

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Amphenol Commercial Products](#)

[U77-A261M-2081](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

MATERIAL:

CAGE:  
 COPPER ALLOY

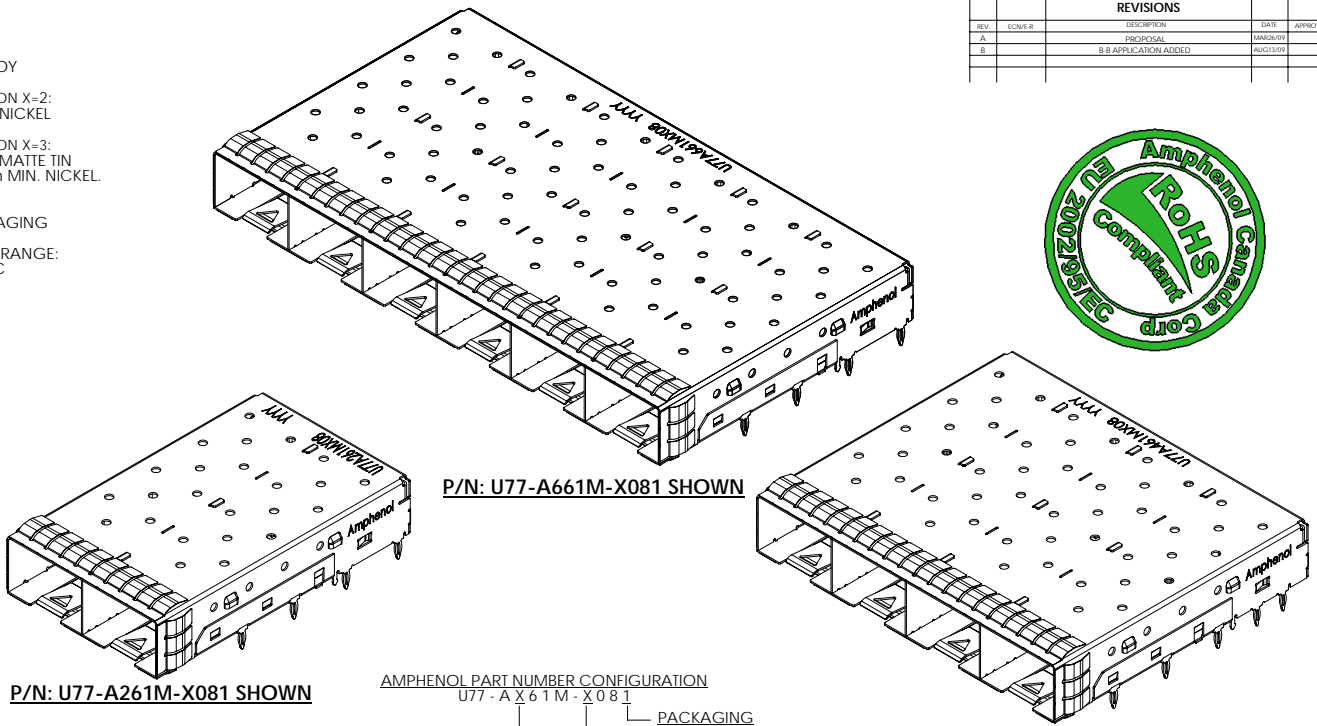
PLATING OPTION X=2:  
 2.54um MIN. NICKEL

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

PACKAGING:  
 TRAY PACKAGING

TEMPERATURE RANGE:  
 -40C TO +85C

REVISIONS				
REV.	ECN/EA	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR26/09	
B		B.B APPLICATION ADDED	AUG13/09	



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

**NOTE:**

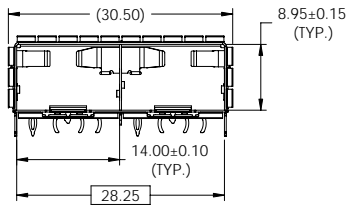
**PRODUCT COMPLIES WITH SFF 8433 SPEC.**

**DO NOT SCALE DRAWING**

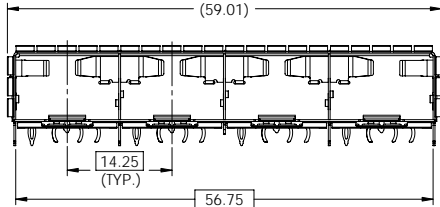
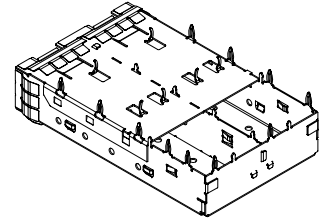
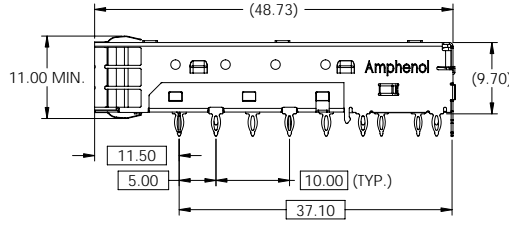
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS		APPROVALS	DATE	Amphenol Canada Corp.	
DECIMALS	ANGLES	DRAWN: ChigowX	MAR14/09	TITLE	
X.X ± 0.25	± 1°	DESIGNED		1XN SFP+ CAGE ASSY WITH SPRING FINGER GASKET	
MATERIAL AND FINISH		CHECKED: J.SI	MAR26/09	DWG. NO. P-U77-AX61M-X081	
SEE NOTE 1		DATE APP'D		REV. B	
REF.		DATE APP'D		SCALE 2:1	
CODE IDENT. NO. 03554		DATE APP'D A.G.	MAR26/09	PROJECT	
				SHEET 1 OF 10	

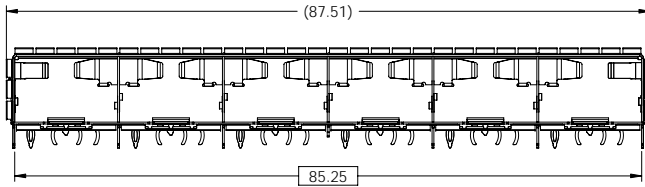
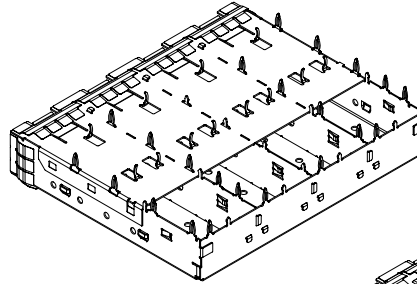
REVISIONS			
REV.	ECN/EA	DESCRIPTION	DATE
A		PROPOSAL	MAR26/09
B		B.B APPLICATION ADDED	AUG13/09



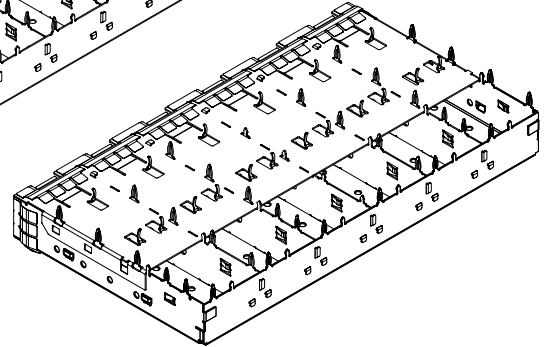
U77-A261M-X081



U77-A461M-X081



U77-A661M-X081

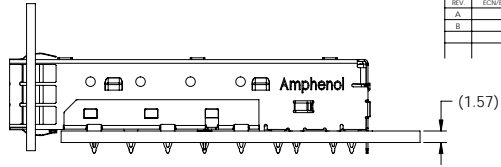


<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:</small> DECIMALS ANGLES X.X ± 0.25 ± 1° X.XX ± 0.25	<b>APPROVALS</b>	<b>DATE</b>	<b>Amphenol Canada Corp.</b>  <b>1XN SFP+ CAGE ASSY WITH SPRING FINGER GASKET</b>
	DRAWN: ChigowX	MAR14/09	
	CHECKED: J. SI	MAR26/09	
	DATE APPD:		
SEE NOTE 1			
REF:	DATE APPD:		
COORD. REF. NO.: 03554	DATE APPD: A.G.	MAR26/09	SCALE: 2:1
			PROJECT: P-U77-AX61M-X081
			REV: B
			SHEET: 2 OF 10

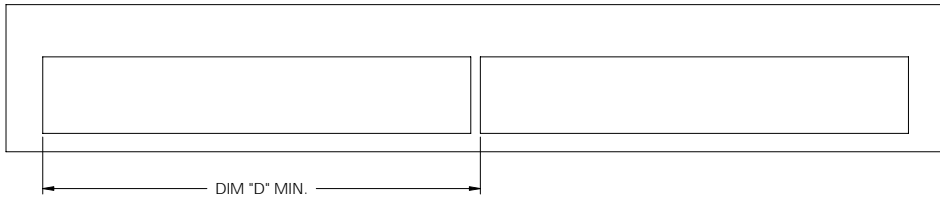
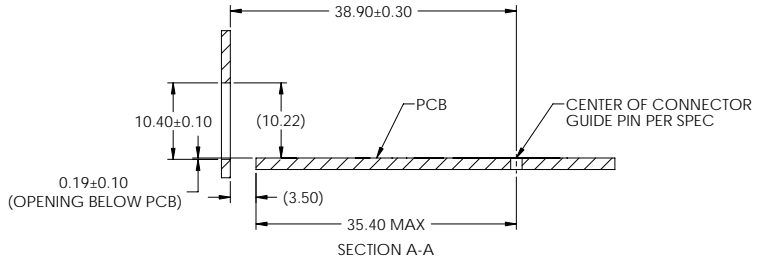
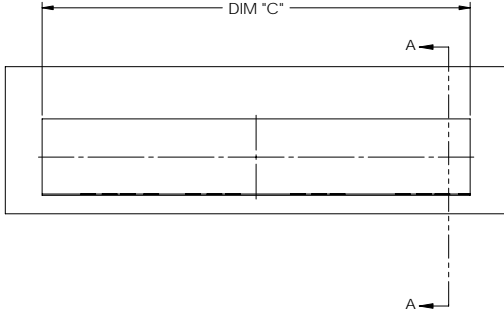
DO NOT SCALE DRAWING

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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.A.	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR26/09	
B		B.B APPLICATION ADDED	AUG13/09	

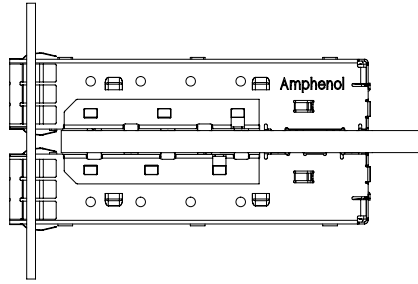


<small>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE:</small> DECIMALS: X.X ± 0.38 ANGLES: ± 1° <small>MATERIAL AND FINISH: SEE NOTE 1</small>	<b>APPROVALS</b>	<b>DATE</b>	<b>Amphenol Canada Corp.</b>  <b>1XN SFP+ CAGE ASSY WITH SPRING FINGER GASKET</b>
	DRAWN: ChigowX	MAR14/09	
	CHECKED: J. SI	MAR26/09	
	DATE APPD:		
REF:	E APPD:		REV: A3
CODE/REV: NO. 03554	ENG APPD: A.G.	MAR26/09	DWG. NO. P-U77-AX61M-X081
			SCALE: 2:1
			PROJECT:
			SHEET: 3 OF 10

**DO NOT SCALE DRAWING**

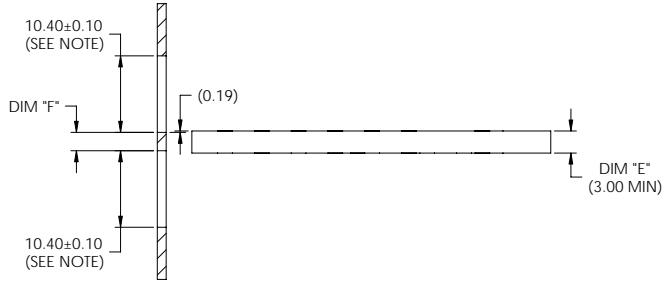
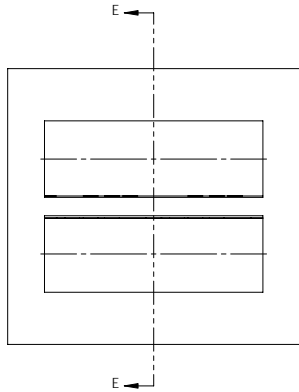
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REVISIONS				
REV.	ECN/E.A.	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR26/09	
B		B.B APPLICATION ADDED	AUG13/09	



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

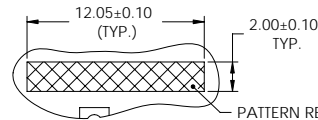
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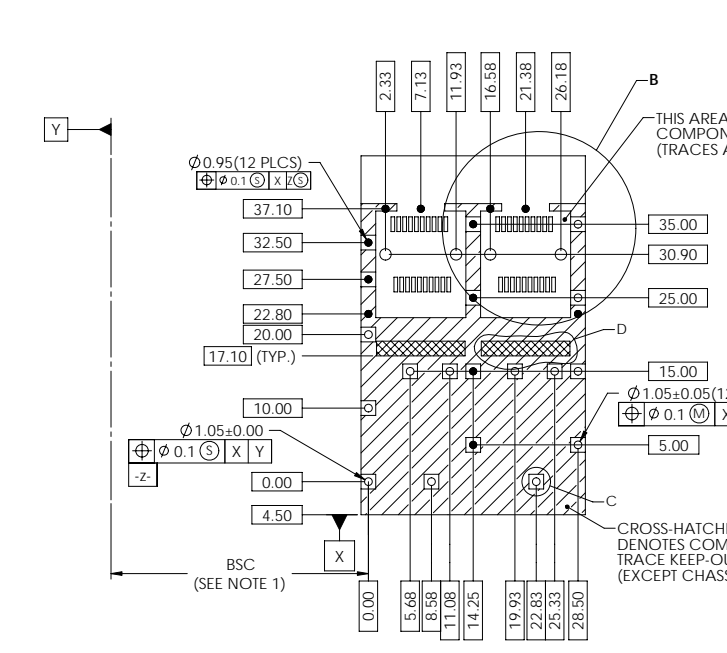
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS		<b>APPROVALS</b>		<b>DATE</b>	<b>Amphenol Canada Corp.</b>	
DECIMALS	ANGLES	DRAWN: <b>ChigowX</b>		MAR14/09	TITLE	
XX ± 0.38	± 1°	CHECKED:			1XN SFP+ CAGE ASSY WITH SPRING FINGER GASKET	
XXX ± 0.25		DA APPD: <b>J. SI</b>		MAR26/09		
MATERIAL AND FINISH		SEE NOTE 1				
REF:	E APPD:			REV: <b>A3</b>	DWG. NO: <b>P-U77-AX61M-X081</b>	REV: <b>B</b>
COORD. REF. NO: <b>03554</b>	ENG. APPD: <b>A.G.</b>	MAR26/09	SCALE: <b>2:1</b>	PROJECT:	SHEET: <b>4 OF 10</b>	

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

REVISIONS			
REV.	ECN/EA	DESCRIPTION	DATE
A		PROPOSAL	MAR26/09
B		B.B APPLICATION ADDED	AUG13/09

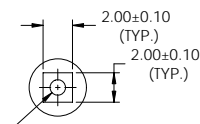


PATTERN REPEATS FOR EACH PORT. SPACING BETWEEN PORTS IS 14.25mm. APPLIES TO ALL GANGED LAYOUTS



THIS AREA DENOTES COMPONENTS KEEP-OUT (TRACES ALLOWED)

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



DETAIL C SCALE 4 : 1

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

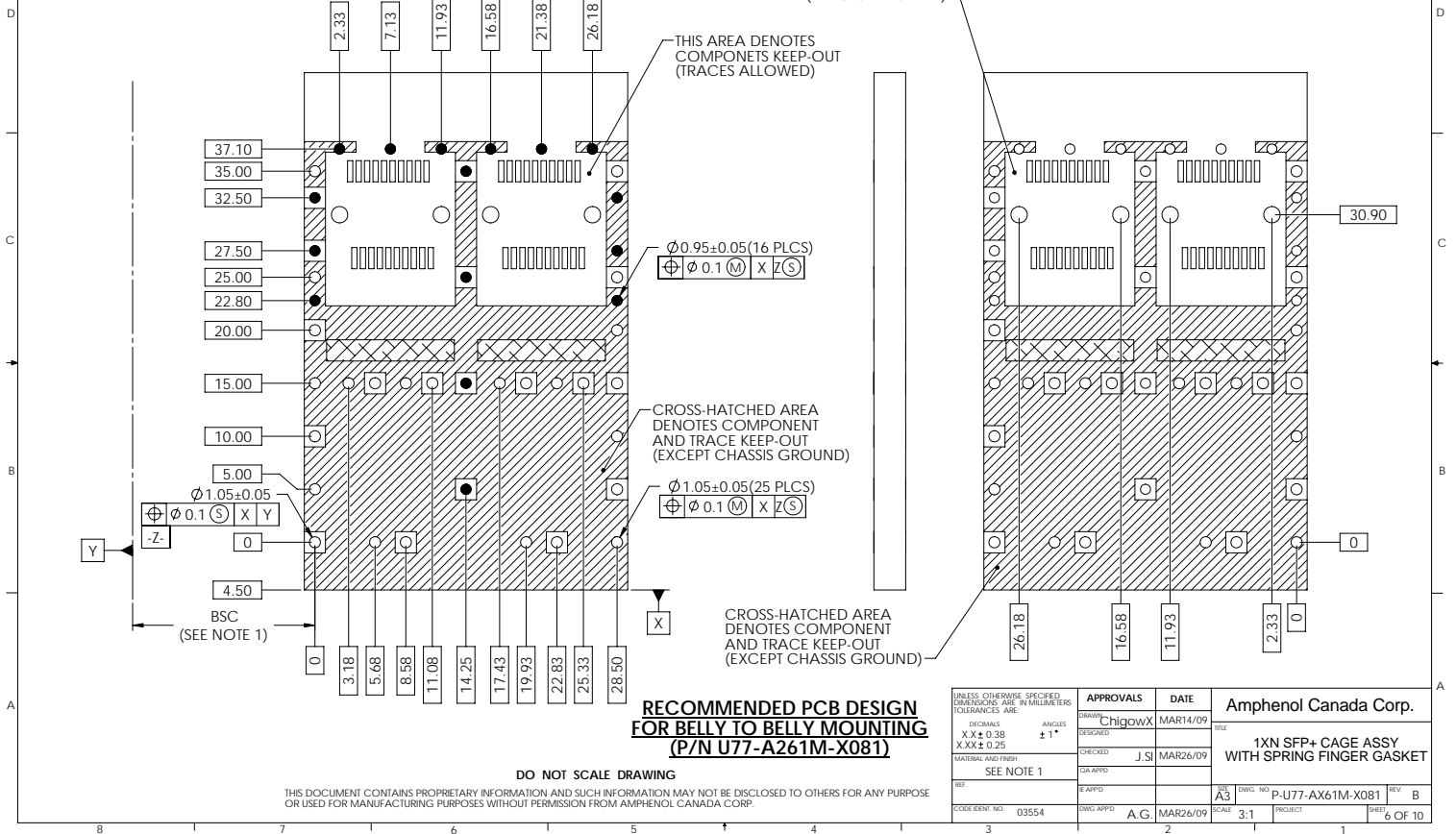
DO NOT SCALE DRAWING

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS DECIMALS ANGLES X.X ± 0.38 ± 1° X.XX ± 0.25	APPROVALS	DATE	Amphenol Canada Corp.
	DRAWN: ChigowX	MAR14/09	
MATERIAL AND FINISH SEE NOTE 1	CHECKED: J. SI	MAR26/09	1XN SFP+ CAGE ASSY WITH SPRING FINGER GASKET
REF	ENG APP'D		
CODE/REV. NO. 03554	ENG APP'D A.G.	MAR26/09	DWG. NO. P-U77-AX61M-X081
			SCALE: 2:1
			PROJECT: 5 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.	ECN/EA	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR26/09	
B		B.B APPLICATION ADDED	AUG13/09	



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

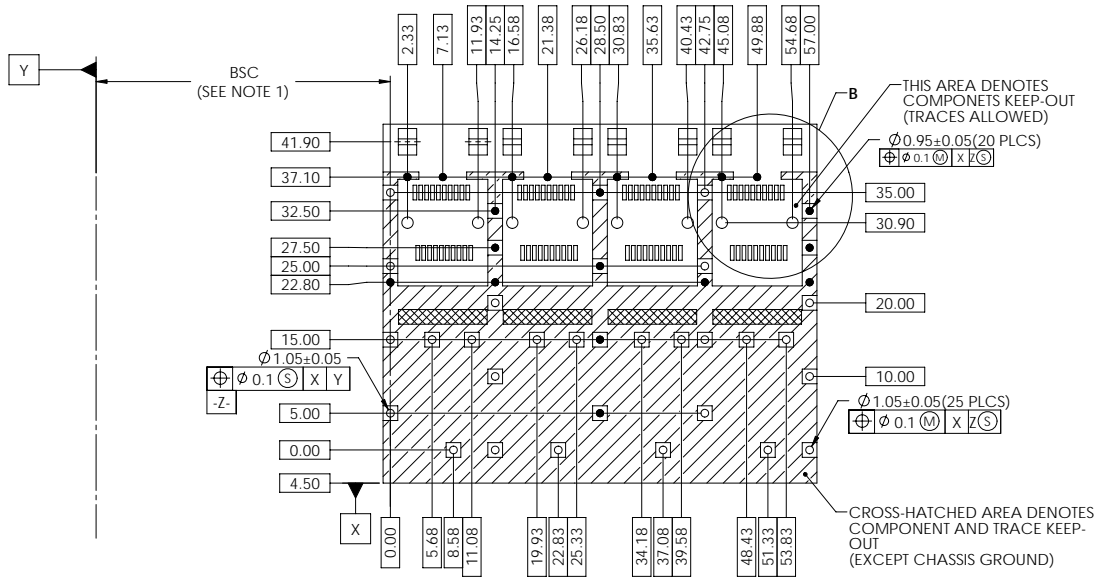
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DECIMALS	ANGLES	DRAWN: ChigowX	MAR14/09	TITLE	
X.X ± 0.38	± 1°	CHECKED: J. SI	MAR26/09	1XN SFP+ CAGE ASSY WITH SPRING FINGER GASKET	
MATERIAL AND FINISH	SEE NOTE 1	DA APP'D:		REV. A3	DWG. NO. P-U77-AX61M-X081
REF:		EA APP'D:		SCALE: 3:1	PROJECT: P-U77-AX61M-X081
CODE/REV. NO. 03554		ENG. APP'D: A.G.	MAR26/09	REV. B	DWG. 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.	ECN/EA	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR26/09	
B		B.B APPLICATION ADDED	AUG13/09	



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

DO NOT SCALE DRAWING

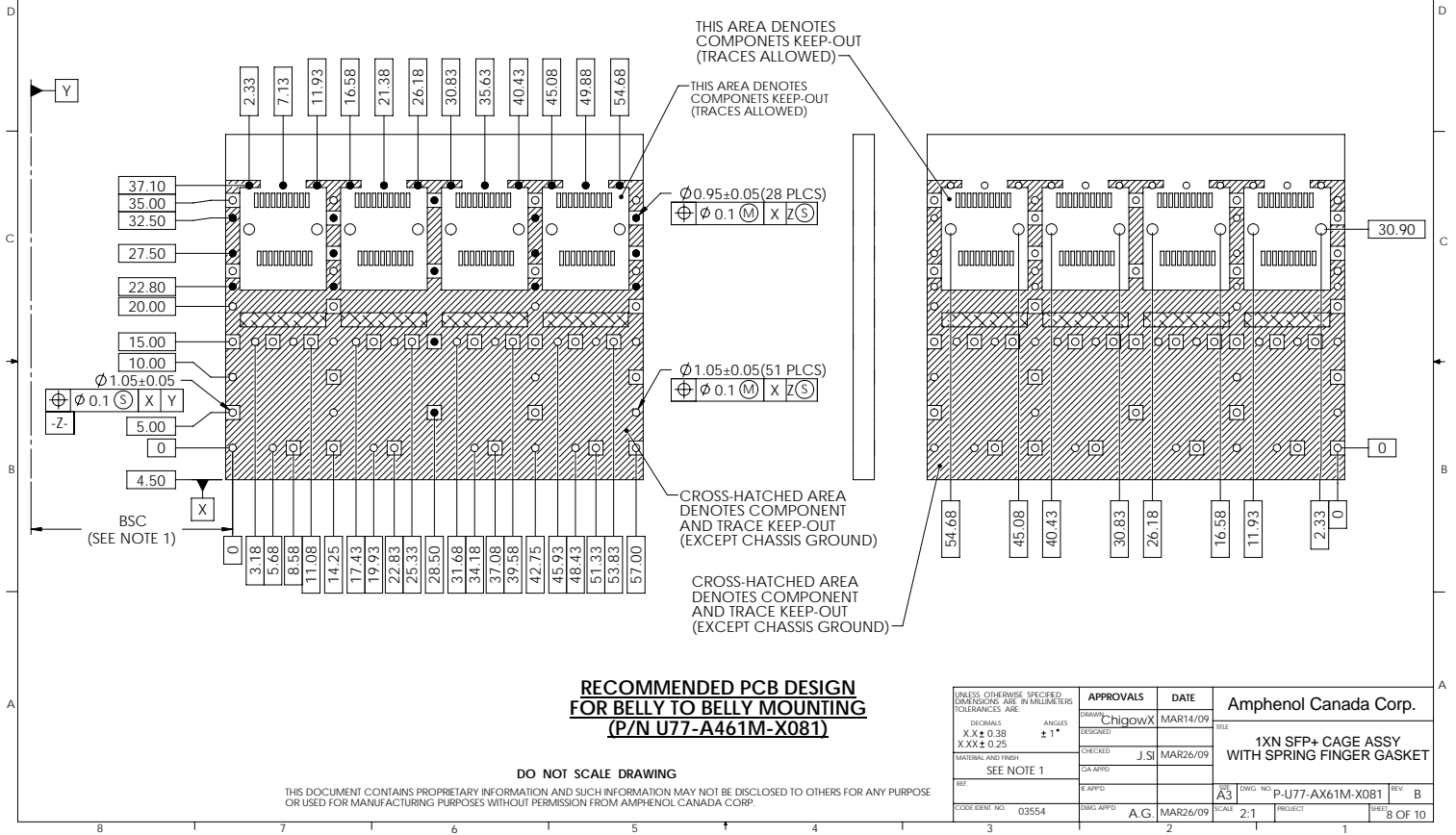
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DECIMALS	ANGLES	DRAWN: ChigowX	MAR14/09	TITLE	
X.X ± 0.38	± 1°	CHECKED:		1XN SFP+ CAGE ASSY WITH SPRING FINGER GASKET	
MATERIAL AND FINISH		DA APPD: J. SI	MAR26/09	DWG. NO. P-U77-AX61M-X081	
SEE NOTE 1		REF:		REV. A3	B
CODE/REV. NO. 03554		ENG. APPD: A.G.	MAR26/09	SCALE 1:1	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.	ECN/EA	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR26/09	
B		B.B APPLICATION ADDED	AUG13/09	



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

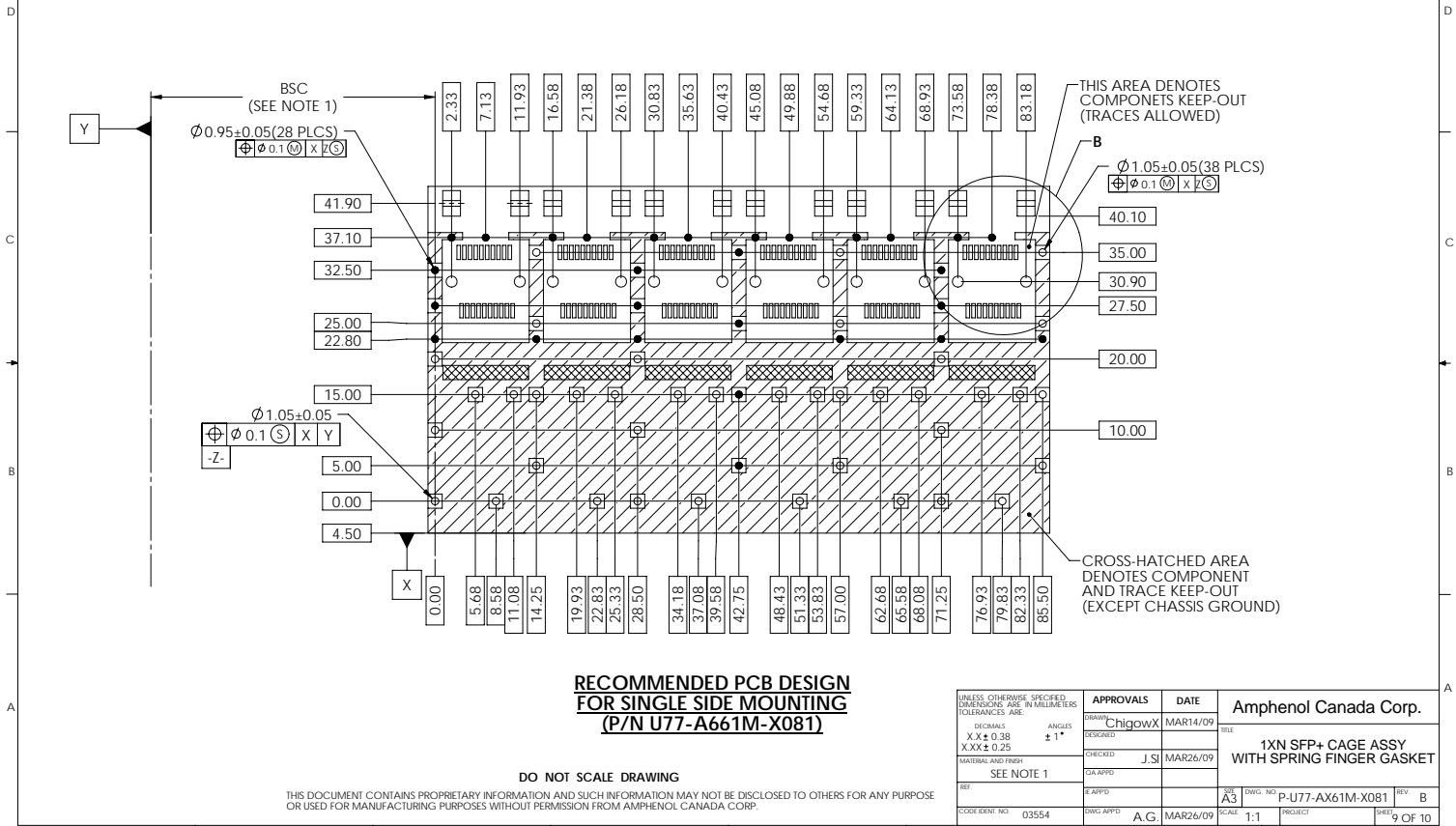
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS DECIMALS ANGLES X.X ± 0.25 ± 1° X.XX ± 0.25	APPROVALS	DATE	Amphenol Canada Corp.
	DRAWN: ChiqowX	MAR14/09	
	CHECKED: J. SI	MAR26/09	1XN SFP+ CAGE ASSY WITH SPRING FINGER GASKET
	SEE NOTE 1		
REF	E APP'D	REV. A3	DWG. NO. P-U77-AX61M-X081
COORD. REF. NO. 03554	ENG. APP'D A.G.	MAR26/09	SCALE: 2:1
			PROJECT
			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.	ECN/EA	DESCRIPTION	DATE
A		PROPOSAL	MAR26/09
B		B.B APPLICATION ADDED	AUG13/09



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

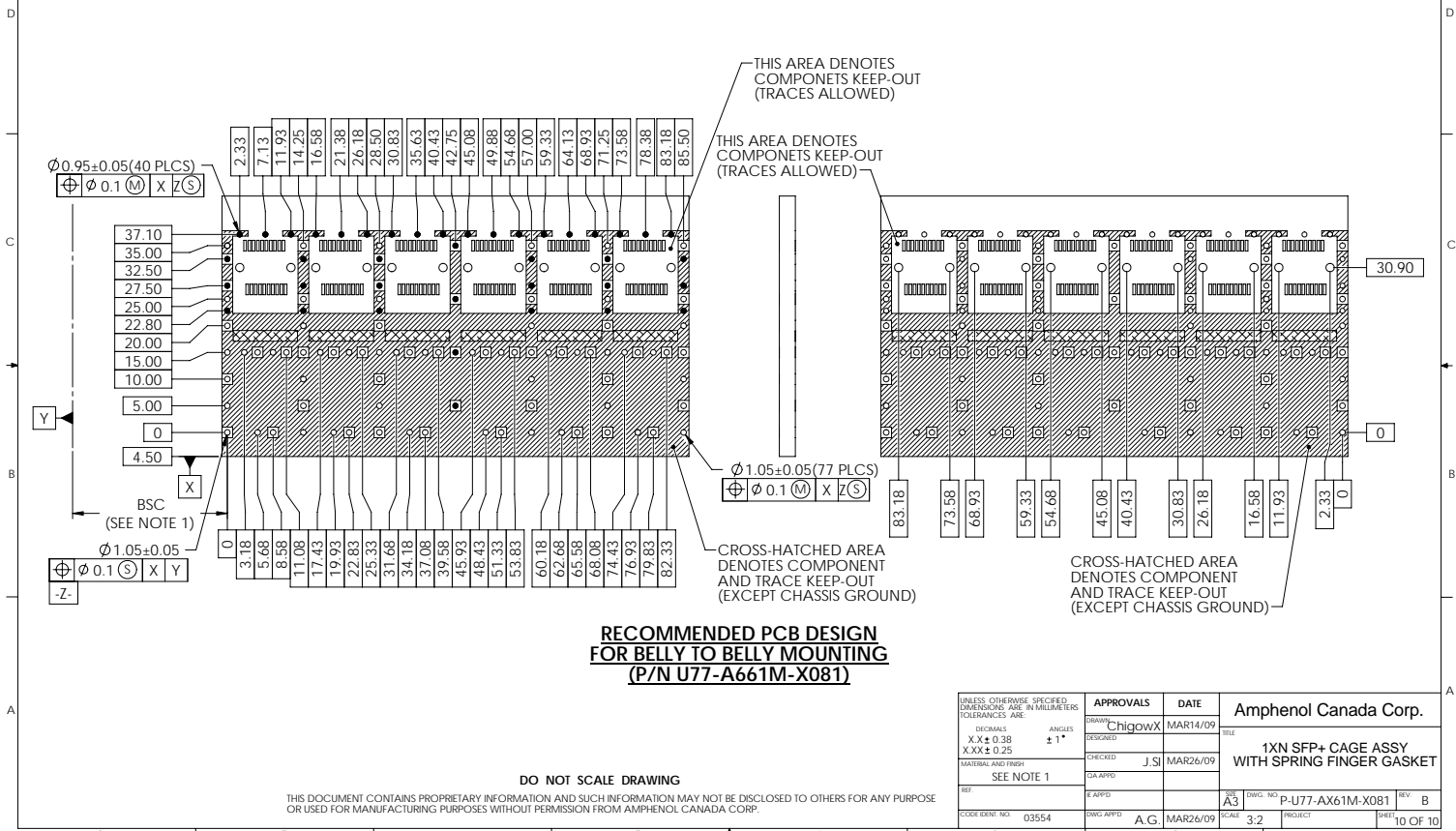
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	DRAWN: ChiqowX	MAR14/09	
MATERIAL AND FINISH SEE NOTE 1	CHECKED: J. SI	MAR26/09	1XN SFP+ CAGE ASSY WITH SPRING FINGER GASKET
REF	BY APP'D		DWG. NO. P-U77-AX61M-X081
COORD. REF. NO. 03554	BY APP'D A.G.	MAR26/09	SCALE 1:1
			PROJECT
			SHEET 9 OF 10

- 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.	ECN/EA	DESCRIPTION	DATE
A		PROPOSAL	MAR26/09
B		B.B APPLICATION ADDED	AUG13/09



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DECIMALS	ANGLES	DRAWN: ChiqowX	MAR14/09	TITLE	
X.X ± 0.38	± 1°	DESIGNED		1XN SFP+ CAGE ASSY WITH SPRING FINGER GASKET	
MATERIAL AND FINISH		CHECKED: J. SI	MAR26/09	DWG. NO. P-U77-AX61M-X081	
SEE NOTE 1		QA APPD		REV. B	
REF		ENG APPD		SCALE 3:2	
COORD. REF. NO. 03554		ENG APPD: A.G.	MAR26/09	PROJECT	
				SHEET 10 OF 10	