

MATERIAL:

CAGE:
COPPER ALLOY

PLATING OPTION X=2:
2.54um MIN. NICKEL

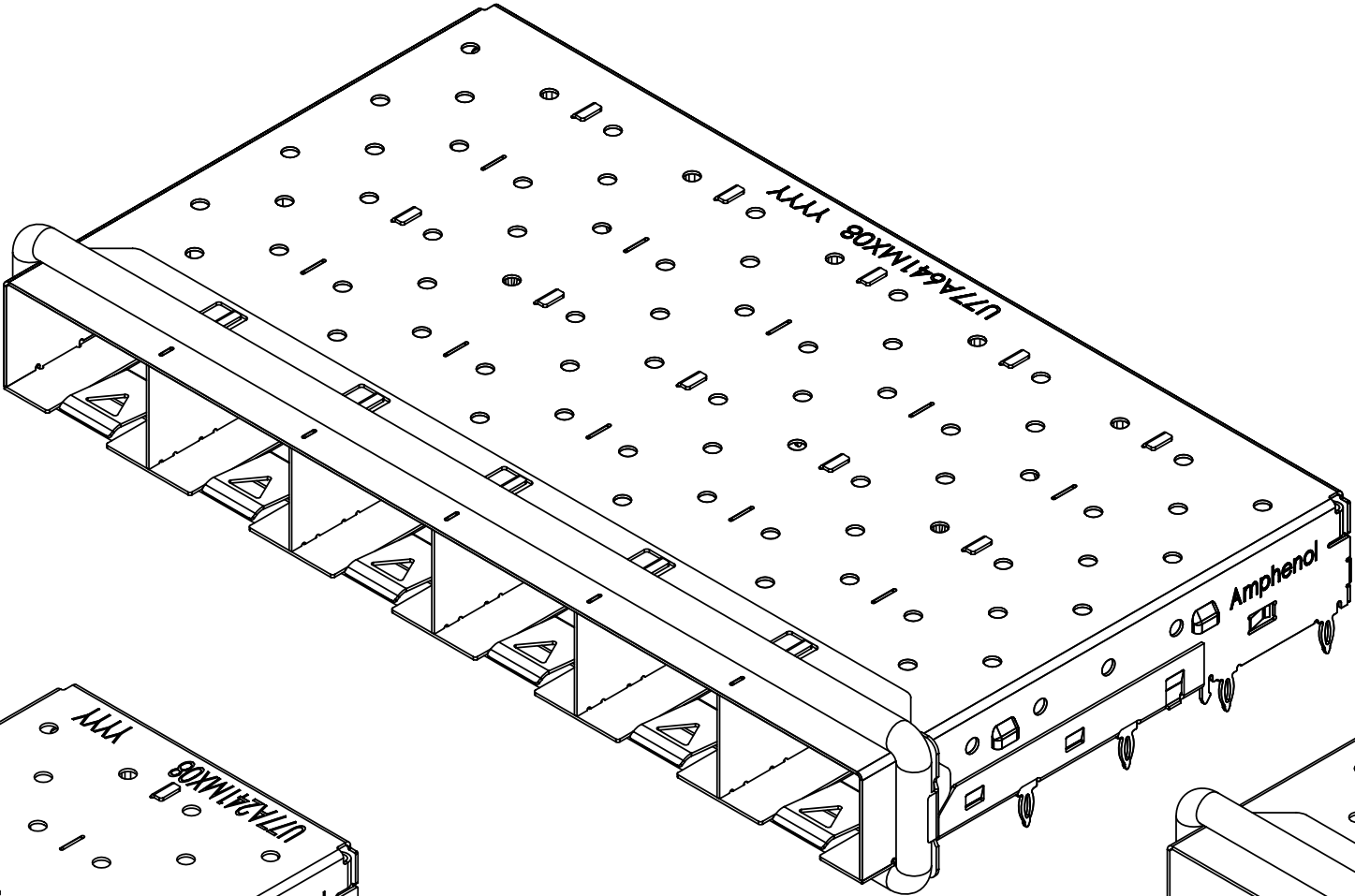
PLATING OPTION X=3:
3.81um MIN. MATTE TIN
OVER 1.27um MIN. NICKEL.

GASKET:
CONDUCTIVE ELASTOMER
FLAMMABILITY RATING
UL94-V0

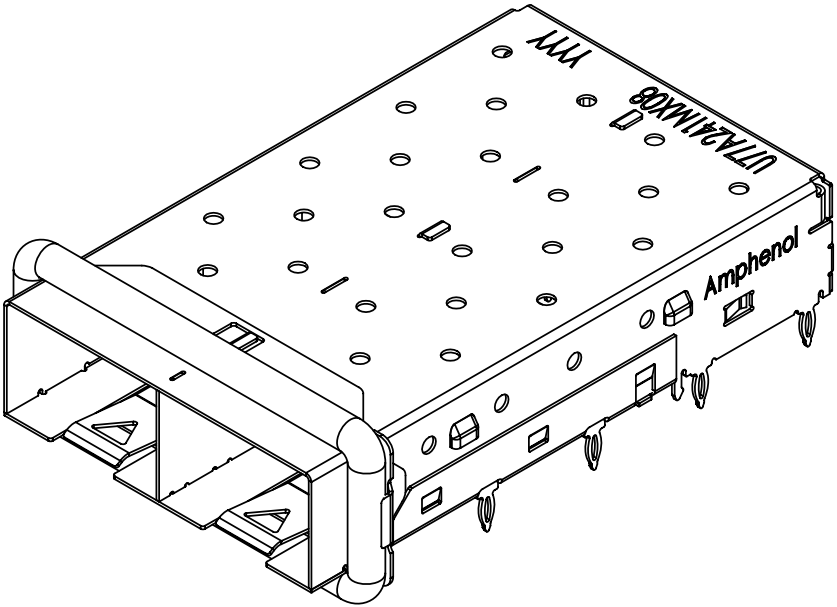
PACKAGING:
TRAY PACKAGING

TEMPERATURE RANGE:
-40C TO +85C

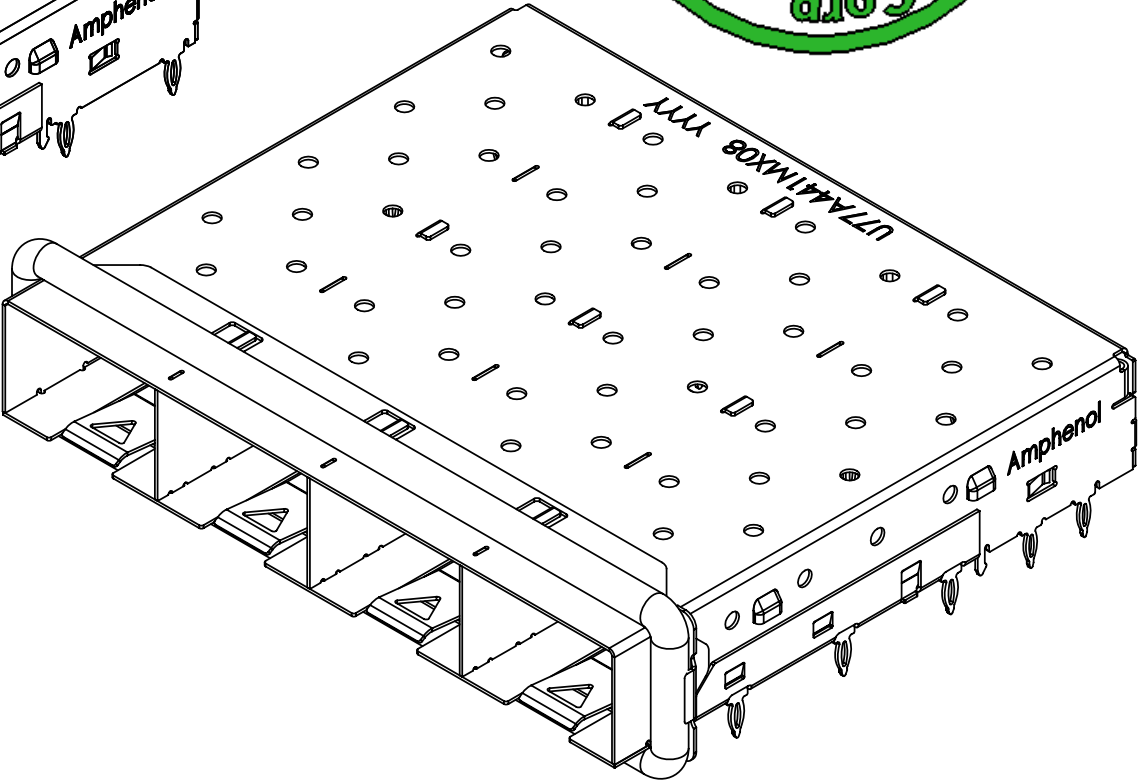
REVISIONS				
REV.	ECN/E-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR26/09	
B		UPDATED	JUL14/09	
C		B-B APPLICATION SPECIFIED	AUG14/09	



P/N: U77-A641M-X081 SHOWN



P/N: U77-A241M-X081 SHOWN



P/N: U77-A441M-X081 SHOWN

AMPHENOL PART NUMBER CONFIGURATION

U77 - A 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

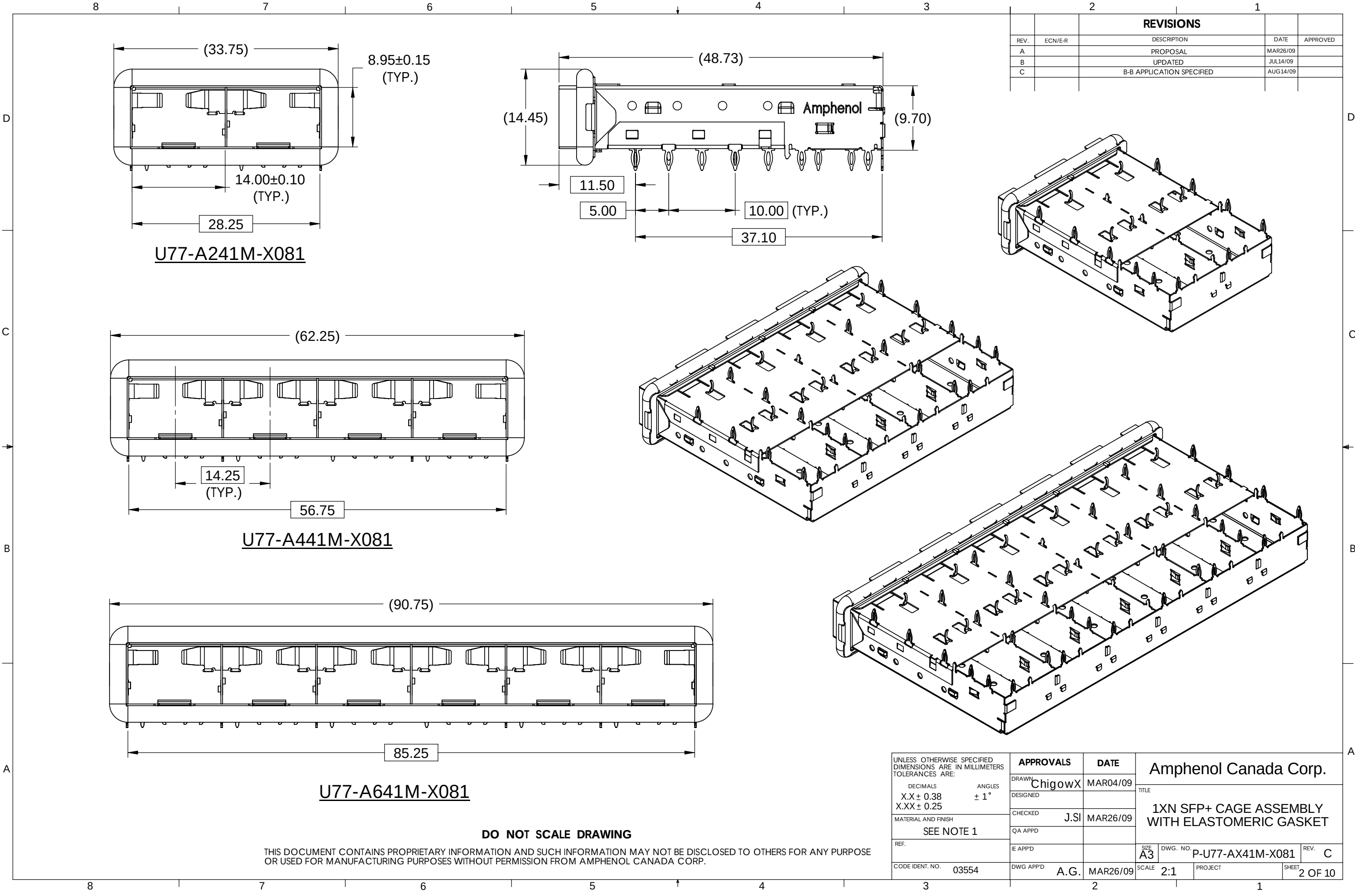
NOTE:

PRODUCT COMLIES WITH SFF 8433 SPEC.

DO NOT SCALE DRAWING

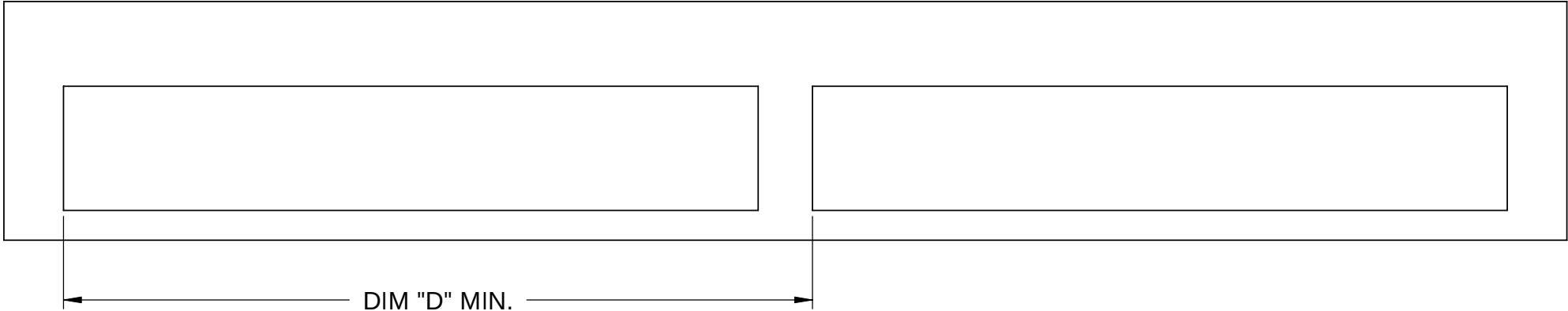
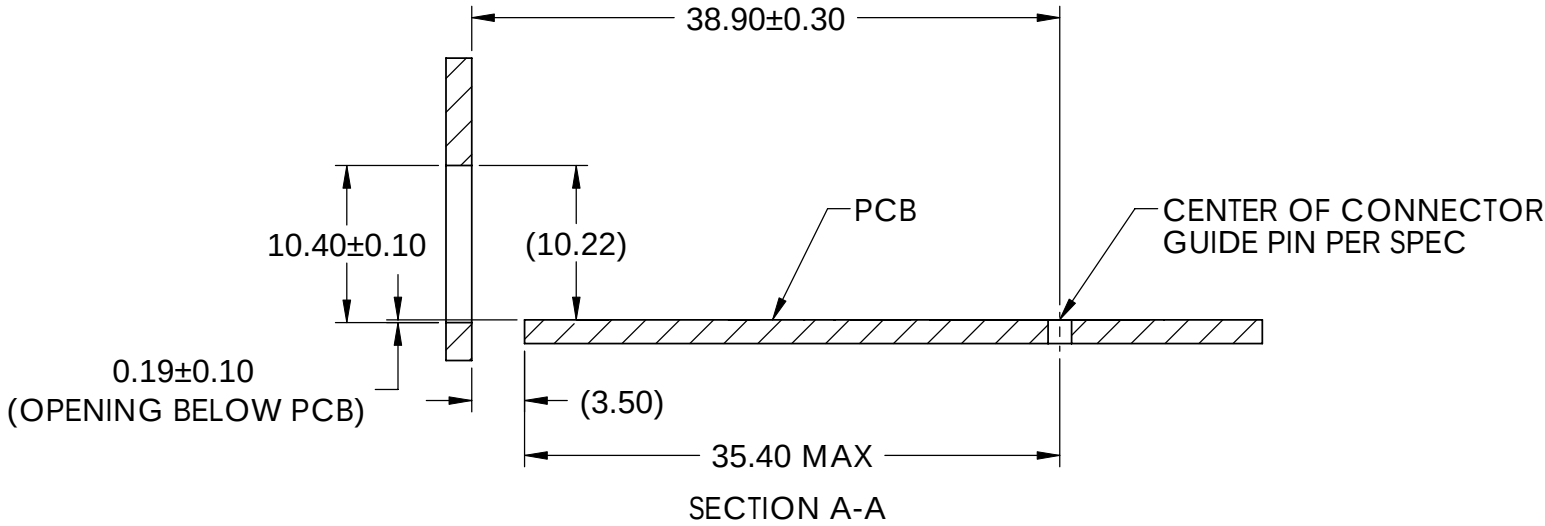
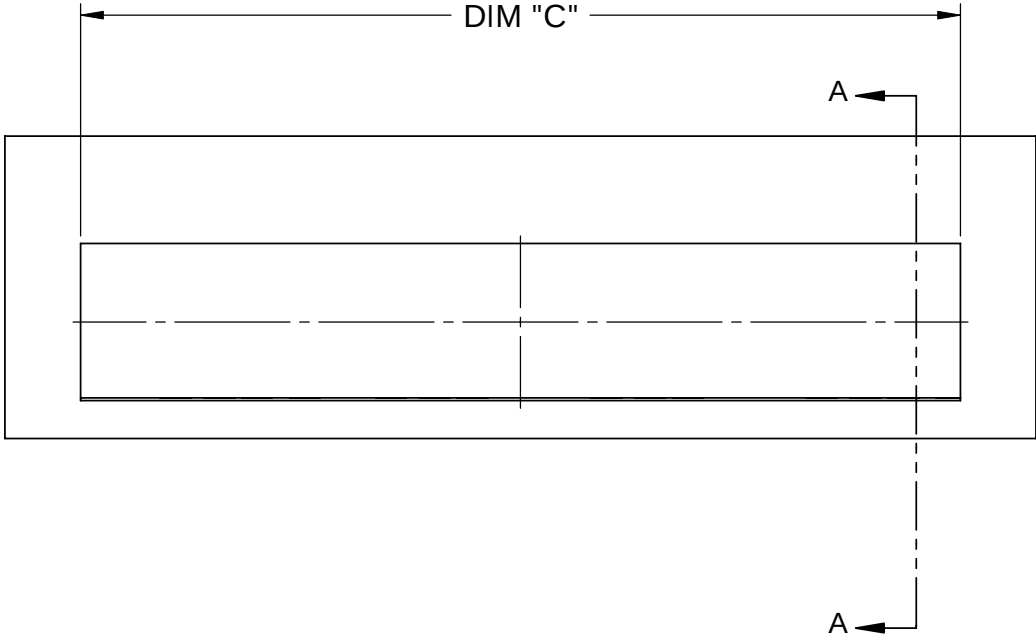
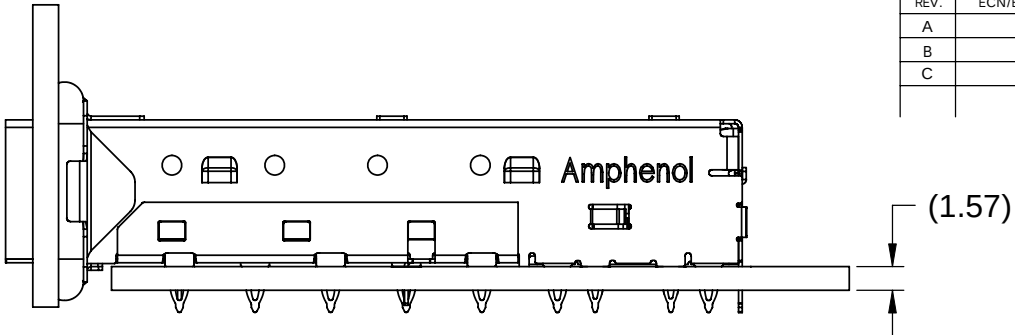
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS ANGLES X.X ± 0.38 ± 1° X.XX ± 0.25		APPROVALS		DATE	Amphenol Canada Corp.		
		DRAWN ChigowX	DESIGNED	MAR04/09			
MATERIAL AND FINISH SEE NOTE 1		CHECKED J.SI	QA APPD	MAR26/09	1XN SFP+ CAGE ASSEMBLY WITH ELASTOMERIC GASKET		
REF.		IE APPD					
CODE IDENT. NO. 03554		DWG APPD A.G.		MAR26/09	SIZE A3	DWG. NO. P-U77-AX41M-X081	REV. C
		SCALE 2:1	PROJECT		SHEET 1 OF 10		



PART NUMBER	DIM "C"	DIM "D"
U77-A241M-X091	29.70	34.25
U77-A441M-X091	58.20	62.75
U77-A641M-X091	86.70	91.25

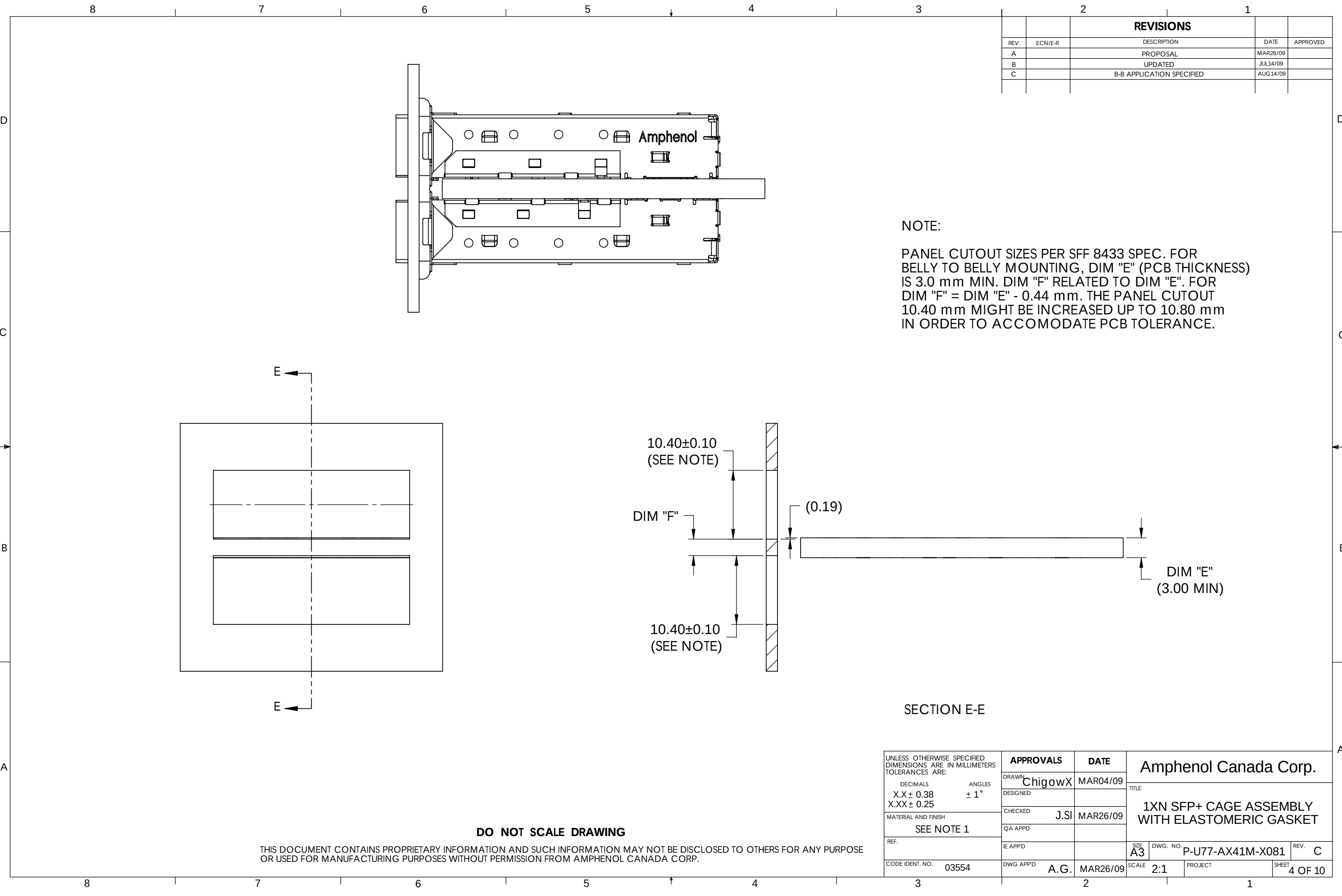
REVISIONS				
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A		PROPOSAL	MAR26/09	
B		UPDATED	JUL14/09	
C		B-B APPLICATION SPECIFIED	AUG14/09	



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		DRAWN ChigowX	MAR04/09		
		DESIGNED			
		CHECKED J.SI	MAR26/09	1XN SFP+ CAGE ASSEMBLY WITH ELASTOMERIC GASKET	
MATERIAL AND FINISH SEE NOTE 1		QA APPD			
REF.		IE APPD		SIZE A3	DWG. NO. P-U77-AX41M-X081
CODE IDENT. NO. 03554		DWG APPD A.G.	MAR26/09	SCALE 2:1	PROJECT SHEET 3 OF 10



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.

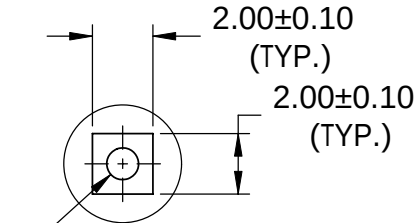
SECTION E-E

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 ChigowX	MAR04/09			
		DESIGNED				
		CHECKED J.SI	MAR26/09	1XN SFP+ CAGE ASSEMBLY WITH ELASTOMERIC GASKET		
MATERIAL AND FINISH SEE NOTE 1		QA APPD				
REF.		IE APPD		SIZE A3	DWG. NO. P-U77-AX41M-X081	REV. C
CODE IDENT. NO. 03554		DWG APPD A.G.	MAR26/09	SCALE 2:1	PROJECT	SHEET 4 OF 10

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(ϕ 1.05) —

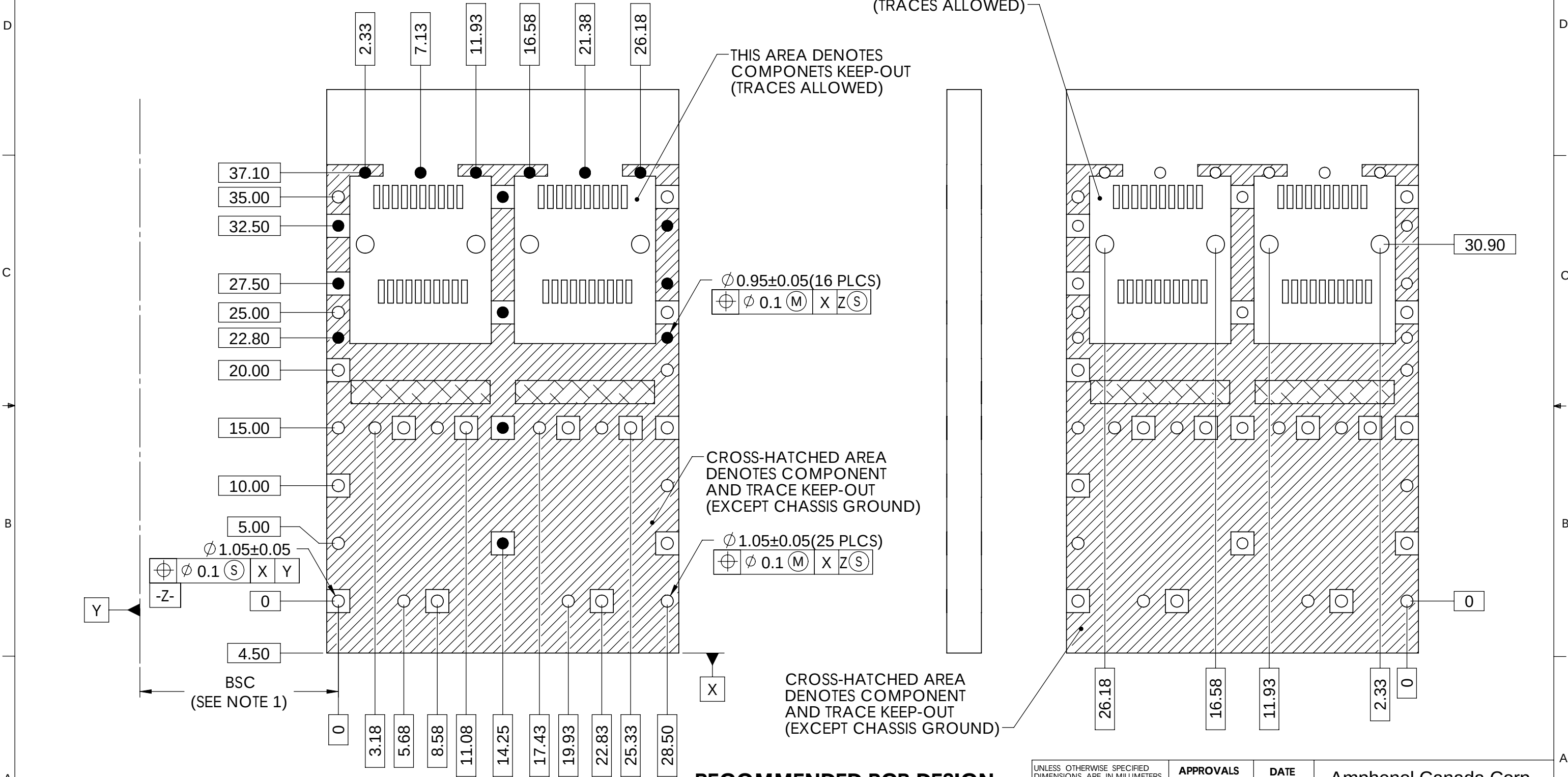
DETAIL C
SCALE 4 : 1

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE		Amphenol Canada Corp.			
DECIMALS ANGLES X.X ± 0.38 ± 1° X.XX ± 0.25		DRAWN ChigowX		MAR04/09		TITLE 1XN SFP+ CAGE ASSEMBLY WITH ELASTOMERIC GASKET			
		DESIGNED							
MATERIAL AND FINISH SEE NOTE 1		CHECKED J.SI		MAR26/09					
		QA APP'D							
REF.		IE APP'D				SIZE A3	DWG. NO. P-U77-AX41M-X081	REV. C	
CODE IDENT. NO. 03554		DWG APP'D A.G.		MAR26/09		SCALE 2:1	PROJECT	SHEET 5 OF 10	

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- 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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C		B-B APPLICATION SPECIFIED	AUG14/09	



**RECOMMENDED PCB DESIGN
FOR BELLY TO BELLY MOUNTING
(P/N U77-A241M-X081)**

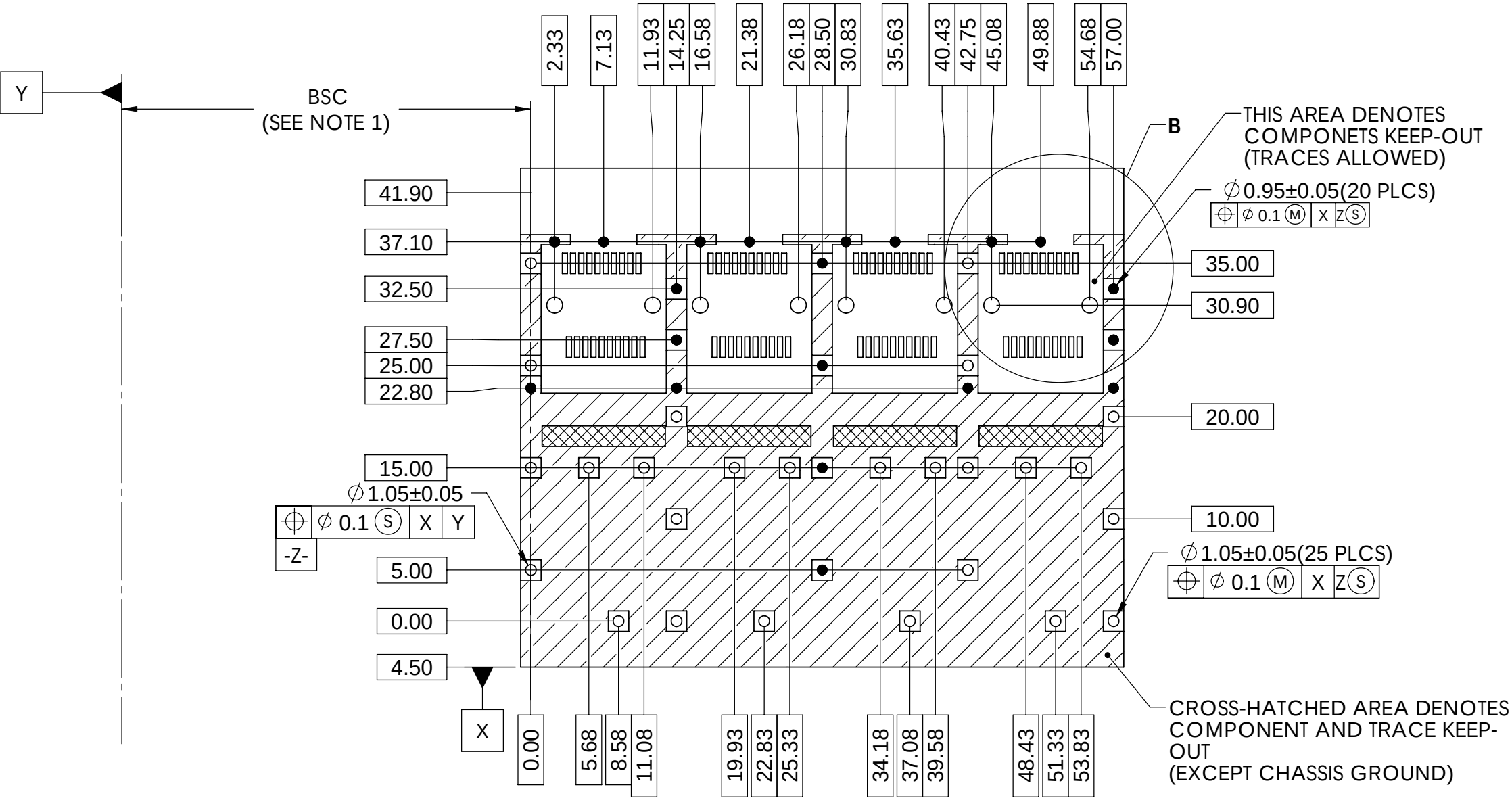
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		DRAWN ChigowX	MAR04/09	TITLE	
MATERIAL AND FINISH SEE NOTE 1		CHECKED J.SI	MAR26/09	1XN SFP+ CAGE ASSEMBLY WITH ELASTOMERIC GASKET	
REF.		QA APPD			
CODE IDENT. NO. 03554		IE APPD		SIZE A3	DWG. NO. P-U77-AX41M-X081
		DWG APPD A.G.	MAR26/09	SCALE 3:1	PROJECT
					SHEET 6 OF 10

NOTES:
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2. PADS AND VIAS ARE CHASSIS GROUND.
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4. SEE DRAWINGS P-UX76-A20-X00XX FOR CONNECTOR LAYOUT.

REVISIONS				
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C		B-B APPLICATION SPECIFIED	AUG14/09	



**RECOMMENDED PCB DESIGN
FOR SINGLE SIDE MOUNTING
(P/N U77-A441M-X081)**

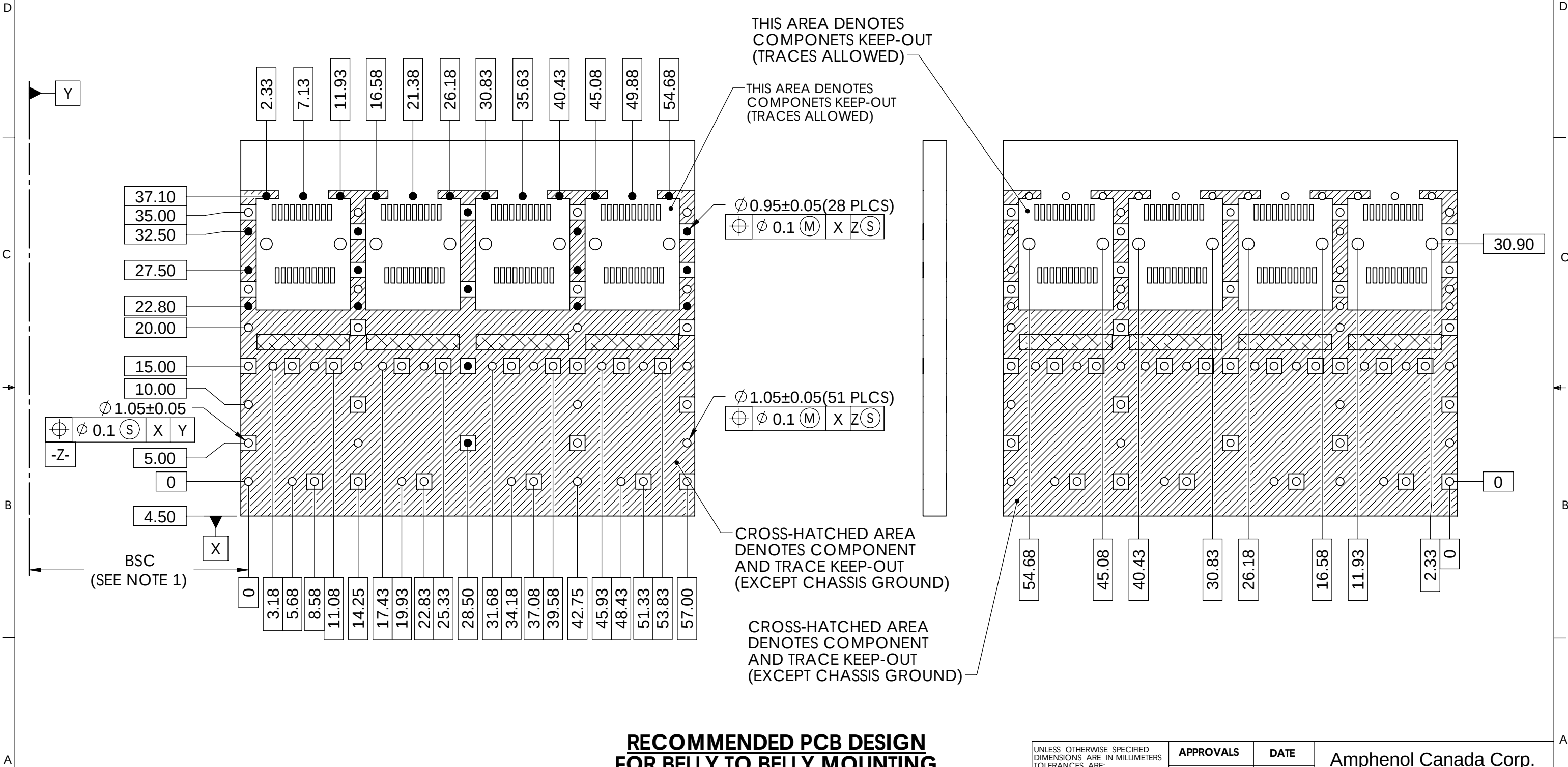
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		DRAWN ChigowX		MAR04/09					
		DESIGNED				1XN SFP+ CAGE ASSEMBLY WITH ELASTOMERIC GASKET			
		CHECKED J.SI		MAR26/09					
QA APPD									
IE APPD				SIZE A3	DWG. NO. P-U77-AX41M-X081		REV. C		
CODE IDENT. NO. 03554		DWG APP'D A.G.		MAR26/09		SCALE 1:1	PROJECT		SHEET 7 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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C		B-B APPLICATION SPECIFIED	AUG14/09	



**RECOMMENDED PCB DESIGN
FOR BELLY TO BELLY MOUNTING
(P/N U77-A441M-X081)**

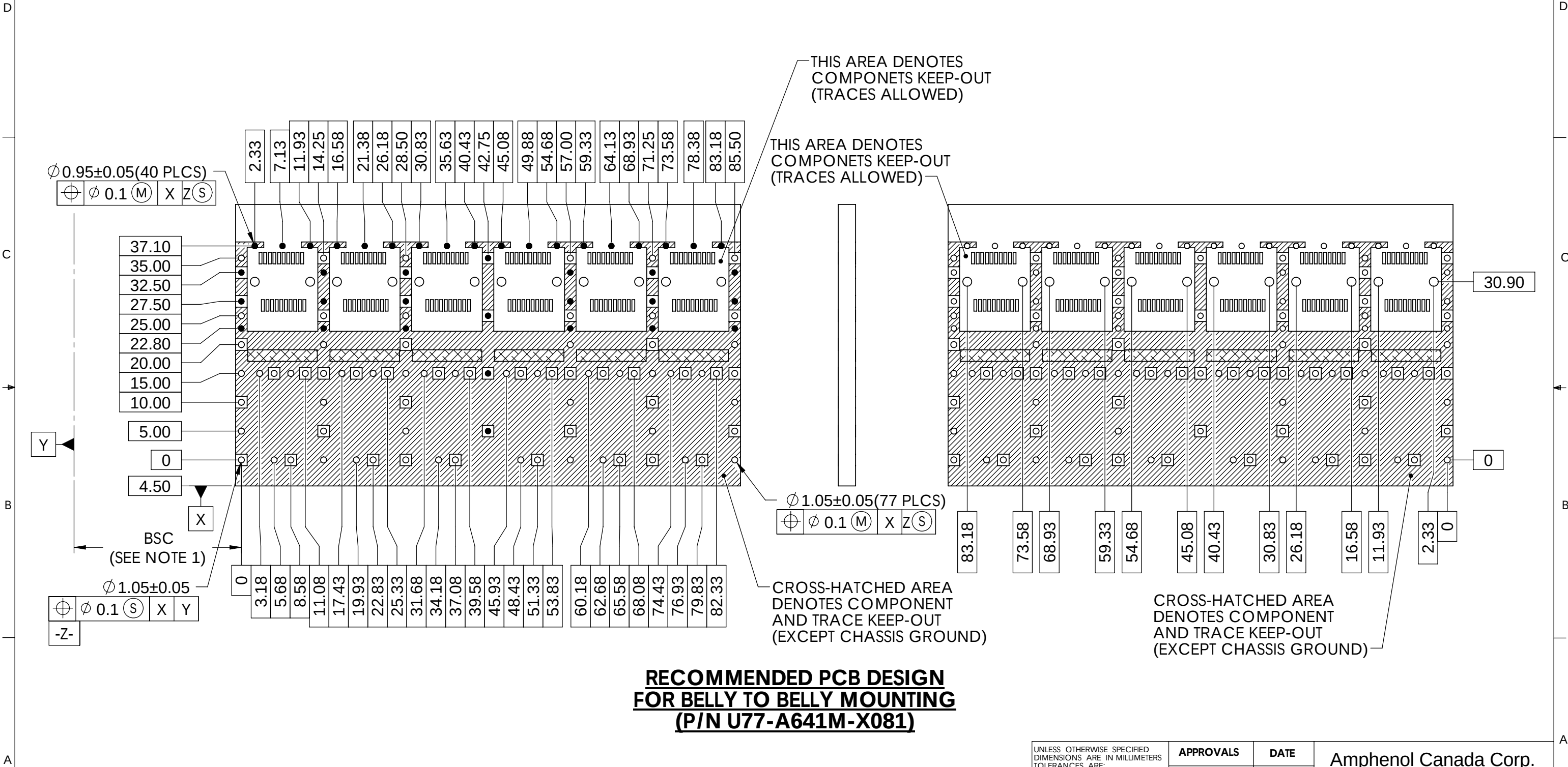
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		DESIGNED				TITLE 1XN SFP+ CAGE ASSEMBLY WITH ELASTOMERIC GASKET			
		CHECKED J.SI		MAR26/09					
		QA APPD							
IE APPD				SIZE A3	DWG. NO. P-U77-AX41M-X081		REV. C		
DWG APPD A.G.		MAR26/09		SCALE 2:1	PROJECT		SHEET 8 OF 10		

- NOTES:
1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
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 4. SEE DRAWINGS P-UX76-A20-X00XX FOR CONNECTOR LAYOUT.

REVISIONS				
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B		UPDATED	JUL14/09	
C		B-B APPLICATION SPECIFIED	AUG14/09	



**RECOMMENDED PCB DESIGN
FOR BELLY TO BELLY MOUNTING
(P/N U77-A641M-X081)**

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		DESIGNED		1XN SFP+ CAGE ASSEMBLY WITH ELASTOMERIC GASKET	
		CHECKED J.SI	MAR26/09		
MATERIAL AND FINISH SEE NOTE 1		QA APPD			
REF.		IE APPD		SIZE A3	DWG. NO. P-U77-AX41M-X081
CODE IDENT. NO. 03554		DWG APPD A.G.	MAR26/09	SCALE 3:2	PROJECT
				SHEET 10 OF 10	REV. C