

REVISIONS				
REV	ECN/E-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR 26/09	
B		B-B APPLICATION ADDED	AUG 13/09	
C		PROPOSAL	MAR 15/12	



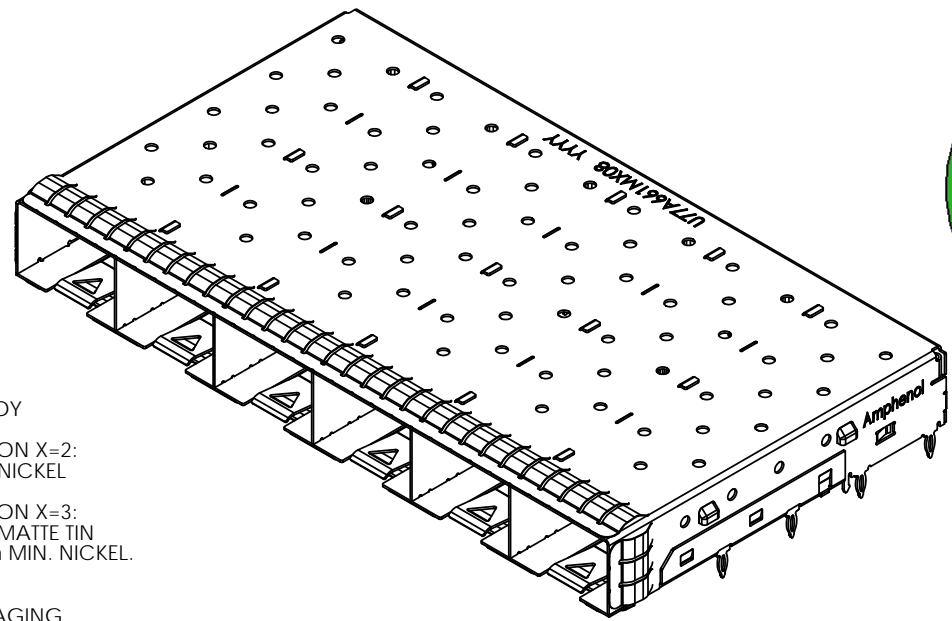
MATERIAL:
 CAGE:
 COPPER ALLOY

PLATING OPTION X=2:
 2.54um MIN. NICKEL

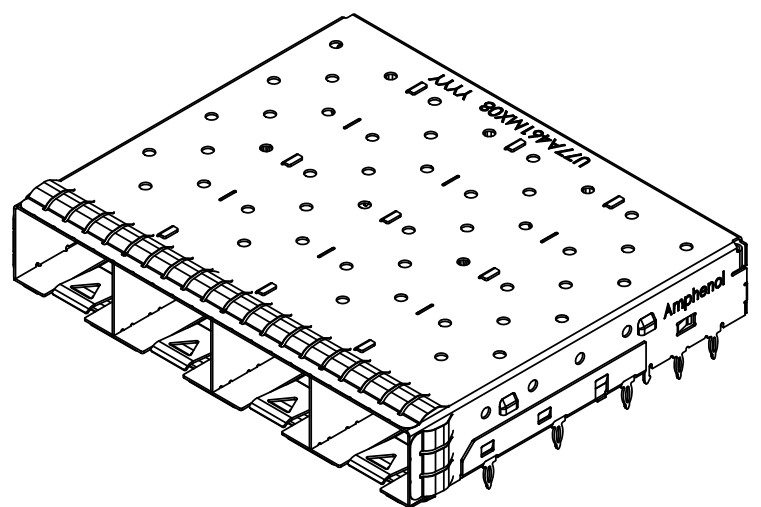
PLATING OPTION X=3:
 3.81um MIN. MATTE TIN
 OVER 1.27um MIN. NICKEL.

PACKAGING:
 TRAY PACKAGING

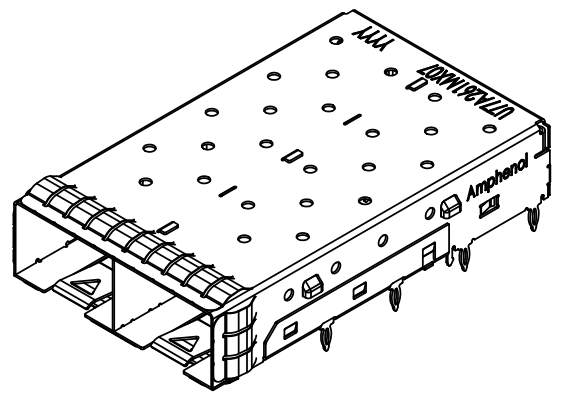
TEMPERATURE RANGE:
 -40°C TO +85°C



P/N: U77-A661M-X081 SHOWN



P/N: U77-A461M-X081 SHOWN



P/N: U77-A261M-X081 SHOWN

AMPHENOL PART NUMBER CONFIGURATION

U77 - A X 6 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

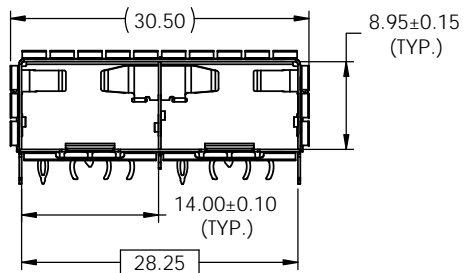
DO NOT SCALE DRAWING

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT PERMISSION FROM AMPHENOL CANADA CORP.

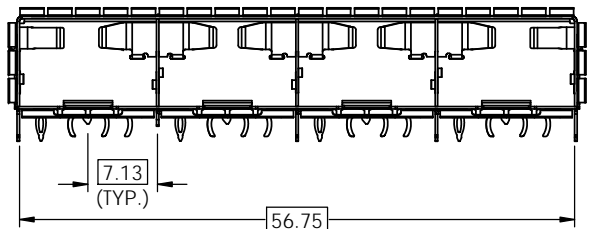
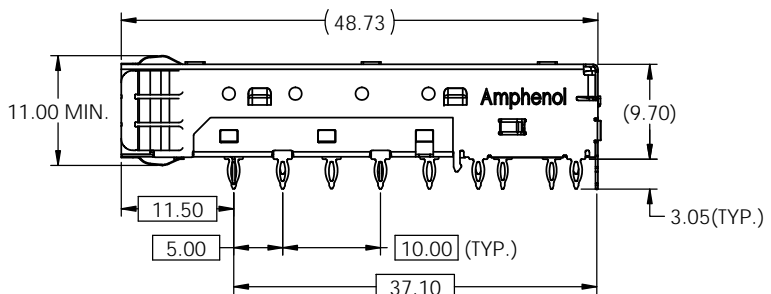
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE		Amphenol Canada Corp.	
DRAWN Chigow.X		DESIGNED		MAR14/09		TITLE	
CHECKED J.SJ		QA APPD		MAR14/09		1XN SFP+ CAGE ASSY WITH SPRING FINGER GASKET	
SEE NOTE 1		E APPD		SCALE		SIZE DWG. NO. PROJECT REV	
CODE IDENT NO: 03554		DWG APPD A.G.		MAR14/09		P-U77-AX61M-X081 C	
				2:1		SHEET 1 OF 10	

REVISIONS

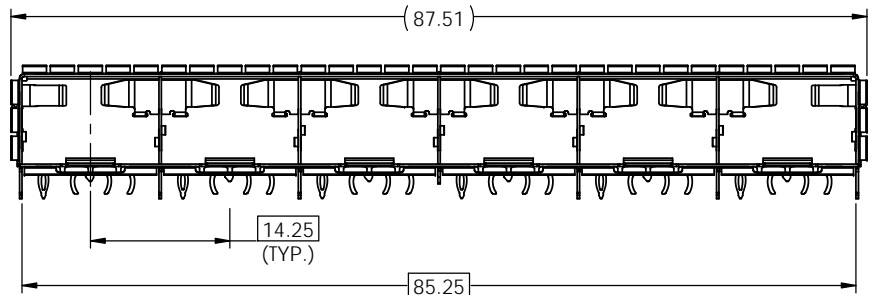
REV	ECN/E-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR 26/09	
B		B-B APPLICATION ADDED	AUG 13/09	
C		PROPOSAL	MAR 15/12	



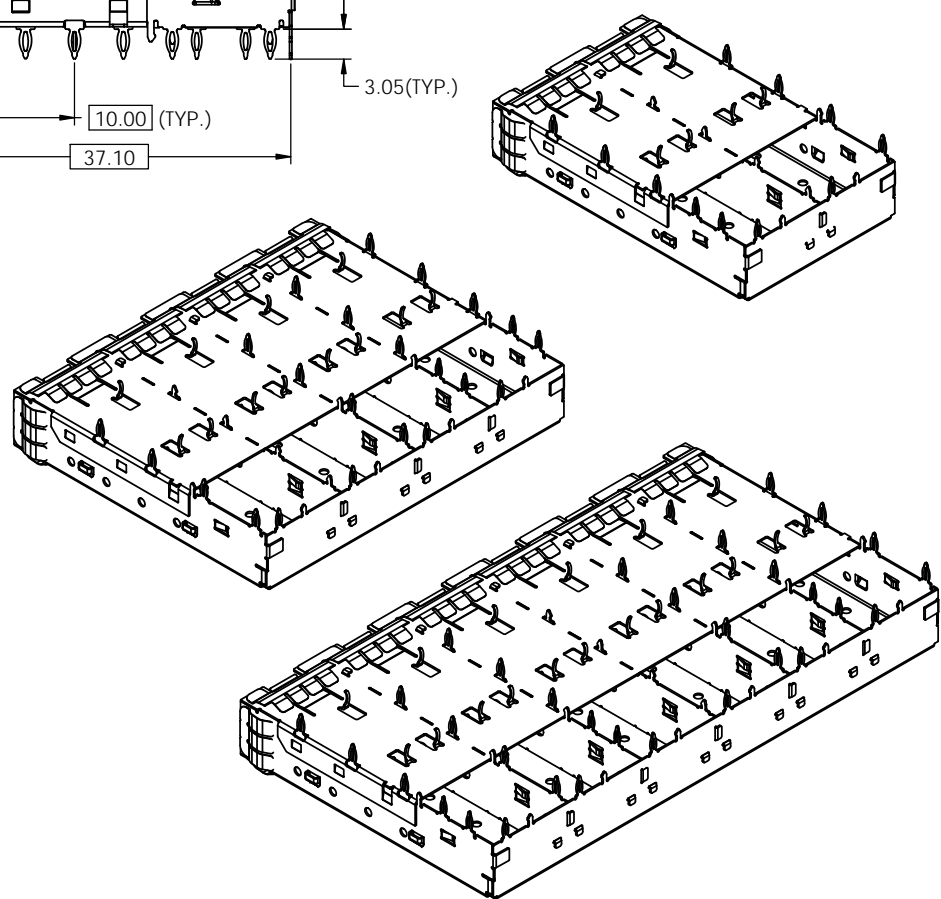
U77-A261M-X081



U77-A461M-X081



U77-A661M-X081



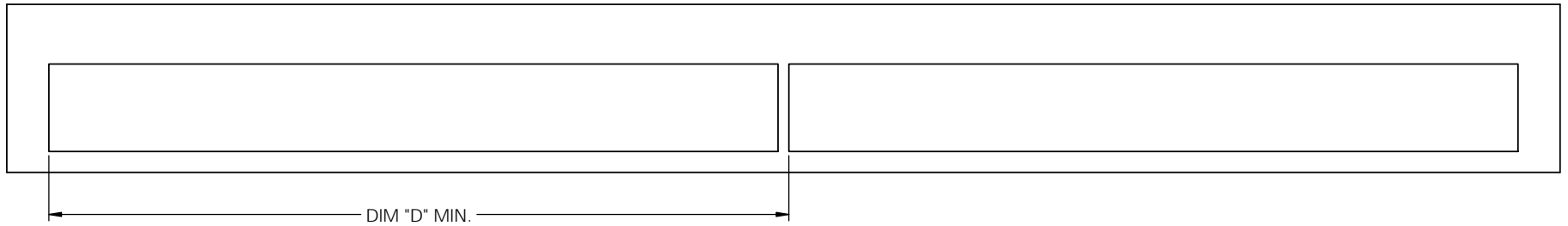
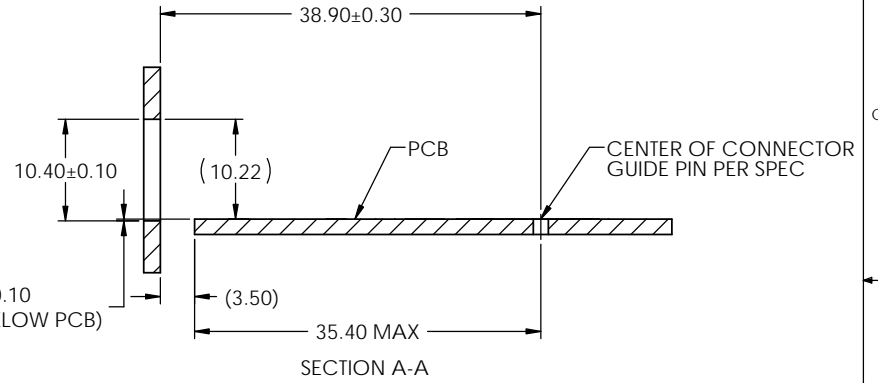
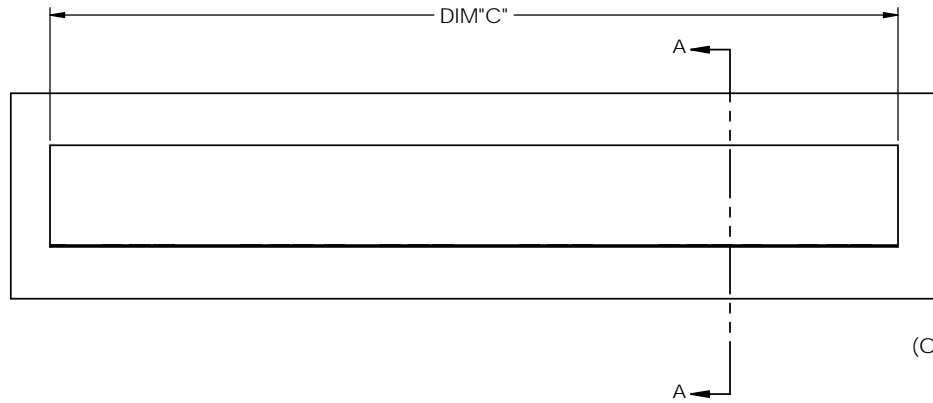
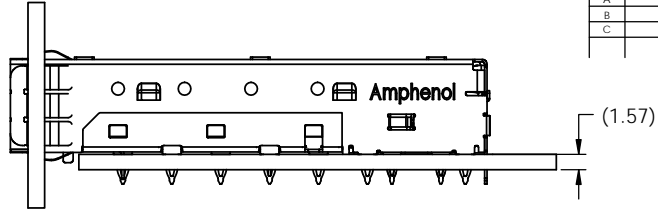
DO NOT SCALE DRAWING

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT PERMISSION FROM AMPHENOL CANADA CORP.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS ± 0.38 ANGLES ± 1° X.X ± 0.38 X.XX ± 0.25		APPROVALS	DATE	Amphenol Canada Corp.
MATERIAL AND FINISH		DRAWN Chigow.X	MAR14/09	
SEE NOTE 1		DESIGNED		TITLE
REF.		CHECKED J.SJ	MAR14/09	1XN SFP+ CAGE ASSY WITH SPRING FINGER GASKET
CODE IDENT. NO. 03554		QA APPD		
		E APPD		SIZE A3
		DWG APPD A.G.	MAR14/09	DWG. NO. P-U77-AX61M-X081
				SCALE 2:1
				PROJECT
				REV C
				SHEET 2 OF 10

PART NUMBER	DIM "C"	DIM "D"
U77-A261M-X081	29.70	31.00
U77-A461M-X081	58.20	59.50
U77-A661M-X081	86.70	88.00

REVISIONS				
REV	ECN/E-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR 26/09	
B		B-B APPLICATION ADDED	AUG 13/09	
C		PROPOSAL	MAR 15/12	

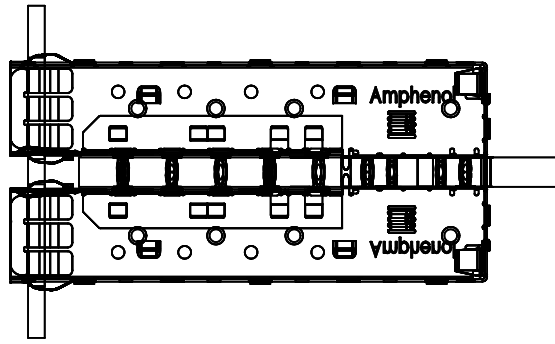


UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE	Amphenol Canada Corp.	
DECIMALS	ANGLES	DRAWN	Chigow.X	MAR14/09	TITLE	
X.X ± 0.38	± 1°	DESIGNED			1XN SFP+ CAGE ASSY WITH SPRING FINGER GASKET	
X.XX ± 0.25		CHECKED	J.SJ	MAR14/09		
MATERIAL AND FINISH		QA APPD				
SEE NOTE 1		E APPD			SIZE	DWG. NO.
REF.		DWG APPD	A.G.	MAR14/09	A3	P-U77-AX61M-X081
CODE IDENT. NO.	03554	SCALE	2:1	PROJECT	REV	C
					SHEET	3 OF 10

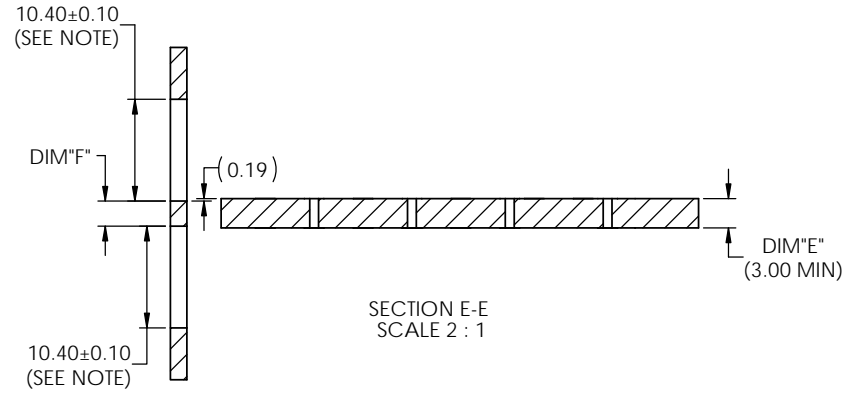
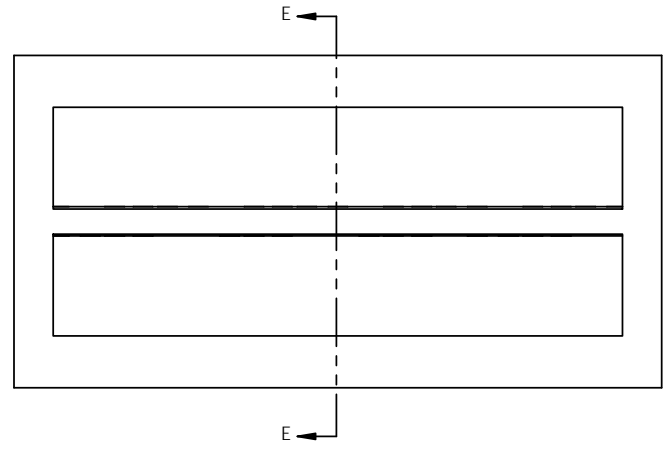
DO NOT SCALE DRAWING

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT PERMISSION FROM AMPHENOL CANADA CORP.

REVISIONS				
REV	ECN/E-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR 26/09	
B		B-B APPLICATION ADDED	AUG 13/09	
C		PROPOSAL	MAR 15/12	



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.



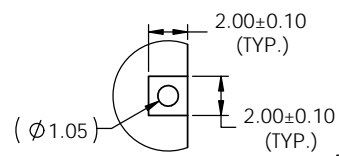
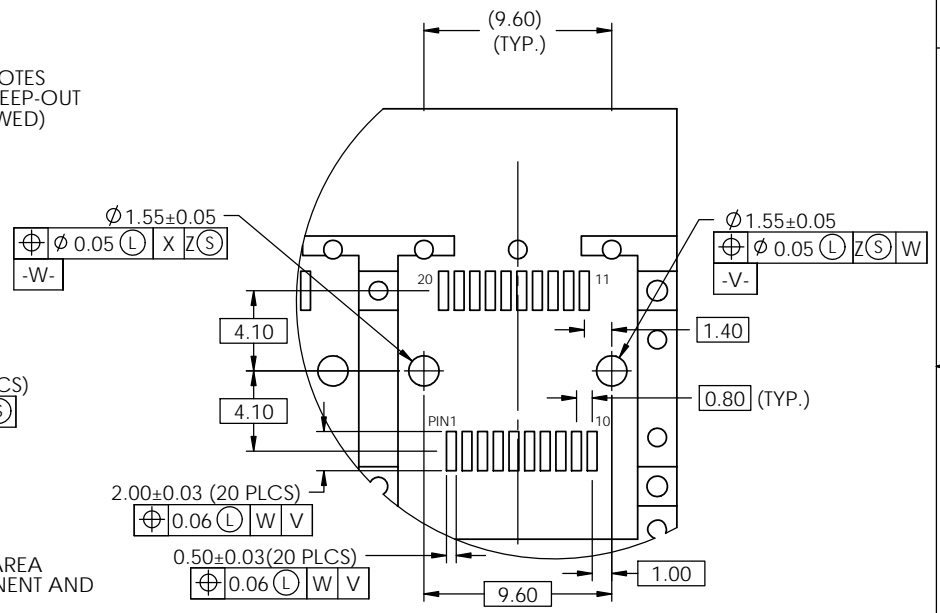
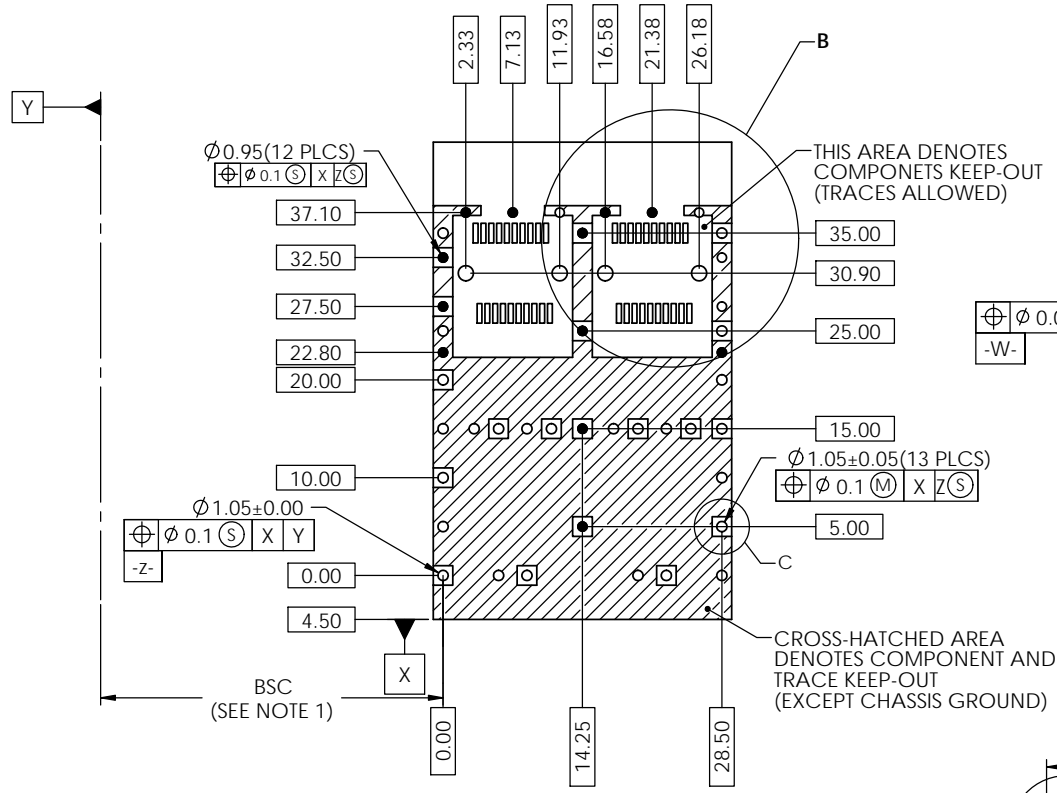
DO NOT SCALE DRAWING

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT PERMISSION FROM AMPHENOL CANADA CORP.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE	Amphenol Canada Corp.	
DIGITALS XX ± 0.38 X.XX ± 0.25	ANGLES ± 1°	DRAWN Chigow.X	DESIGNED	MAR14/09	TITLE	
MATERIAL AND FINISH SEE NOTE 1		CHECKED J.SJ	QA APPD	MAR14/09	1XN SFP+ CAGE ASSY WITH SPRING FINGER GASKET	
REF.	E APPD	DWG APPD A.G.	SCALE 1:1	PROJECT P-U77-AX61M-X081	REV C	SHEET 4 OF 10
CODE IDENT NO. 03554						

- 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	MAR 26/09	
B		B-B APPLICATION ADDED	AUG 13/09	
C		PROPOSAL	MAR 15/12	



**RECOMMENDED PCB DESIGN
 FOR SINGLE SIDE MOUNTING
 (P/N U77-A261M-X081)**

DO NOT SCALE DRAWING

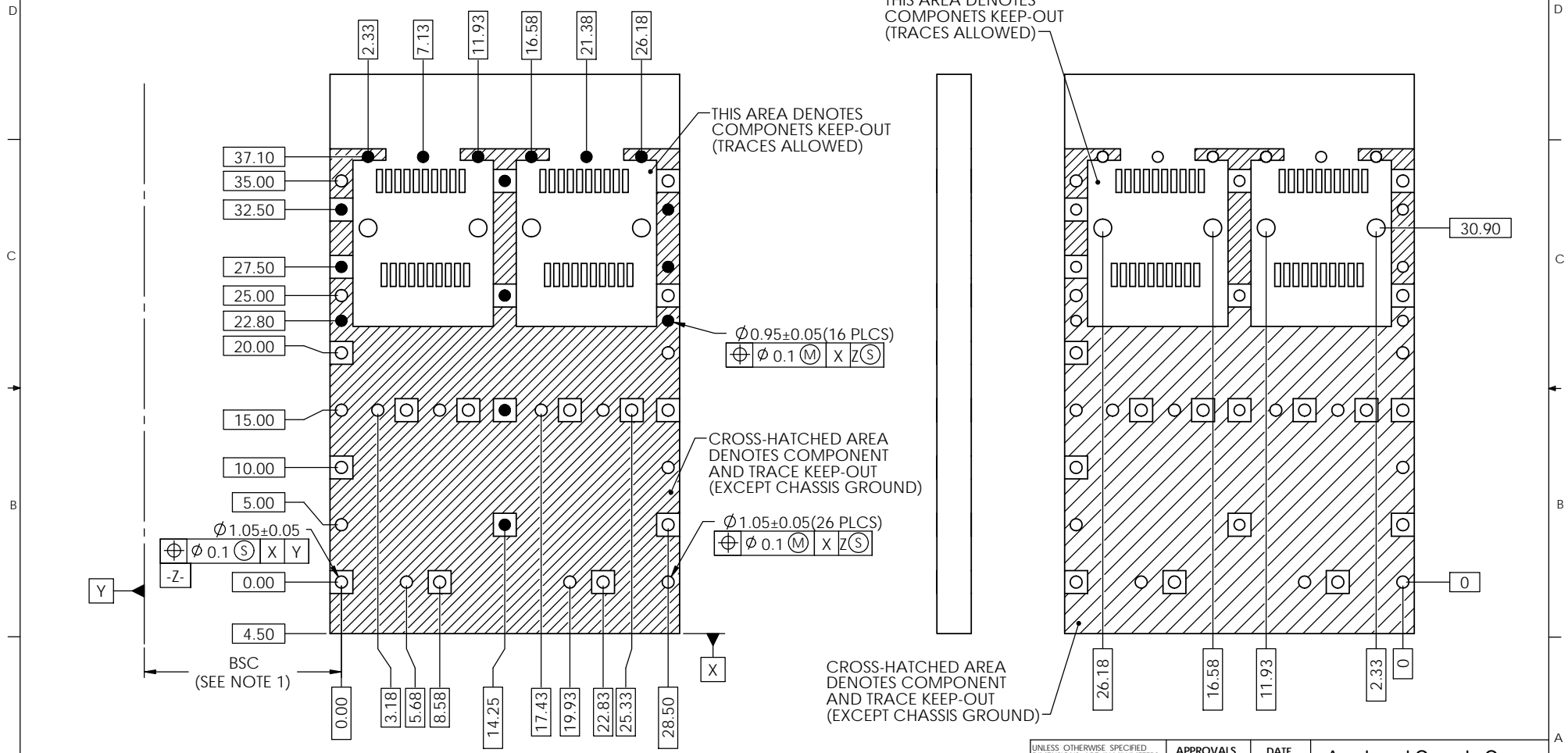
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT PERMISSION FROM AMPHENOL CANADA CORP.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE	Amphenol Canada Corp.
DIGITALS	ANGLES	DRAWN	Chigow.X	MAR14/09	
X.X ± 0.38	± 1°	DESIGNED			TITLE
X.XX ± 0.25		CHECKED	J.SJ	MAR14/09	1XN SFP+ CAGE ASSY WITH SPRING FINGER GASKET
MATERIAL AND FINISH		QA APPD			
SEE NOTE 1					
REF	E APPD				SIZE
					A3
CODE IDENT NO: 03554	DWG APPD	A.G.	MAR14/09	SCALE	DWG. NO. P-U77-AX61M-X081
				2:1	PROJECT
					SHEET
					5 OF 10
					REV C

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	EC/N/E/R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR 26/09	
B		B-B APPLICATION ADDED	AUG 13/09	
C		PROPOSAL	MAR 15/12	



**RECOMMENDED PCB DESIGN
FOR BELLY TO BELLY MOUNTING
(P/N U77-A261M-X081)**

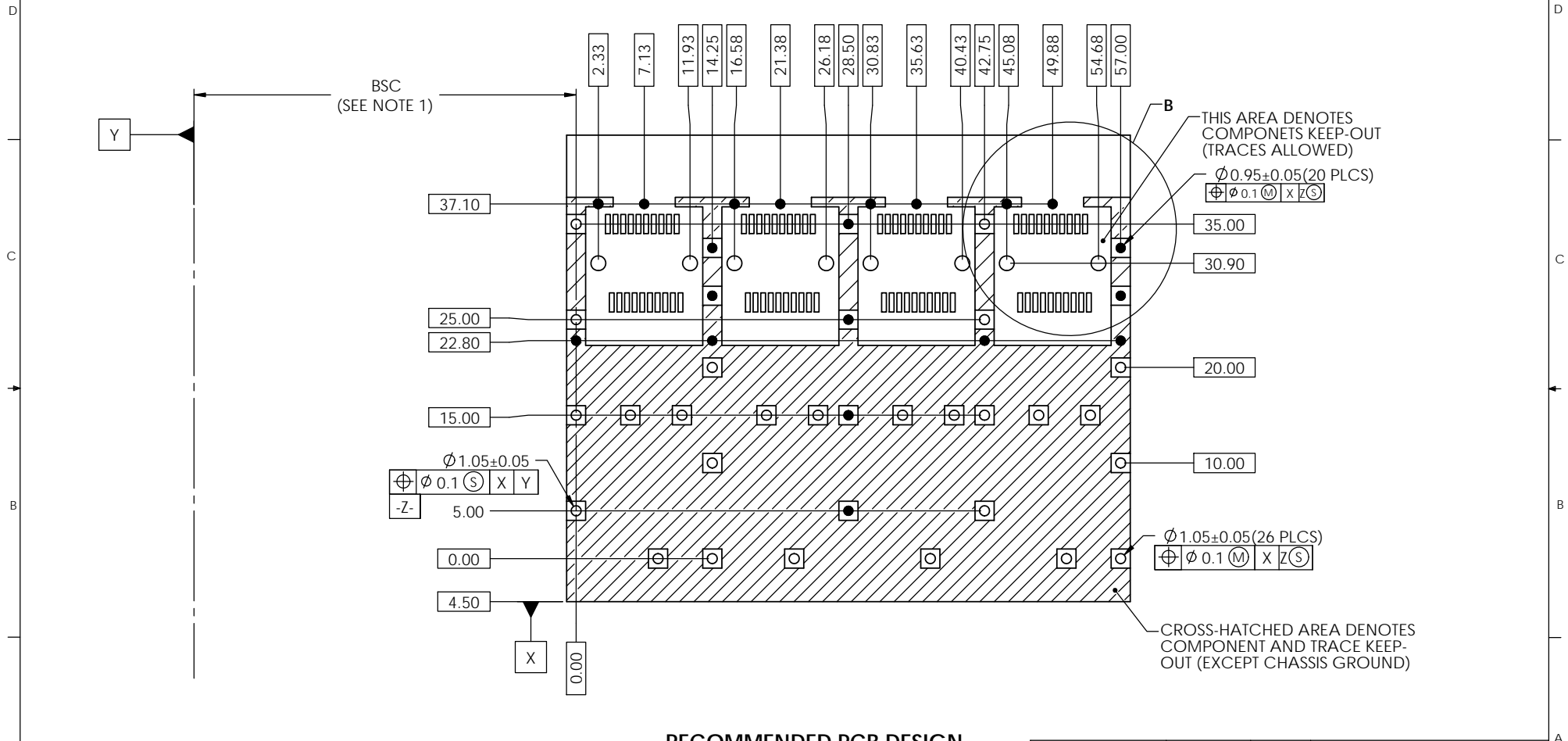
DO NOT SCALE DRAWING

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT PERMISSION FROM AMPHENOL CANADA CORP.

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 Chigov.X	MAR14/09	TITLE	
	DESIGNED		1XN SFP+ CAGE ASSY WITH SPRING FINGER GASKET	
	CHECKED J.SJ	MAR14/09		
MATERIAL AND FINISH	SEE NOTE 1	DATE	SIZE A3	DWG. NO. P-U77-AX61M-X081
REF.		SCALE 3:1	PROJECT	REV C
CODE IDENT. NO. 03554	DWG APPD A.G.	MAR14/09	SHEET 6 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				
REV	EC/N/E/R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR 26/09	
B		B-B APPLICATION ADDED	AUG 13/09	
C		PROPOSAL	MAR 15/12	



**RECOMMENDED PCB DESIGN
 FOR SINGLE SIDE MOUNTING
 (P/N U77-A461M-X081)**

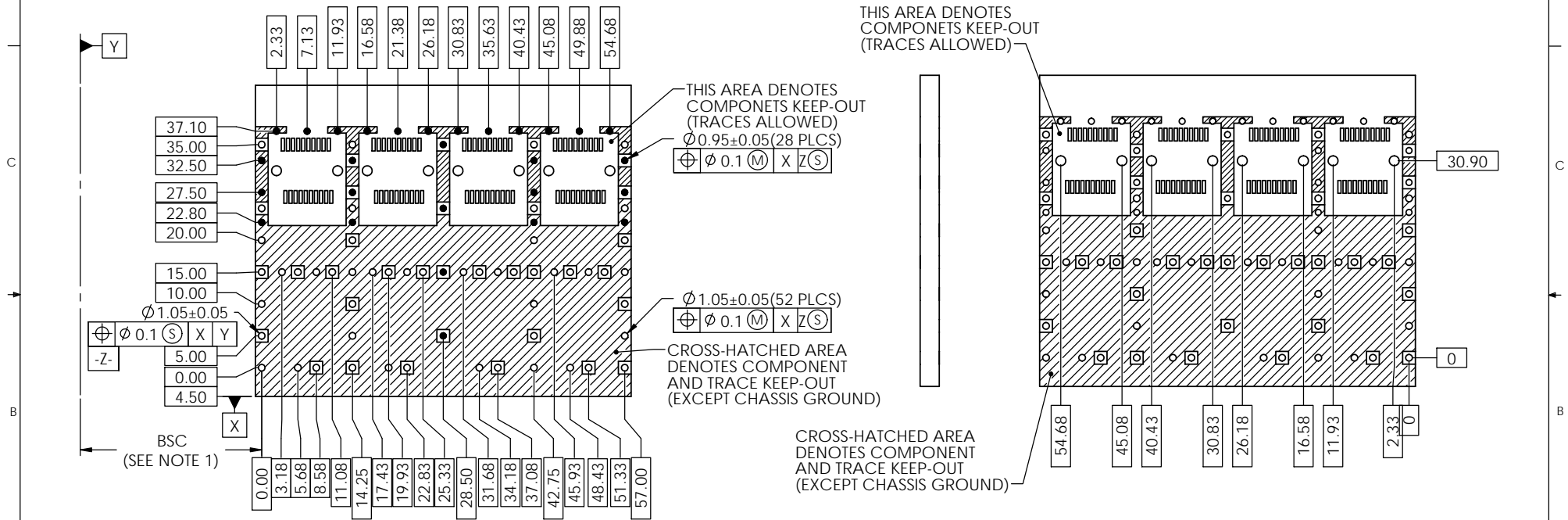
DO NOT SCALE DRAWING

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT PERMISSION FROM AMPHENOL CANADA CORP.

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 Chigov.X	MAR14/09	TITLE	
	DESIGNED		1XN SFP+ CAGE ASSY WITH SPRING FINGER GASKET	
	CHECKED J.SJ	MAR14/09		
MATERIAL AND FINISH	QA APPD			
SEE NOTE 1				
REF	E APPD		SIZE A3	DWG. NO. P-U77-AX61M-X081
CODE IDENT NO. 03554	DWG APPD A.G.	MAR14/09	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				
REV	EC/N/E/R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR 26/09	
B		B-B APPLICATION ADDED	AUG 13/09	
C		PROPOSAL	MAR 15/12	



**RECOMMENDED PCB DESIGN
 FOR BELLY TO BELLY MOUNTING
 (P/N U77-A461M-X081)**

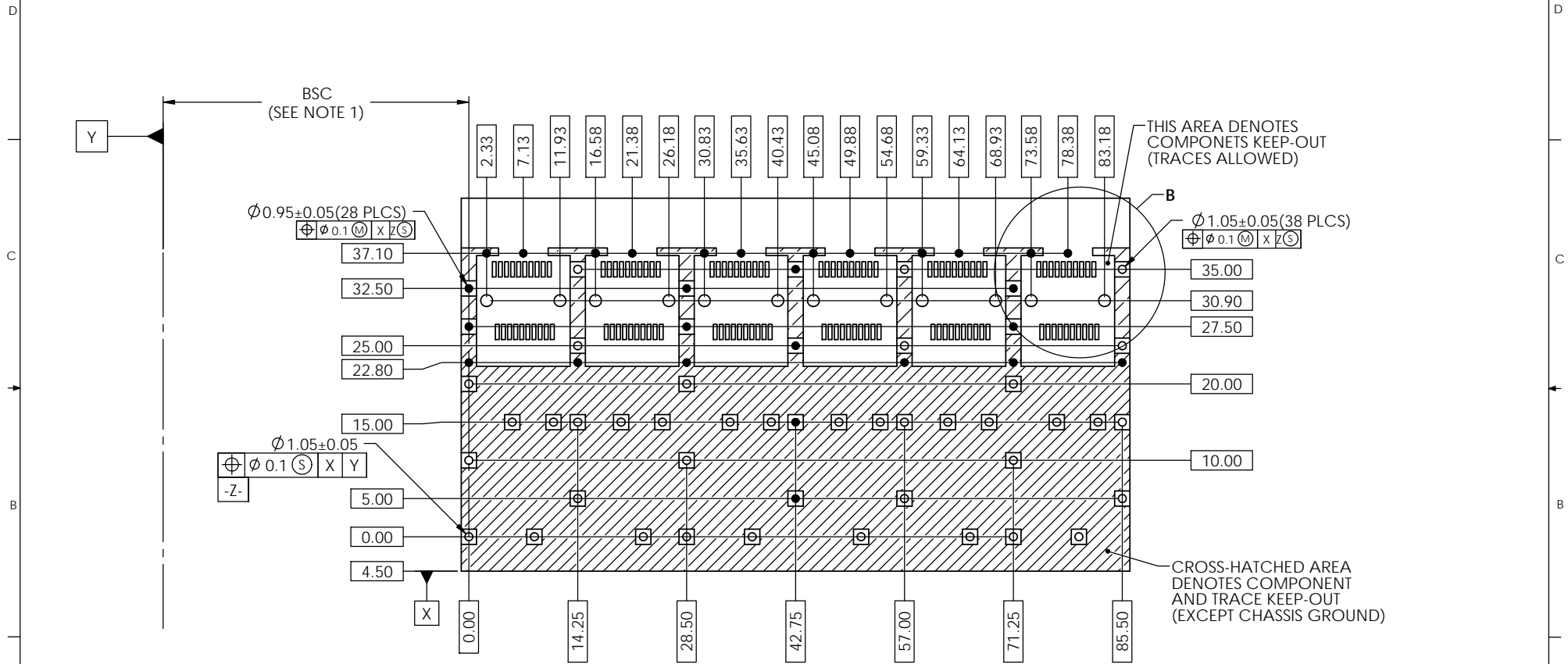
DO NOT SCALE DRAWING

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT PERMISSION FROM AMPHENOL CANADA CORP.

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 Chigow.X		DESIGNED		MAR14/09		TITLE	
CHECKED J.SJ		QA APPD		MAR14/09		1XN SFP+ CAGE ASSY WITH SPRING FINGER GASKET	
SEE NOTE 1		E APPD		SCALE		SIZE DWG. NO. PROJECT REV	
CODE IDENT NO. 03554		DWG APPD A.G.		MAR14/09		P-U77-AX61M-X081 C	
				SCALE 2:1		SHEET 8 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				
REV	EC/N/E/R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR 26/09	
B		B-B APPLICATION ADDED	AUG 13/09	
C		PROPOSAL	MAR 15/12	



**RECOMMENDED PCB DESIGN
 FOR SINGLE SIDE MOUNTING
 (P/N U77-A661M-X081)**

DO NOT SCALE DRAWING

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT PERMISSION FROM AMPHENOL CANADA CORP.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS ANGLES X.X ± 0.38 ± 1° X.XX ± 0.25 MATERIAL AND FINISH SEE NOTE 1 REF. CODE IDENT NO: 03554	APPROVALS	DATE	Amphenol Canada Corp. 1XN SFP+ CAGE ASSY WITH SPRING FINGER GASKET
	DRAWN Chigow.X	MAR14/09	
	DESIGNED		
	CHECKED J.SJ	MAR14/09	
	QA APPD		SIZE A3
	E APPD		DWG. NO. P-U77-AX61M-X081
	DWG APPD A.G.	MAR14/09	SCALE 1:1
			PROJECT
			SHEET 9 OF 10

8 7 6 5 4 3 2 1

Y

BSC (SEE NOTE 1)

Ø 0.95±0.05 (28 PLCS)
 Ø 0.1 (X Z S)

37.10
 32.50
 25.00
 22.80
 15.00
 5.00
 0.00
 4.50

2.33
 7.13
 11.93
 16.58
 21.38
 26.18
 30.83
 35.63
 40.43
 45.08
 49.88
 54.68
 59.33
 64.13
 68.93
 73.58
 78.38
 83.18

Ø 1.05±0.05 (38 PLCS)
 Ø 0.1 (X Z S)

35.00
 30.90
 27.50
 20.00
 10.00

0.00
 14.25
 28.50
 42.75
 57.00
 71.25
 85.50

X

B

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

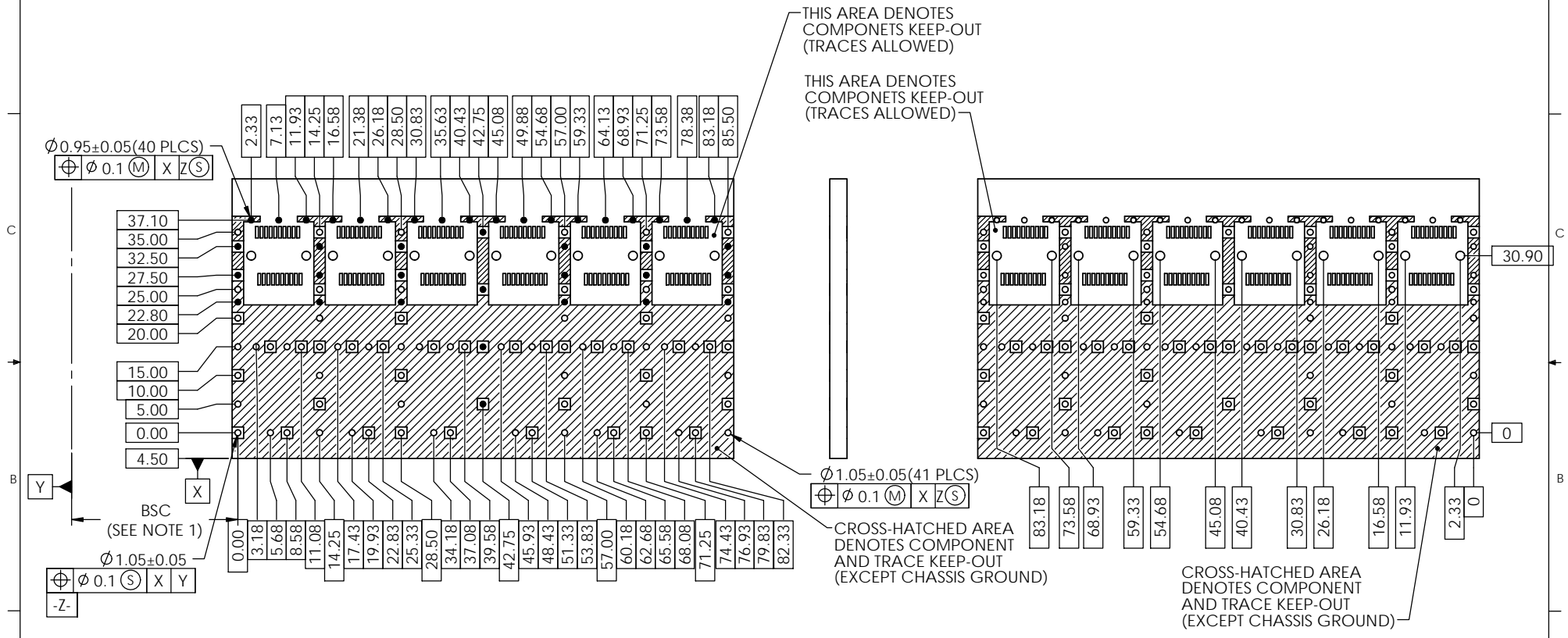
THIS AREA DENOTES COMPONENTS KEEP-OUT (TRACES ALLOWED)

A

8 7 6 5 4 3 2 1

REVISIONS				
REV	EC/N/E/R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR 26/09	
B		B-B APPLICATION ADDED	AUG 13/09	
C		PROPOSAL	MAR 15/12	

- 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-A661M-X081)**

DO NOT SCALE DRAWING

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT PERMISSION FROM AMPHENOL CANADA CORP.

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 Chigow.X	MAR14/09		
	CHECKED J.SJ	MAR14/09	1XN SFP+ CAGE ASSY WITH SPRING FINGER GASKET	
	MATERIAL AND FINISH	SEE NOTE 1		
REF.	E APPD		SIZE A3	DWG. NO. P-U77-AX61M-X081
CODE IDENT NO. 03554	DWG APPD A.G.	MAR14/09	SCALE 3:2	PROJECT
				REV C
				SHEET 10 OF 10

8 7 6 5 4 3 2 1