

MATERIAL:

CAGE:
COPPER ALLOY

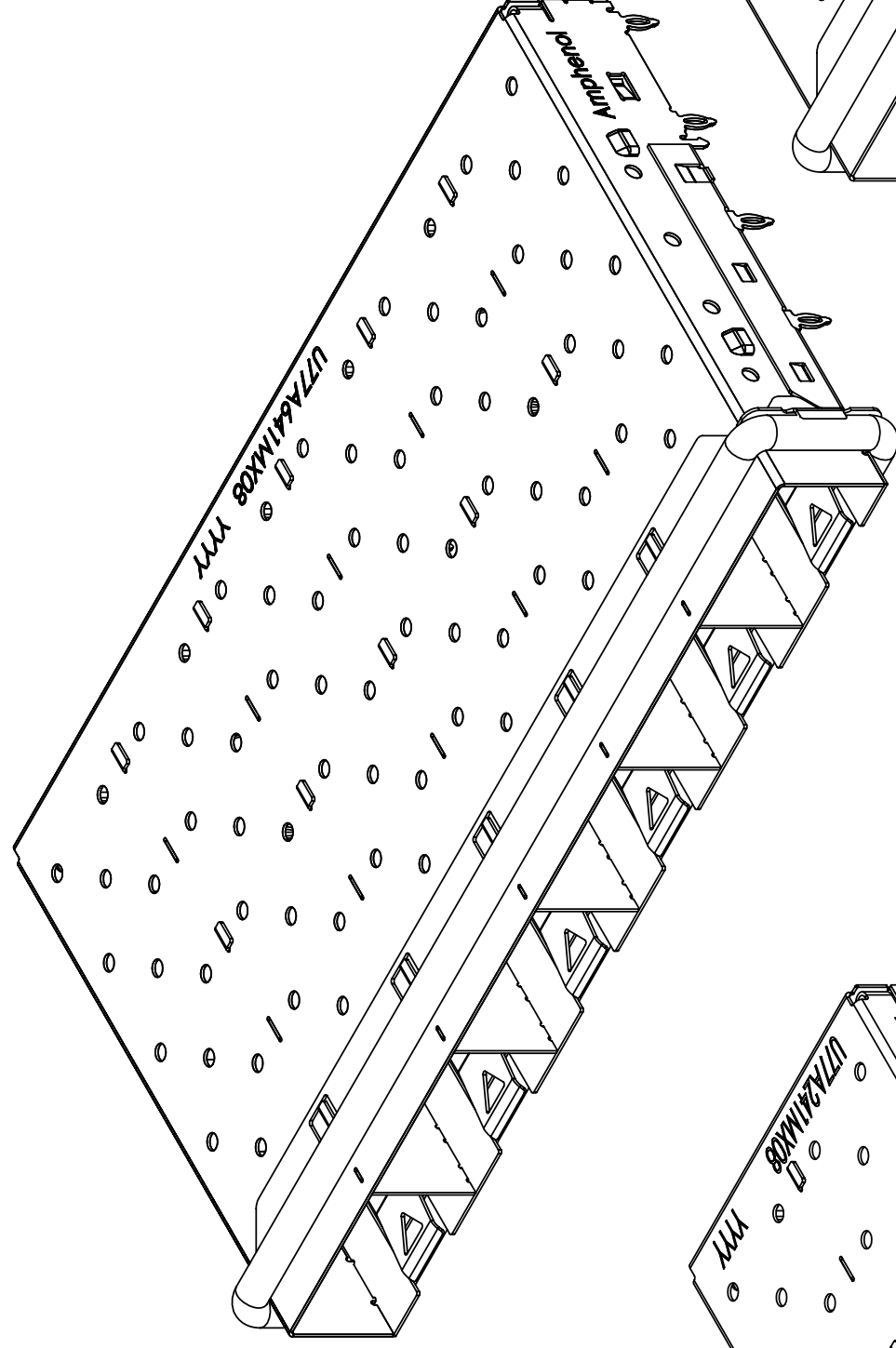
PLATING OPTION X=2:
2.54um MIN. NICKEL

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

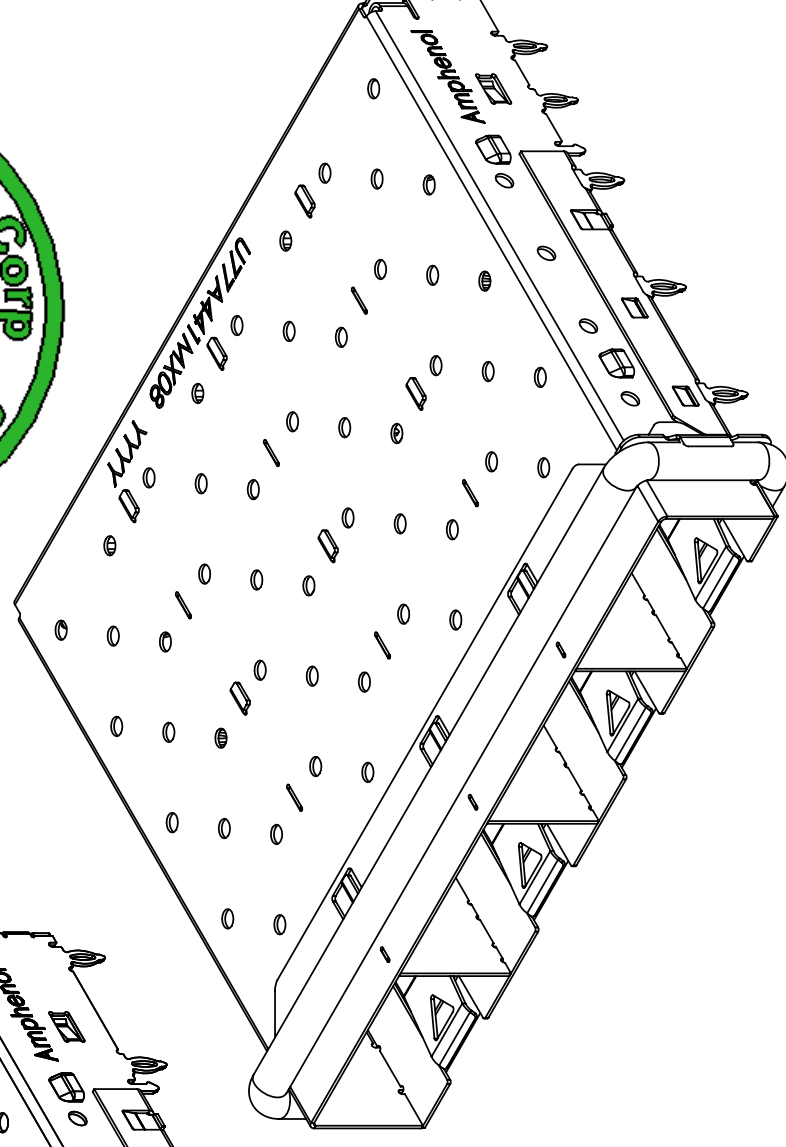
GASKET:
CONDUCTIVE ELASTOMER
FLAMMABILITY RATING
UL94-V0

PACKAGING:
TRAY PACKAGING

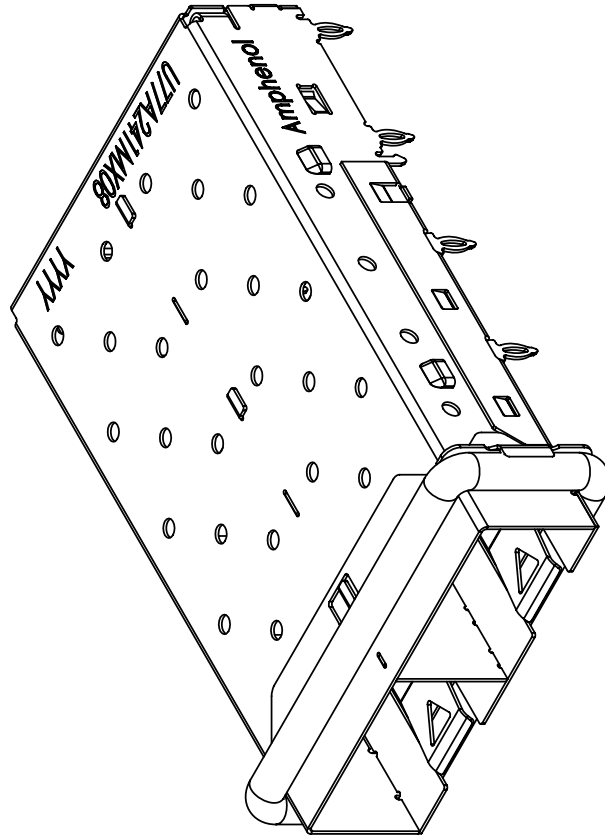
TEMPERATURE RANGE:
-40C TO +85C



P/N: U77-A641M-X081 SHOWN



P/N: U77-A441M-X081 SHOWN



P/N: U77-A241M-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

NOTE:

PRODUCT COMPLIES WITH SFF 8433 SPEC.

DO NOT SCALE DRAWING

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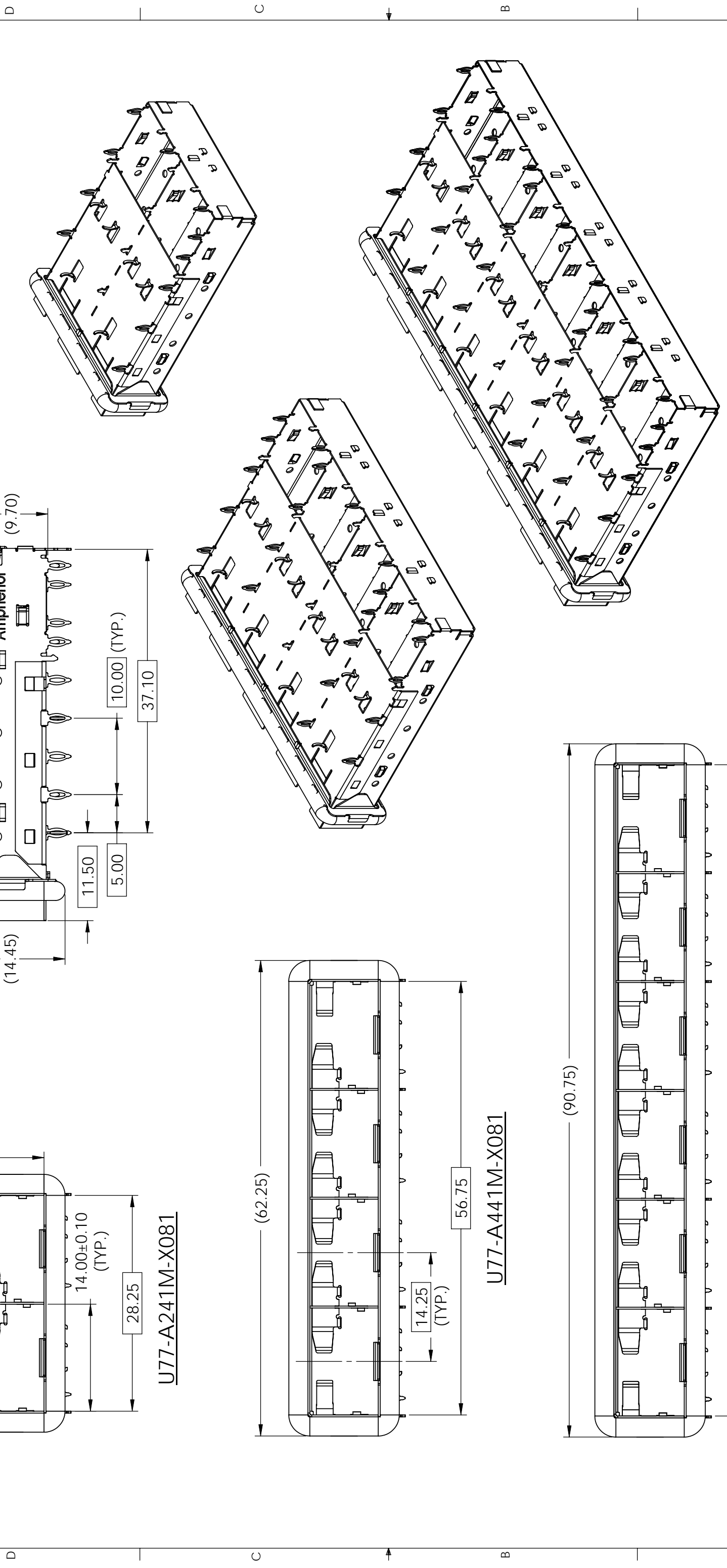
REV.	ECN/ER	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR26/09	
B		UPDATED	JUL14/09	
C		B-B APPLICATION SPECIFIED	AUG14/09	

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

REVISIONS		DATE	APPROVED
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B	UPDATED	JUL14/09	
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X.XX ± 0.25		CHECKED	J.SI	MAR26/09
MATERIAL AND FINISH	SEE NOTE 1	QA APPD		
REF.		IE APPD		
CODE IDENT. NO.	03554	DWG. APPD	A.G.	MAR26/09

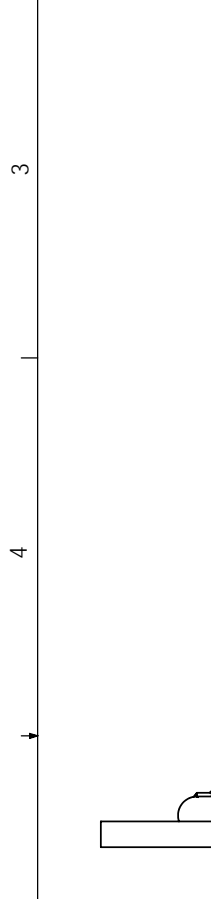
Amphenol Canada Corp.		DWG. NO.	PROJECT	SCALE	SHEET	REV.
1XN SFP+ CAGE ASSEMBLY WITH ELASTOMERIC GASKET		P-U77-AX41M-X081		2:1	2 OF 10	C

U77-A641M-X081

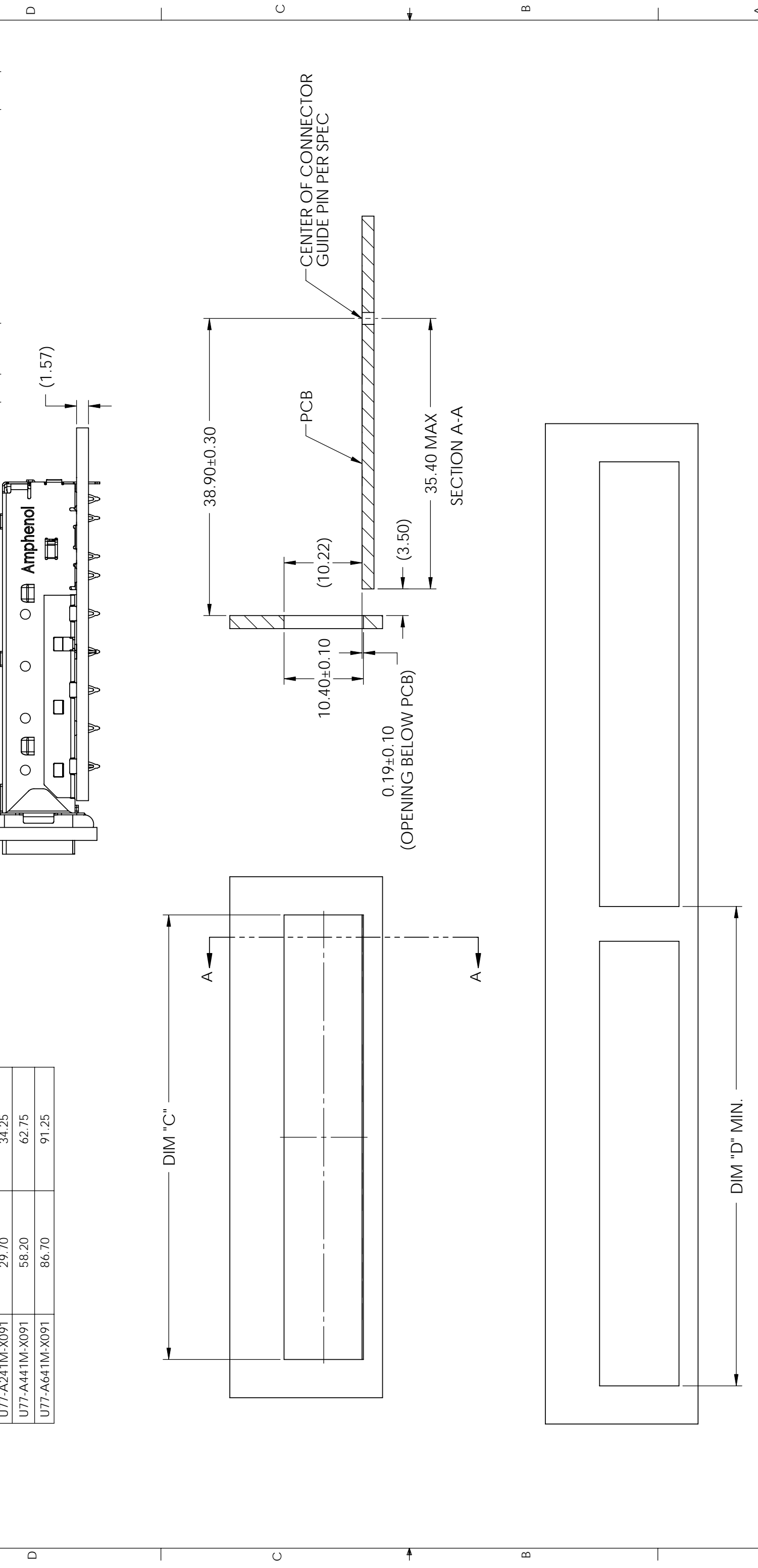
DO NOT SCALE DRAWING

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



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



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ANGLES	± 1°	DESIGNED	
	X.XX ± 0.25	CHECKED J.SI	MAR26/09
MATERIAL AND FINISH	SEE NOTE 1	QA APPD	
REF.		IE APPD	
CODE IDENT. NO.	03554	DWG APPD A.G.	MAR26/09

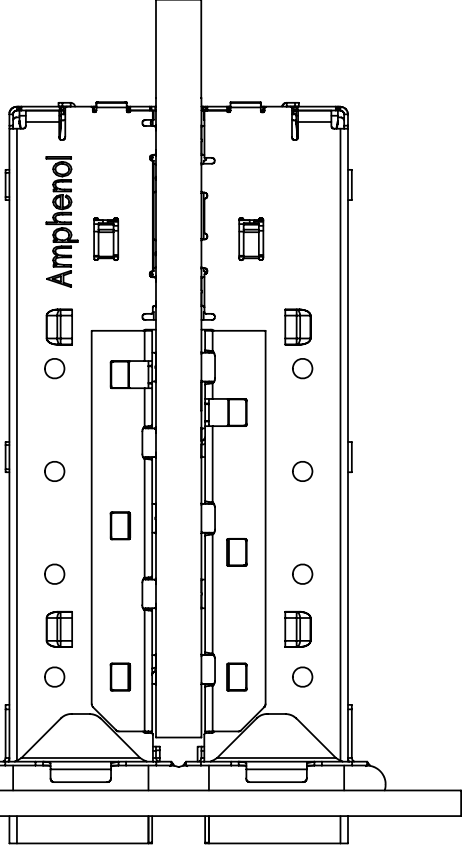
Amphenol Canada Corp.		TITLE	
REV. A3	DWG. NO. P-U77-AX41M-X081	REV. C	
1XN SFP+ CAGE ASSEMBLY WITH ELASTOMERIC GASKET		SCALE 2:1	PROJECT
		SHEET 3 OF 10	

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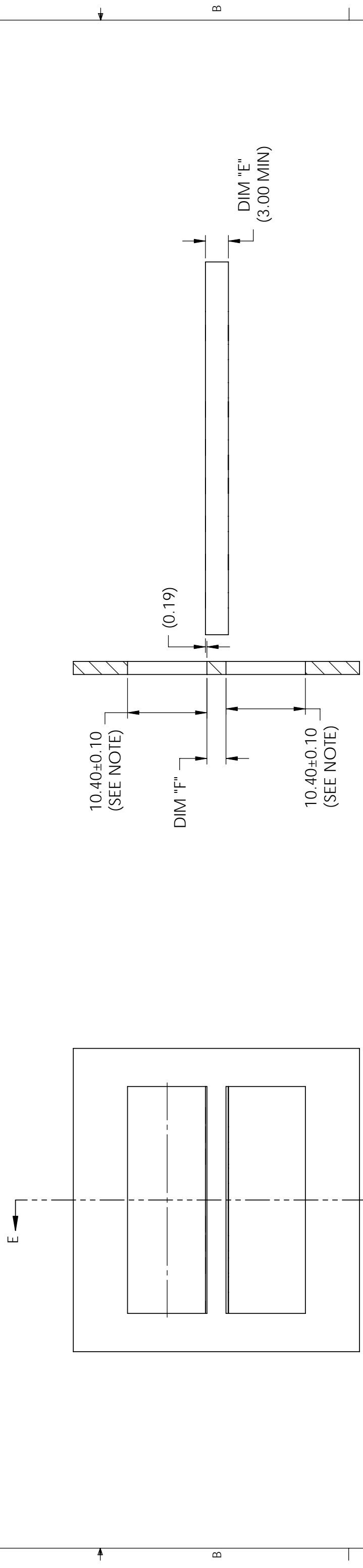
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B		UPDATED	JUL14/09	
C		B-B APPLICATION SPECIFIED	AUG14/09	

1 2 3 4 5 6 7 8



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.



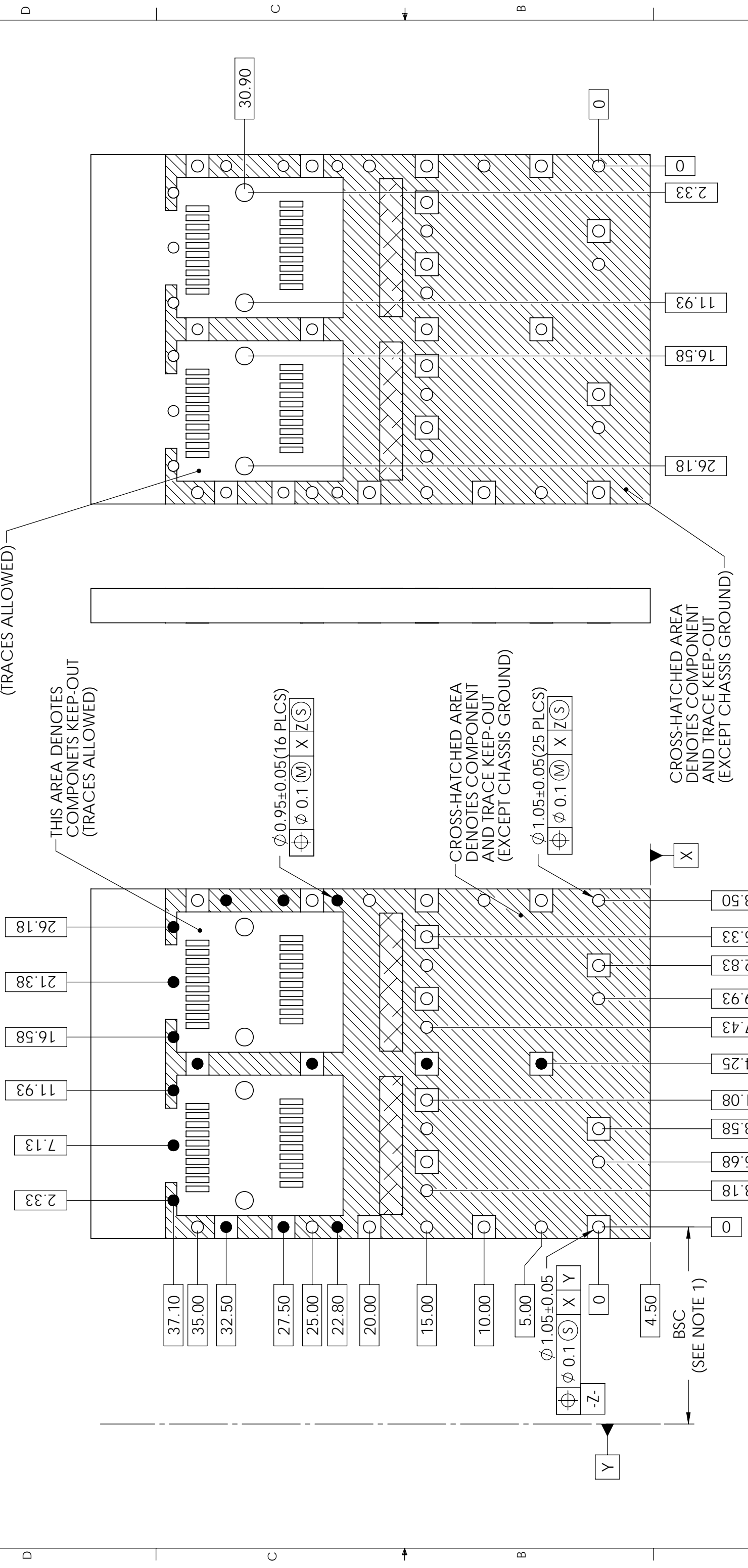
SECTION E-E

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS	DATE	TITLE
DECIMALS	± 0.38	DRAWN	MAR04/09	Amphenol Canada Corp.
ANGLES	± 1°	DESIGNED		
X.X ± 0.38		CHECKED	MAR26/09	1XN SFP+ CAGE ASSEMBLY WITH ELASTOMERIC GASKET
X.XX ± 0.25		QA APPD		
MATERIAL AND FINISH	SEE NOTE 1	IE APPD		REV. C
REF.		DWG APPD	MAR26/09	DWG NO. P-U77-AX41M-X081
CODE IDENT. NO. 03554				SCALE 2:1 PROJECT 4 OF 10

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A B C D

- 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.



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

DO NOT SCALE DRAWING

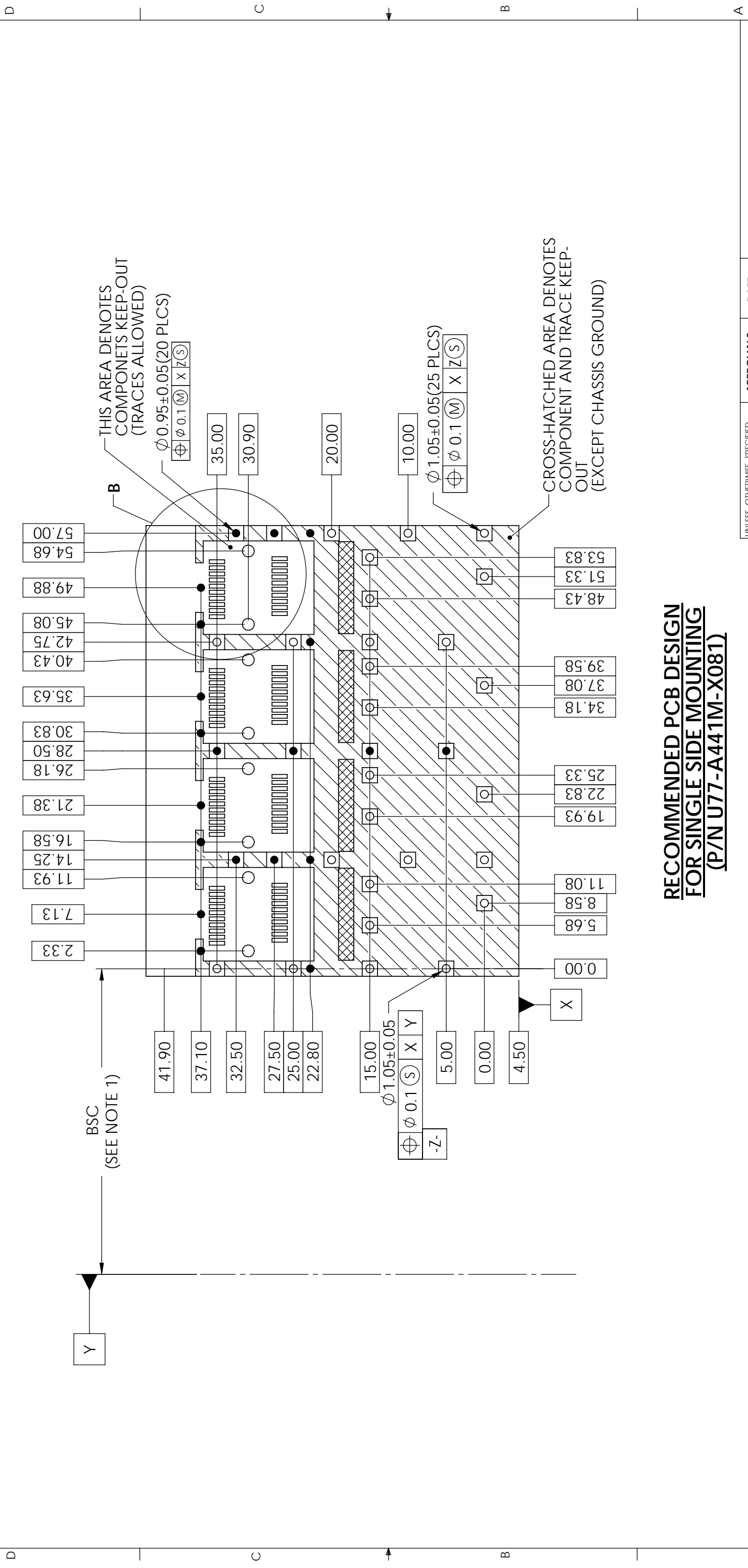
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REVISONS		DATE	APPROVED
REV. A	DESCRIPTION PROPOSAL UPDATED	MAR26/09	
REV. B		JUL14/09	
REV. C	B-B APPLICATION SPECIFIED	AUG14/09	

APPROVALS		DATE	TITLE	
DRAWN	ChigowX	MAR04/09	Amphenol Canada Corp.	
DESIGNED			1XN SFP+ CAGE ASSEMBLY WITH ELASTOMERIC GASKET	
CHECKED	J.SI	MAR26/09	REV. A3	DWG. NO. P-U77-AX41M-X081
QA APPD			SCALE: 3:1	PROJECT
IE APPD				REV. C
DWG APPD	A.G.	MAR26/09		SHEET 6 OF 10

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:
 DECIMALS X.X ± 0.38
 ANGLES ± 1°
 X.XX ± 0.25
 MATERIAL AND FINISH SEE NOTE 1
 REF. CODE IDENT. NO. 03554

- NOTES:
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 2. PADS AND VIAS ARE CHASSIS GROUND.
 3. THRU-HOLES, PLATING OPTIONAL.
 4. SEE DRAWINGS P-UX76-A20-X00XX FOR CONNECTOR LAYOUT.



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

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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS	DATE
DECIMALS	± 0.38	DRAWN ChigowX	MAR04/09
ANGLES	$\pm 1^\circ$	DESIGNED	
X.X ± 0.38		CHECKED J.SI	MAR26/09
X.XX ± 0.25		QA APPD	
MATERIAL AND FINISH	SEE NOTE 1	IE APPD	
REF.		DWG APPD A.G.	MAR26/09
CODE IDENT. NO.	03554		

TITLE	
Amphenol Canada Corp.	
1XN SFP+ CAGE ASSEMBLY WITH ELASTOMERIC GASKET	
REV.	REV. C
DWG. NO.	P-U77-AX41M-X081
SCALE	1:1
PROJECT	
SHEET 7 OF 10	

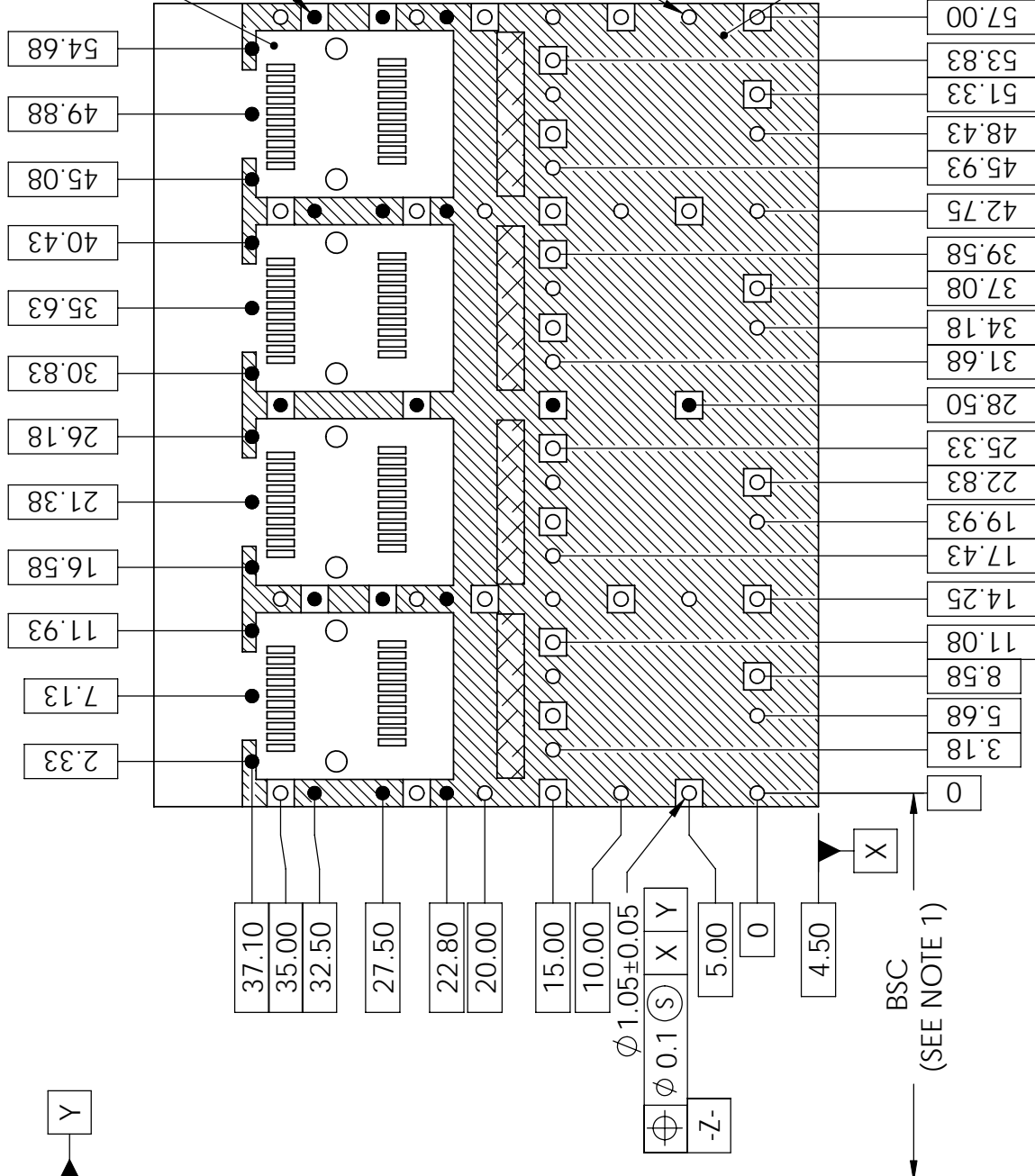
- NOTES:
 1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
 2. PADS AND VIAS ARE CHASSIS GROUND.
 3. THRU-HOLES, PLATING OPTIONAL.
 4. SEE DRAWINGS P-UX76-A20-X00XX FOR CONNECTOR LAYOUT.

THIS AREA DENOTES COMPONENTS KEEP-OUT (TRACES ALLOWED)

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

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



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-A441M-X081)

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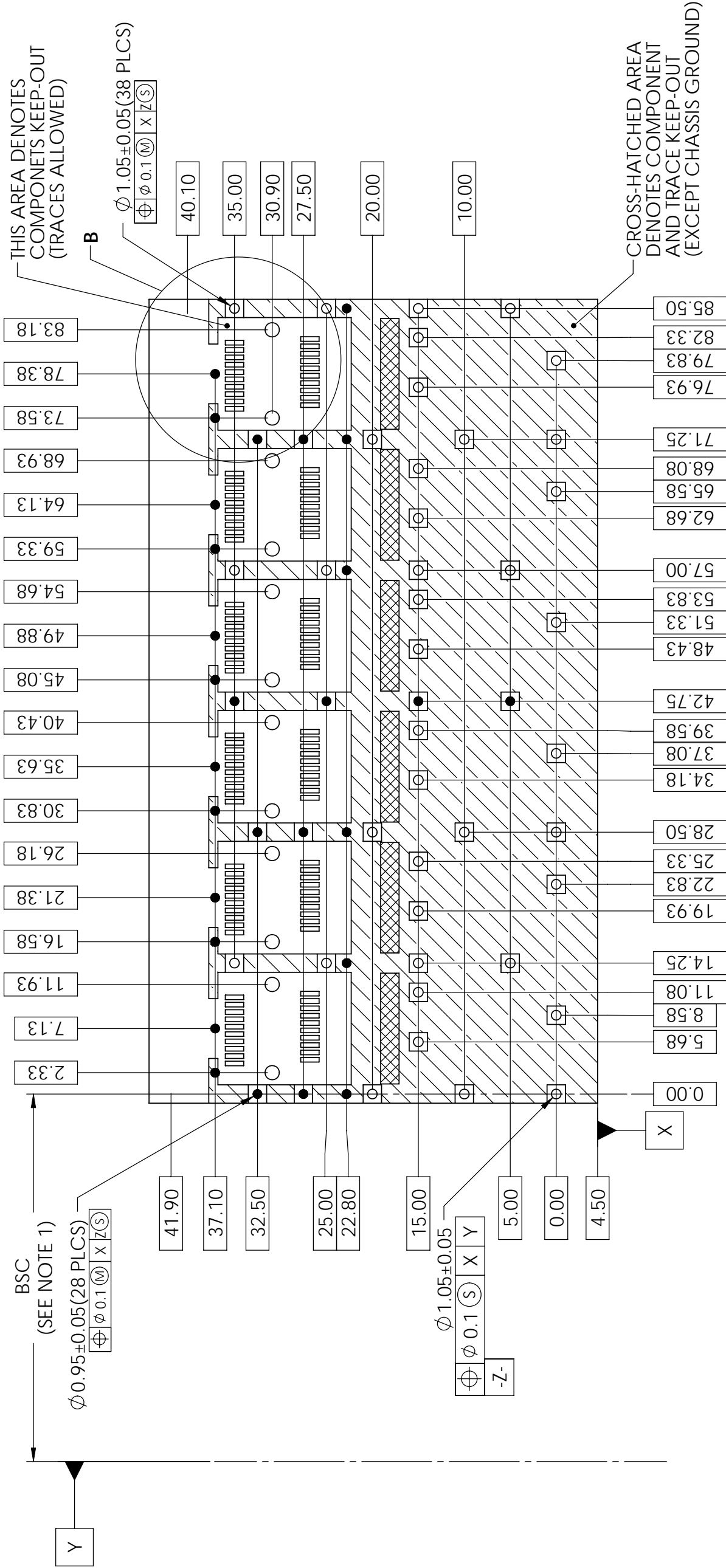
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DECIMALS	± 0.38	DRAWN: ChigowX	MAR04/09
ANGLES	$\pm 1^\circ$	DESIGNED:	
X.X ± 0.38		CHECKED: J.SI	MAR26/09
X.XX ± 0.25		QA APPD:	
MATERIAL AND FINISH	SEE NOTE 1	IE APPD:	
REF.		DWG APPD: A.G.	MAR26/09
CODE IDENT. NO.	03554	DWG. NO.	P-U77-AX41M-X081
		SCALE:	2:1
		PROJECT:	
		SHEET:	8 OF 10
		REV.:	C

Amphenol Canada Corp.

1XN SFP+ CAGE ASSEMBLY WITH ELASTOMERIC GASKET

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



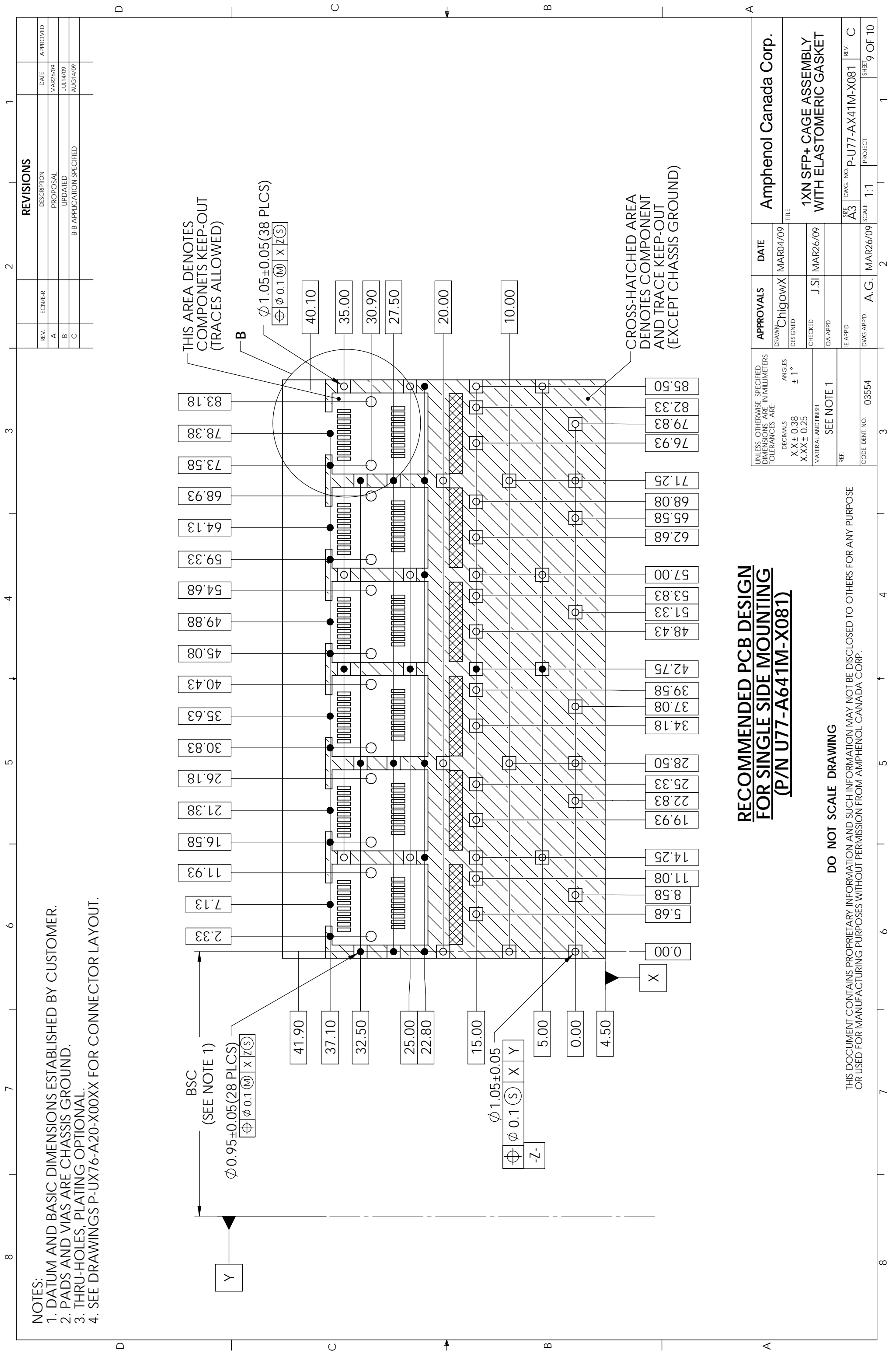
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REV. C	DESCRIPTION B-B APPLICATION SPECIFIED	AUG14/09	

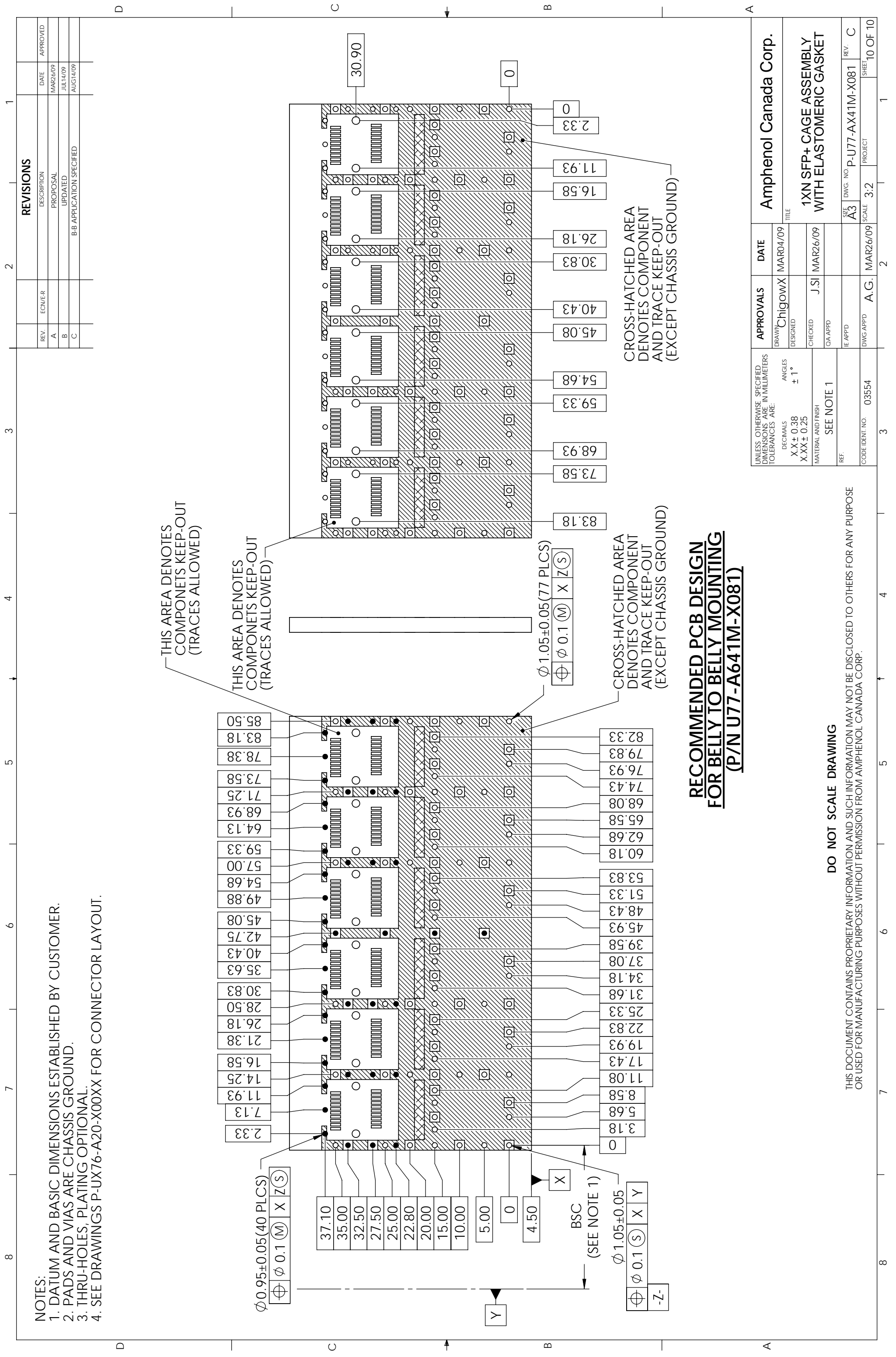
RECOMMENDED PCB DESIGN FOR SINGLE SIDE MOUNTING (P/N U77-A641M-X081)

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X.X ± 0.38		CHECKED J.SI	MAR26/09		
X.XX ± 0.25		QA APPD			
MATERIAL AND FINISH		IE APPD			
SEE NOTE 1		DWG APPD A.G.	MAR26/09	REV. A3	DWG. NO. P-U77-AX41M-X081
REF.				SCALE 1:1	PROJECT
CODE IDENT. NO. 03554					SHEET 9 OF 10





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

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MATERIAL AND FINISH		QA APPD			
REF.	SEE NOTE 1	IE APPD			
CODE IDENT. NO.	03554	DWG APPD	A.G.	MAR26/09	
					DWG. NO. P-U77-AX41M-X081
					REV. C
					SHEET 10 OF 10