554		DWG APP'D				SCALE 2:1		PROJECT		SHEET 9 OF 1	

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

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		DRAWN J.SI	JUL21/09	1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE	
		DESIGNED			
		CHECKED			
		QA APPD			
		IE APPD			
		DWG APPD			
		SIZE A3	DWG. NO. P-U77-CX41M-X081	REV. A	
		SCALE 1:1	PROJECT	SHEET 10 OF 11	

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



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DECIMALS ANGLES $X.X \pm 0.38$ $X.XX \pm 0.25$ $\pm 1^\circ$		DRAWN	J.SI	JUL21/09	TITLE 1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE				
MATERIAL AND FINISH SEE NOTE 1		DESIGNED							
		CHECKED							
		QA APPD							
REF.		IE APP'D			SIZE A3	DWG. NO. P-U77-CX41M-X081	REV. A		
CODE IDENT. NO. 03554		DWG APP'D			SCALE 3:2	PROJECT	SHEET 11 OF 11		