

MATERIAL:

CAGE:
COPPER ALLOY

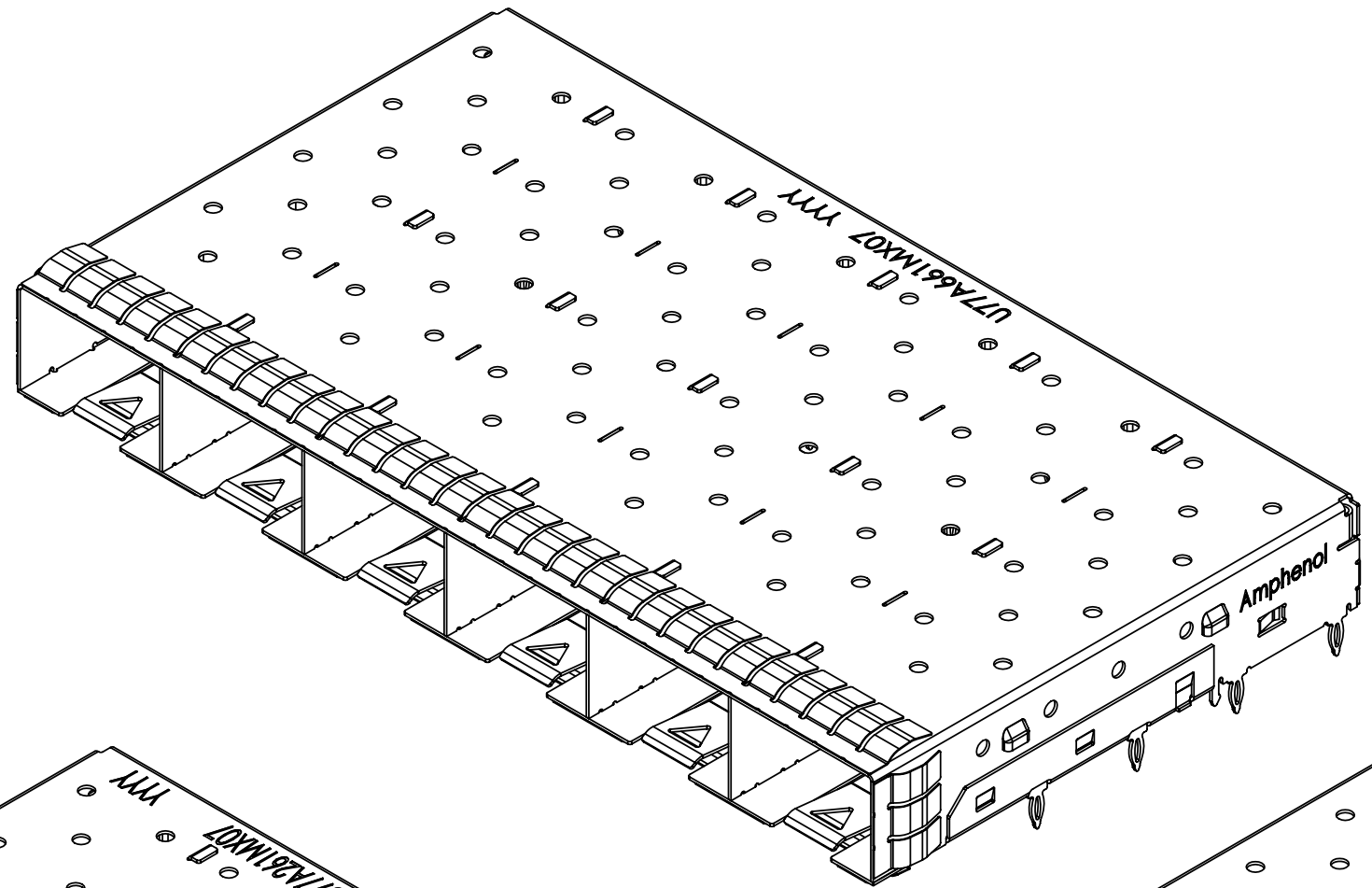
PLATING OPTION X=2:
2.54um MIN. NICKEL

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

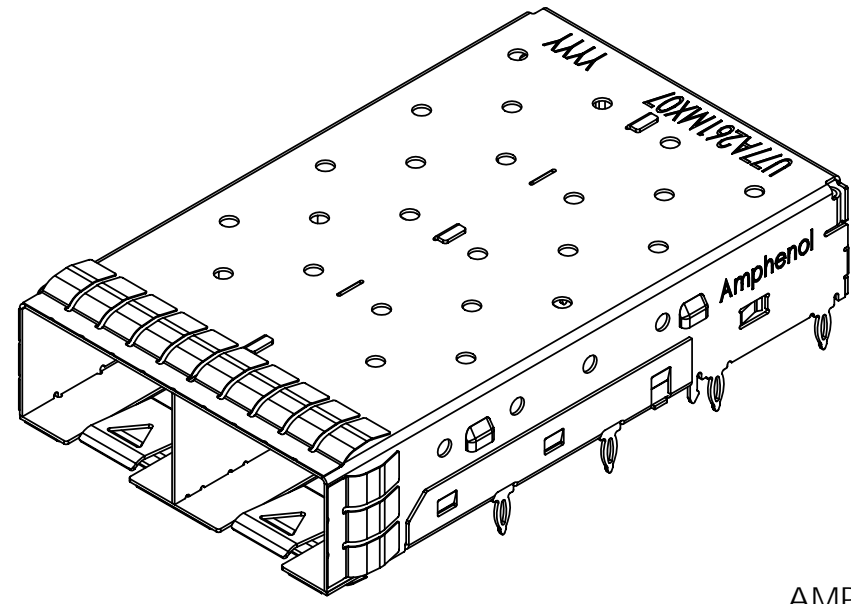
PACKAGING:
TRAY PACKAGING

TEMPERATURE RANGE:
-40C TO +85C

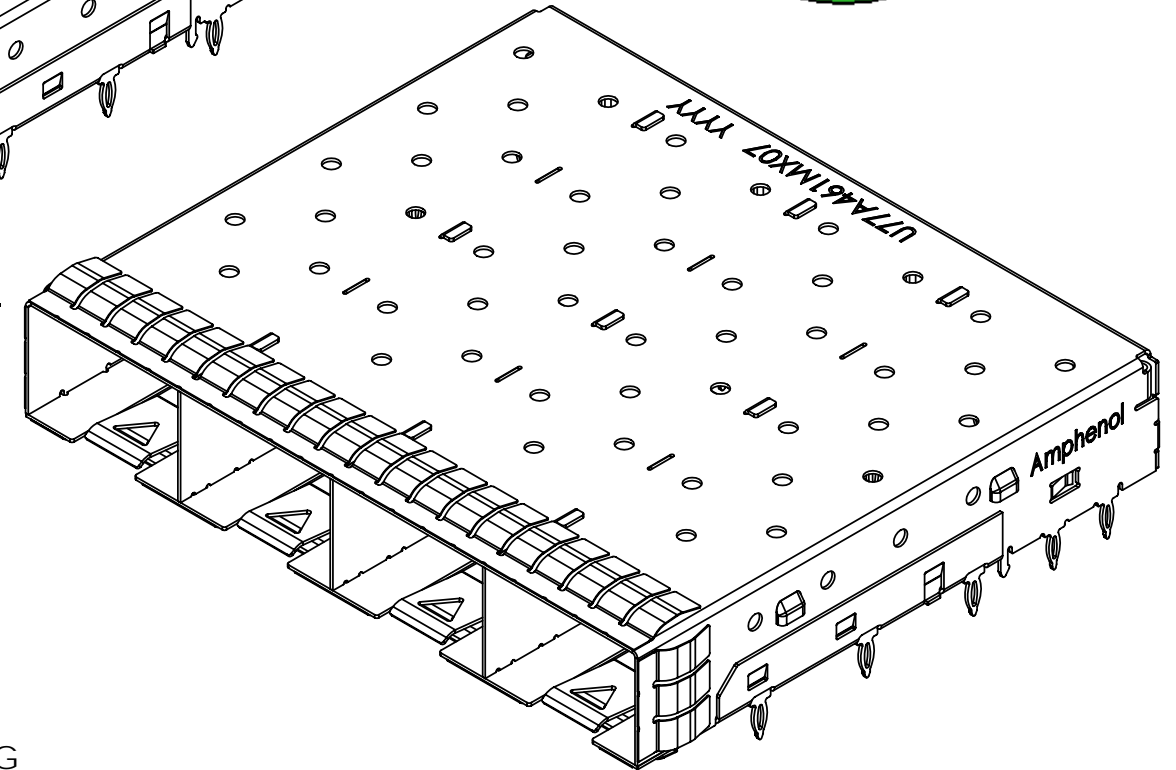
REVISIONS				
REV.	ECN/E-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR19/10	



P/N: U77-A661M-X071 SHOWN



P/N: U77-A261M-X071 SHOWN



P/N: U77-A461M-X071 SHOWN

AMPHENOL PART NUMBER CONFIGURATION

U77 - A X 6 1 M - X 0 7 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

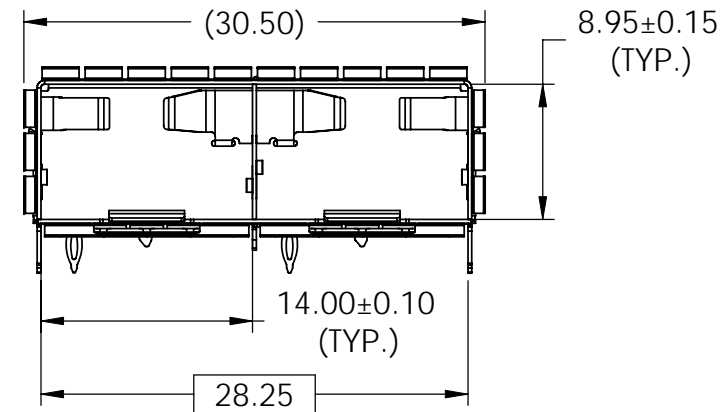
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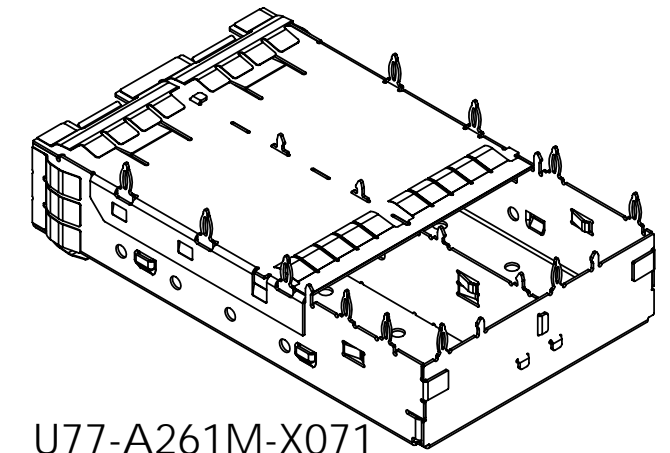
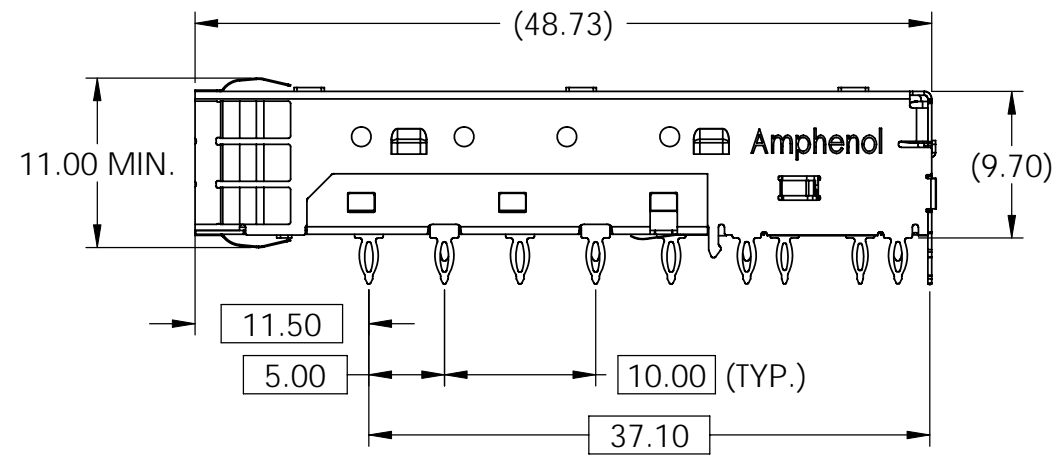
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE	Amphenol Canada Corp.
DECIMALS	ANGLES	DRAWN	J.SI	MAR18/10	
X.X ± 0.38	± 1°	DESIGNED			
X.XX ± 0.25		CHECKED			
MATERIAL AND FINISH		QA APPD			TITLE 1XN SFP+ CAGE SPRING FINGER EMI, WITH EXTRA BOTTOM GROUND FINGERS (NO MID G-PINS)
SEE NOTE 1		IE APPD			
REF.		DWG APPD			SIZE A3
CODE IDENT. NO.	03554	PROJECT			DWG. NO. P-U77-AX61M-X071
		SCALE		2:1	REV. A
		SHEET		1 OF 10	

REVISIONS

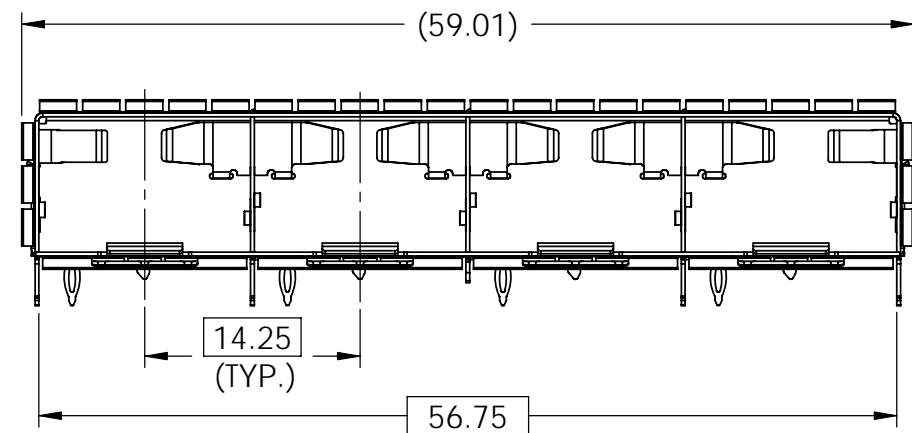
REV.	ECN/E-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR19/10	



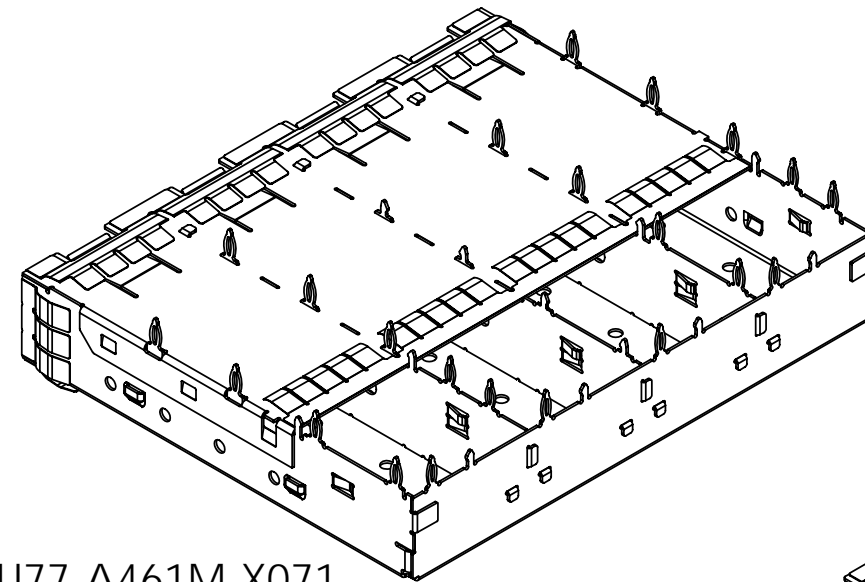
U77-A261M-X071



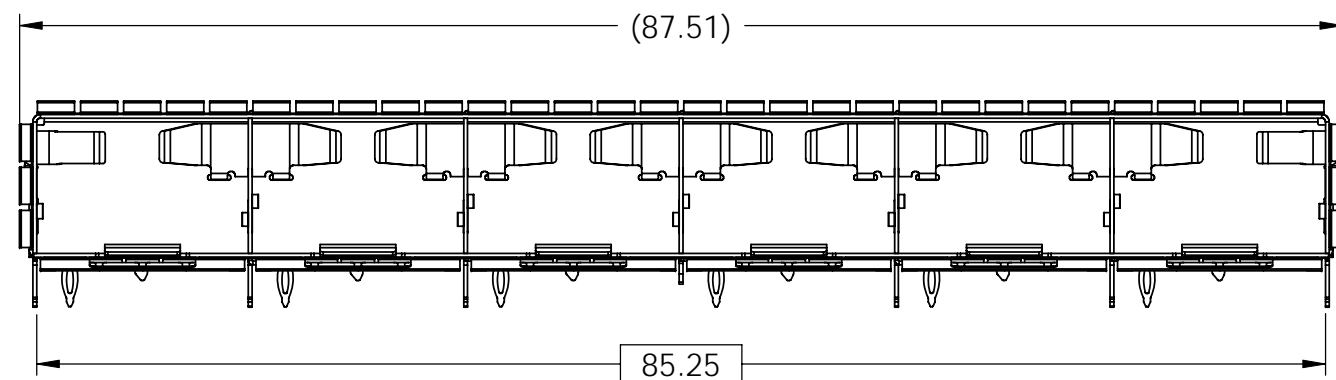
U77-A261M-X071



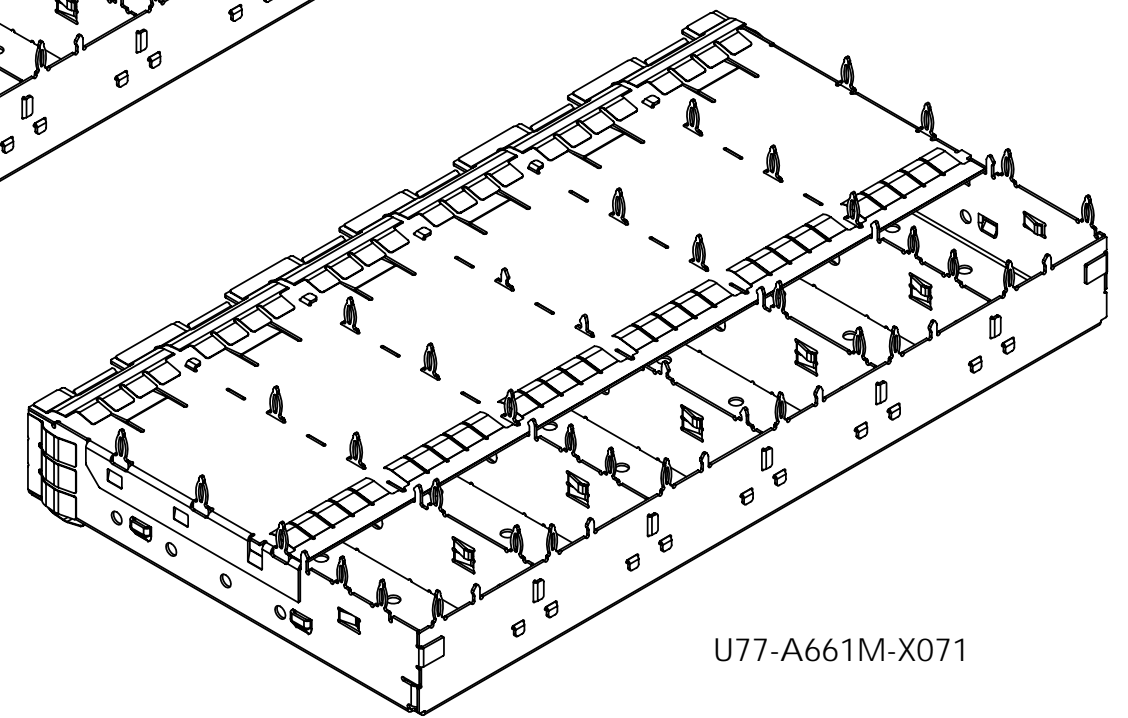
U77-A461M-X071



U77-A461M-X071



U77-A661M-X071



U77-A661M-X071

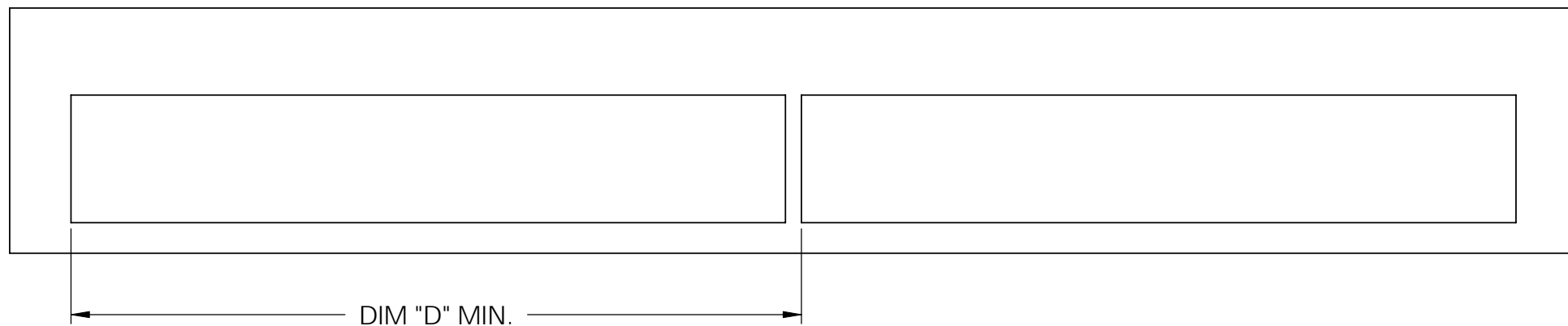
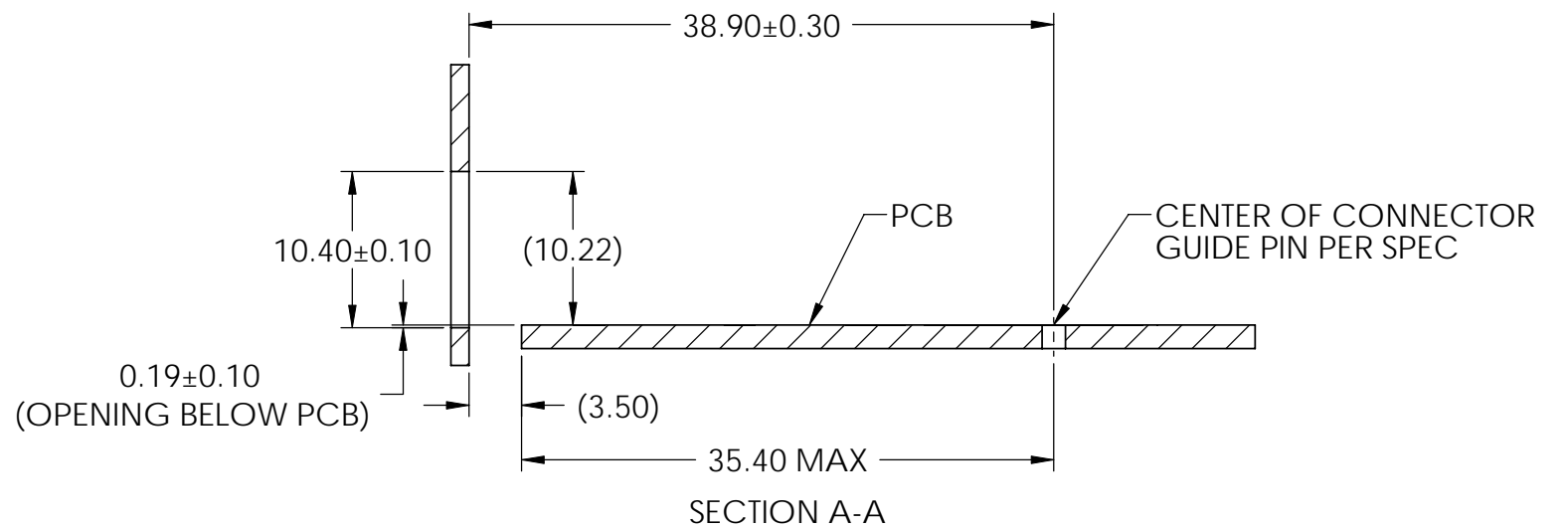
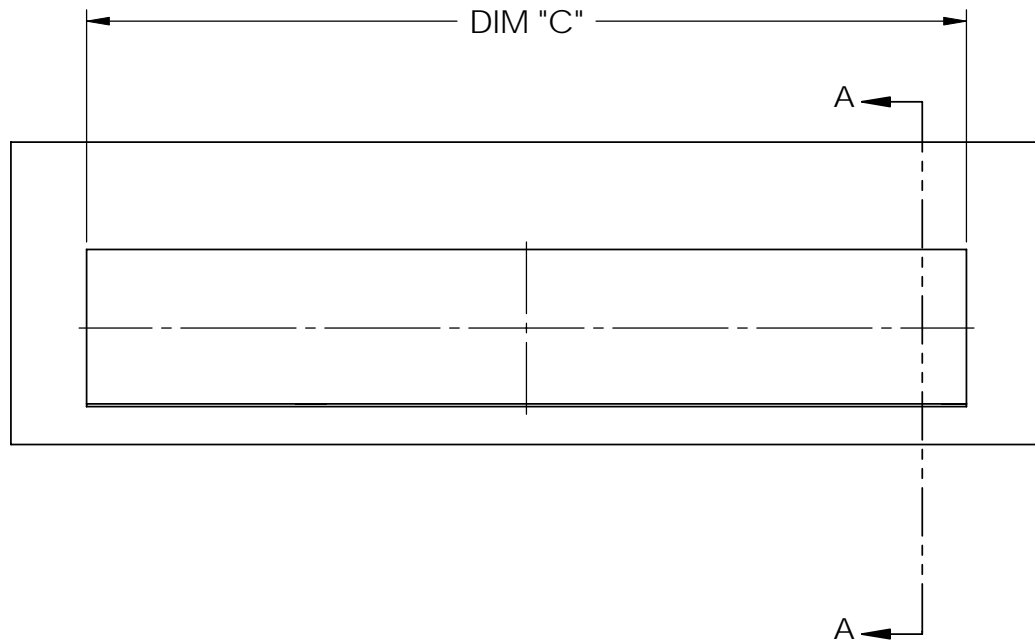
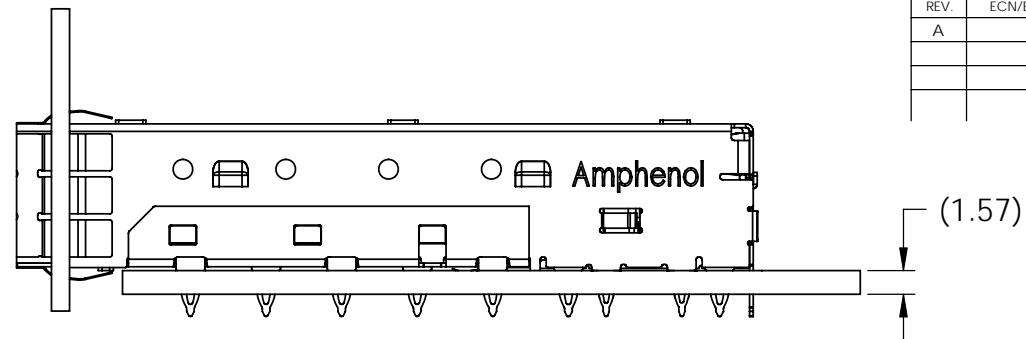
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DECIMALS X.X ± 0.38 X.XX ± 0.25	ANGLES ± 1°	DRAWN J.SI	MAR18/10	TITLE 1XN SFP+ CAGE SPRING FINGER EMI, WITH EXTRA BOTTOM GROUND FINGERS (NO MID G-PINS)			
MATERIAL AND FINISH SEE NOTE 1		DESIGNED					
REF.		CHECKED					
CODE IDENT. NO. 03554	DWG APPD	QA APPD					
SIZE A3	DWG. NO. P-U77-AX61M-X071	IE APPD		SCALE 2:1	PROJECT	REV. A	
					SHEET	2 OF 10	

PART NUMBER	DIM "C"	DIM "D"
U77-A261M-X071	29.70	31.00
U77-A461M-X071	58.20	59.50
U77-A661M-X071	86.70	88.00

REVISIONS				
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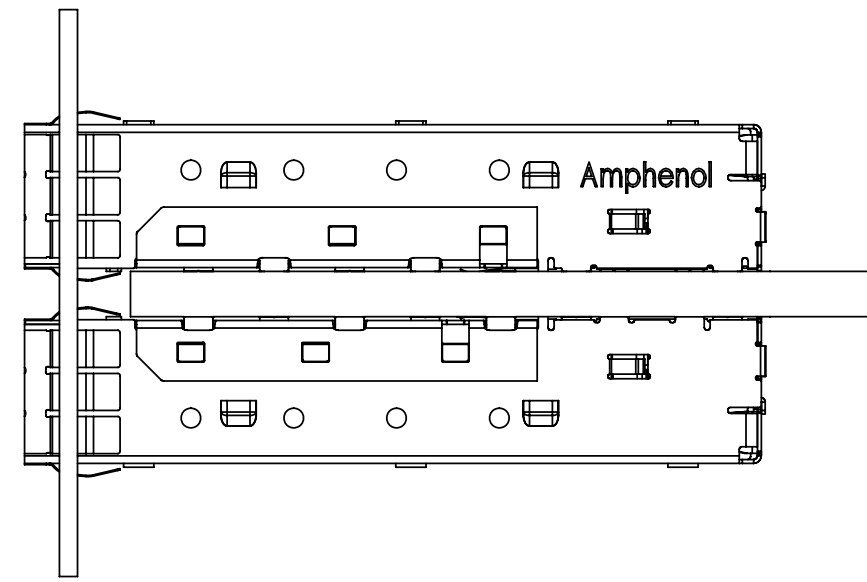
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE	Amphenol Canada Corp. TITLE 1XN SFP+ CAGE SPRING FINGER EMI, WITH EXTRA BOTTOM GROUND FINGERS (NO MID G-PINS)	
DECIMALS	ANGLES	DRAWN	J.SI	MAR18/10		
X.X ± 0.38	± 1°	DESIGNED				
X.XX ± 0.25		CHECKED				
MATERIAL AND FINISH		QA APPD				
SEE NOTE 1						
REF.		IE APPD				
CODE IDENT. NO. 03554		DWG APPD				
SIZE	DWG. NO.	PROJECT	SHEET		REV.	
A3	P-U77-AX61M-X071		3 OF 10		A	
SCALE						
2:1						

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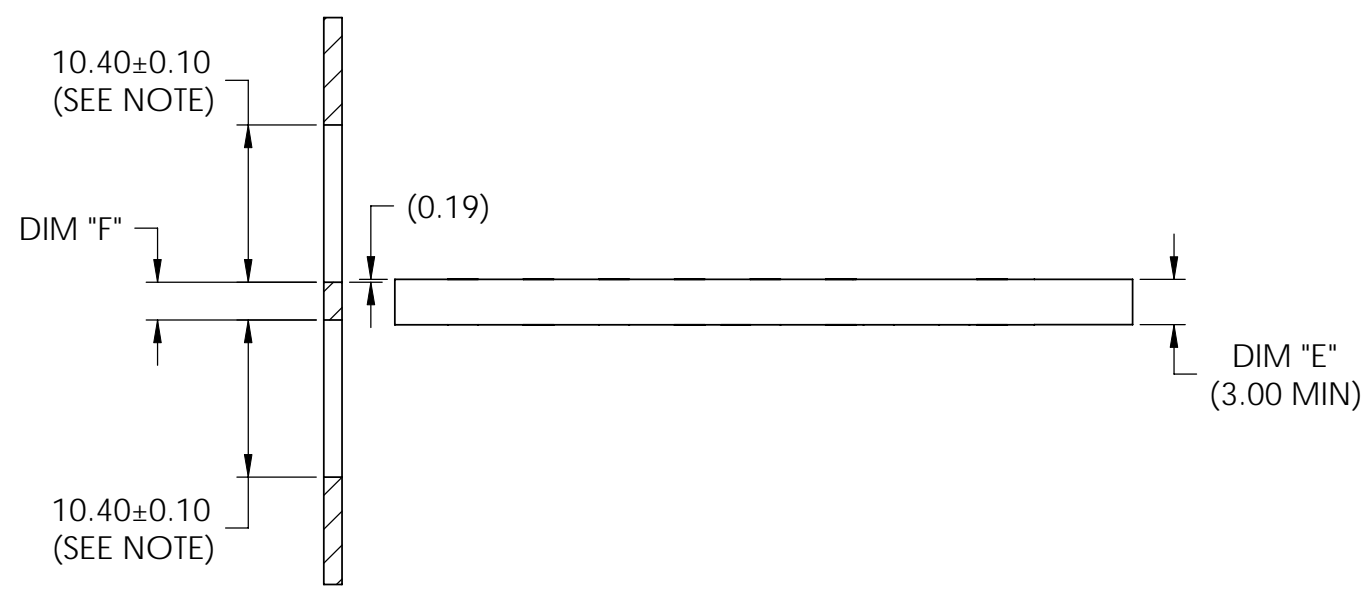
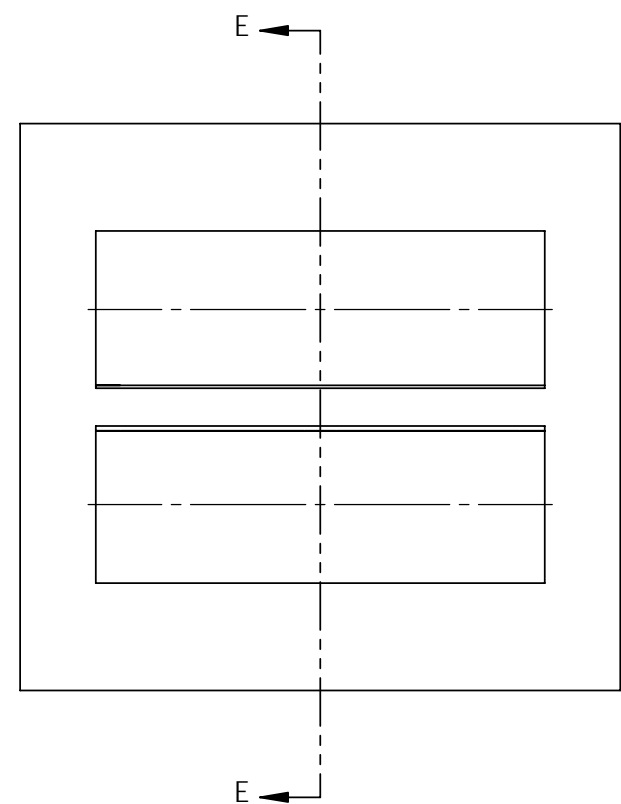
REVISIONS

REV.	ECN/E-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR19/10	



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

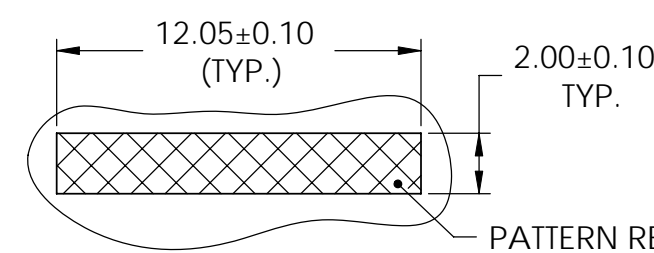
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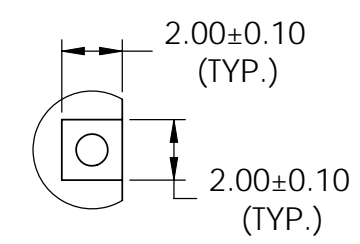
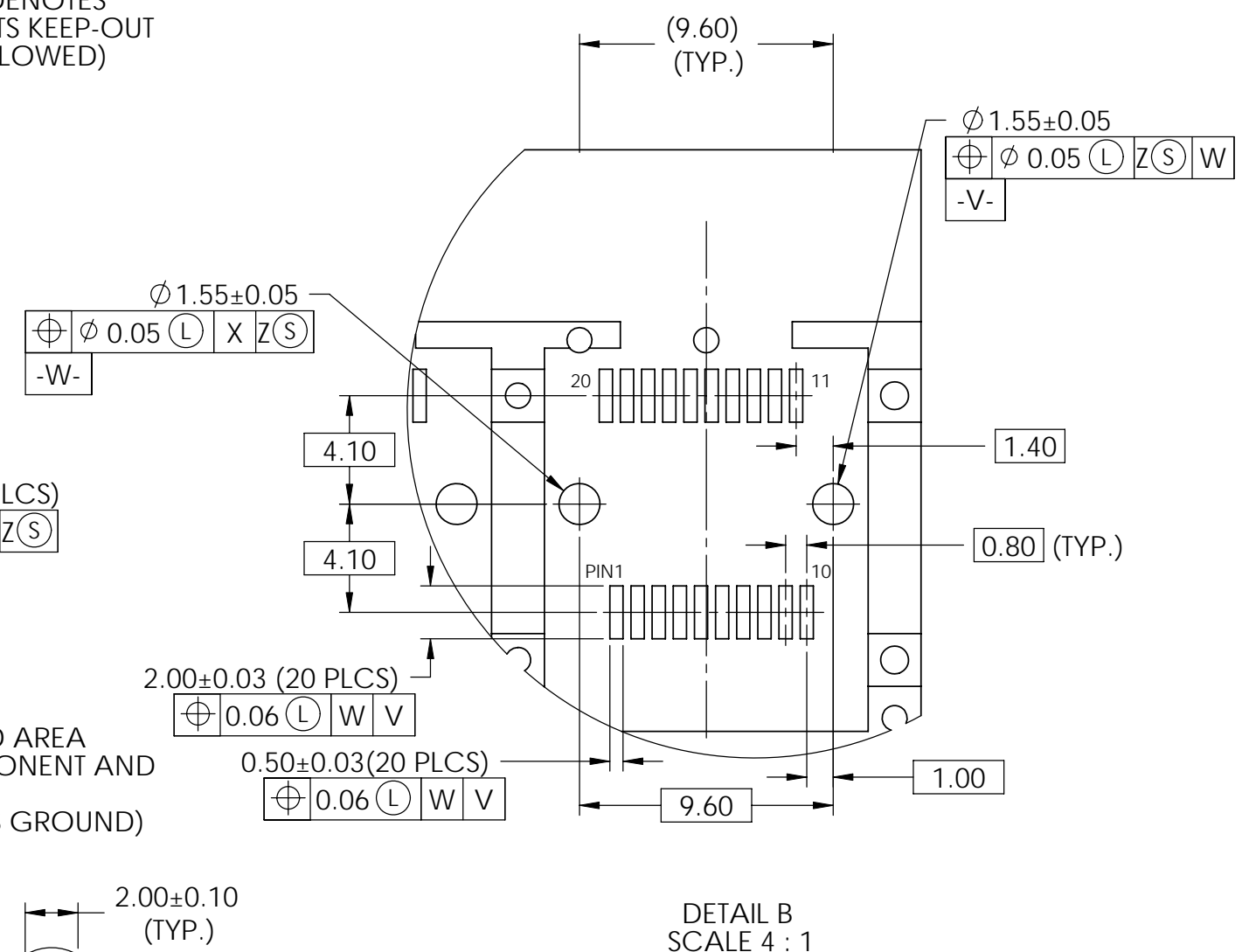
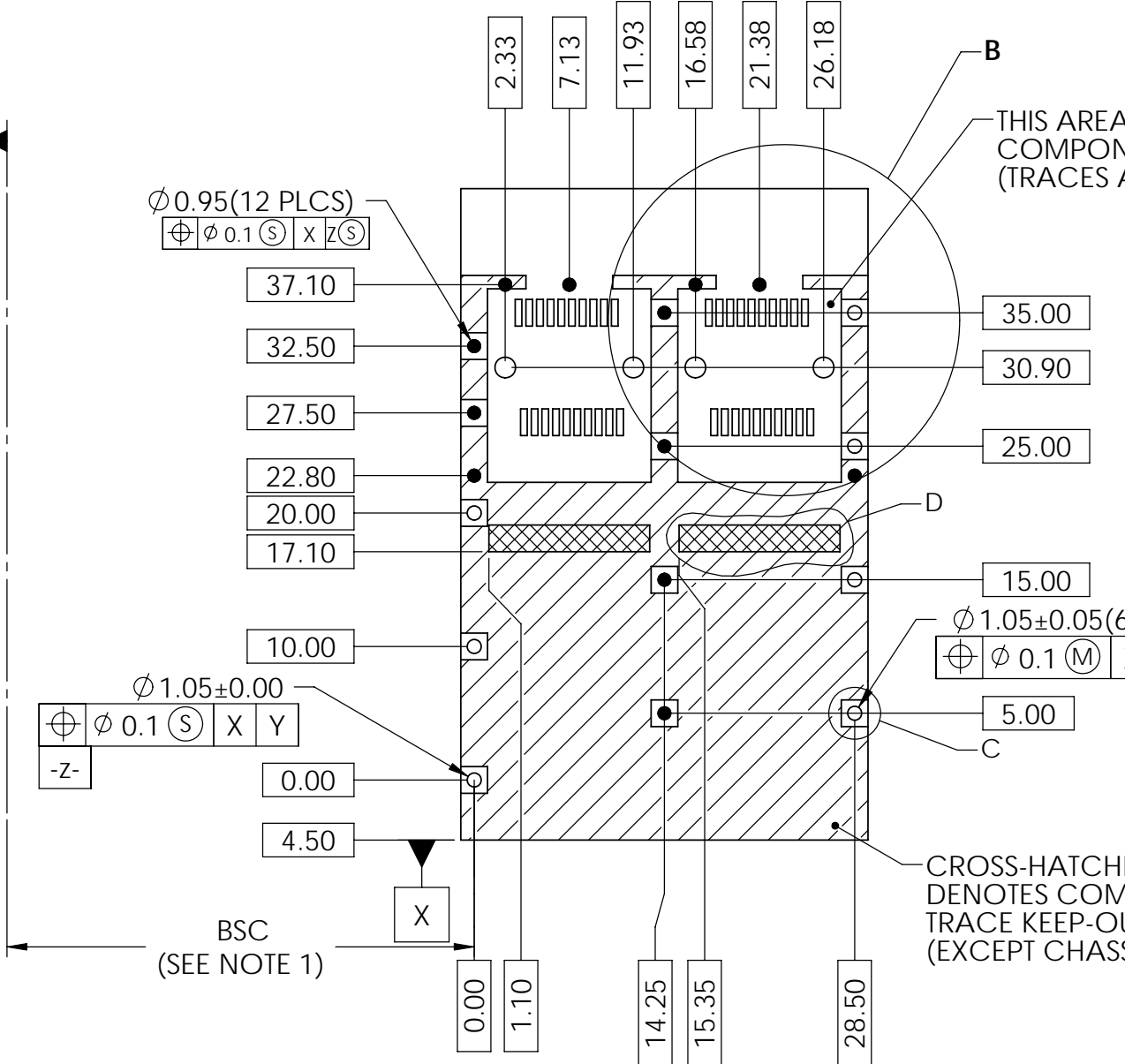
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DECIMALS X.X ± 0.38 X.XX ± 0.25	ANGLES ± 1°	DRAWN J.SI	MAR18/10	TITLE 1XN SFP+ CAGE SPRING FINGER EMI, WITH EXTRA BOTTOM GROUND FINGERS (NO MID G-PINS)	
MATERIAL AND FINISH SEE NOTE 1		DESIGNED			
REF.		CHECKED			
CODE IDENT. NO. 03554		QA APPD			
		IE APPD		SIZE A3	DWG. NO. P-U77-AX61M-X071
		DWG APPD		SCALE 2:1	PROJECT
					REV. A
					SHEET 4 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/E-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR19/10	



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



**RECOMMENDED PCB DESIGN
 FOR SINGLE SIDE MOUNTING
 (P/N U77-A261M-X071)**

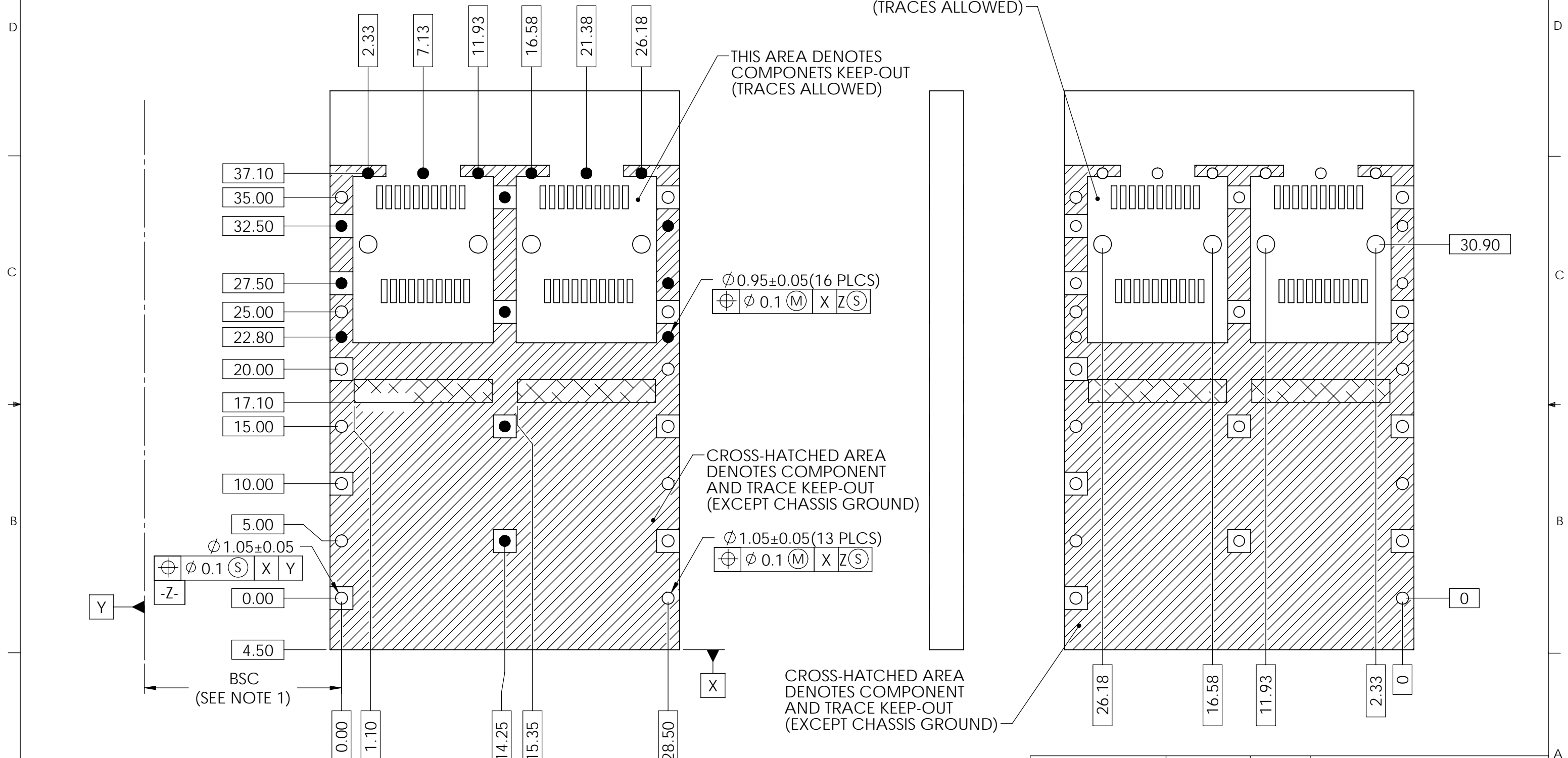
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS X.X ± 0.38 X.XX ± 0.25 MATERIAL AND FINISH SEE NOTE 1 REF. CODE IDENT. NO. 03554	APPROVALS	DATE	Amphenol Canada Corp. TITLE 1XN SFP+ CAGE SPRING FINGER EMI, WITH EXTRA BOTTOM GROUND FINGERS (NO MID G-PINS) SIZE A3 DWG. NO. P-U77-AX61M-X071 REV. A SCALE 2:1 PROJECT SHEET 5 OF 10	
	DRAWN J.SI	MAR18/10		
	DESIGNED			
	CHECKED			
	QA APPD			
	IE APPD			
	DWG APPD			

- 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.

REVISIONS				
REV.	ECN/E-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR19/10	



**RECOMMENDED PCB DESIGN
 FOR BELLY TO BELLY MOUNTING
 (P/N U77-A261M-X071)**

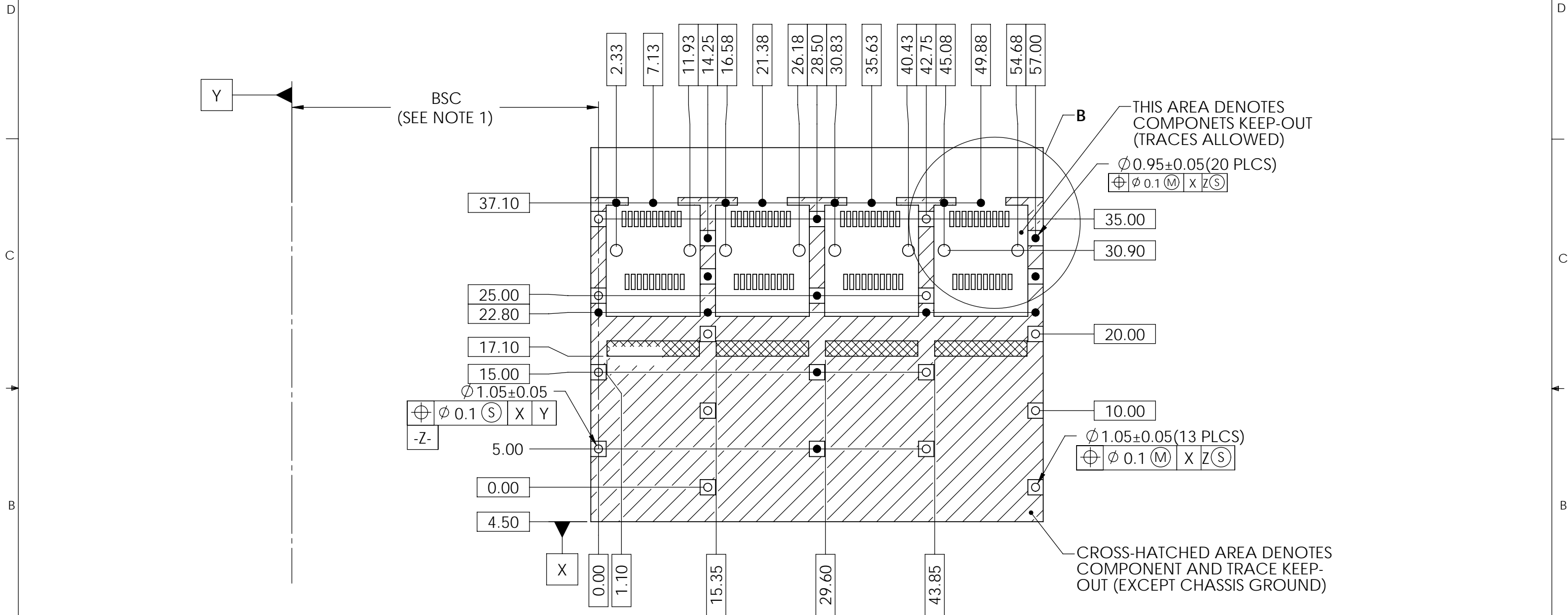
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	DRAWN	J.SI			MAR18/10
	DESIGNED				
	CHECKED				
MATERIAL AND FINISH SEE NOTE 1	QA APPD				
REF.	IE APPD		SIZE A3	DWG. NO P-U77-AX61M-X071	
CODE IDENT. NO. 03554	DWG APPD		SCALE 3:1	PROJECT SHEET 6 OF 10	

- 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.	ECN/E-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR19/10	



**RECOMMENDED PCB DESIGN
 FOR SINGLE SIDE MOUNTING
 (P/N U77-A461M-X071)**

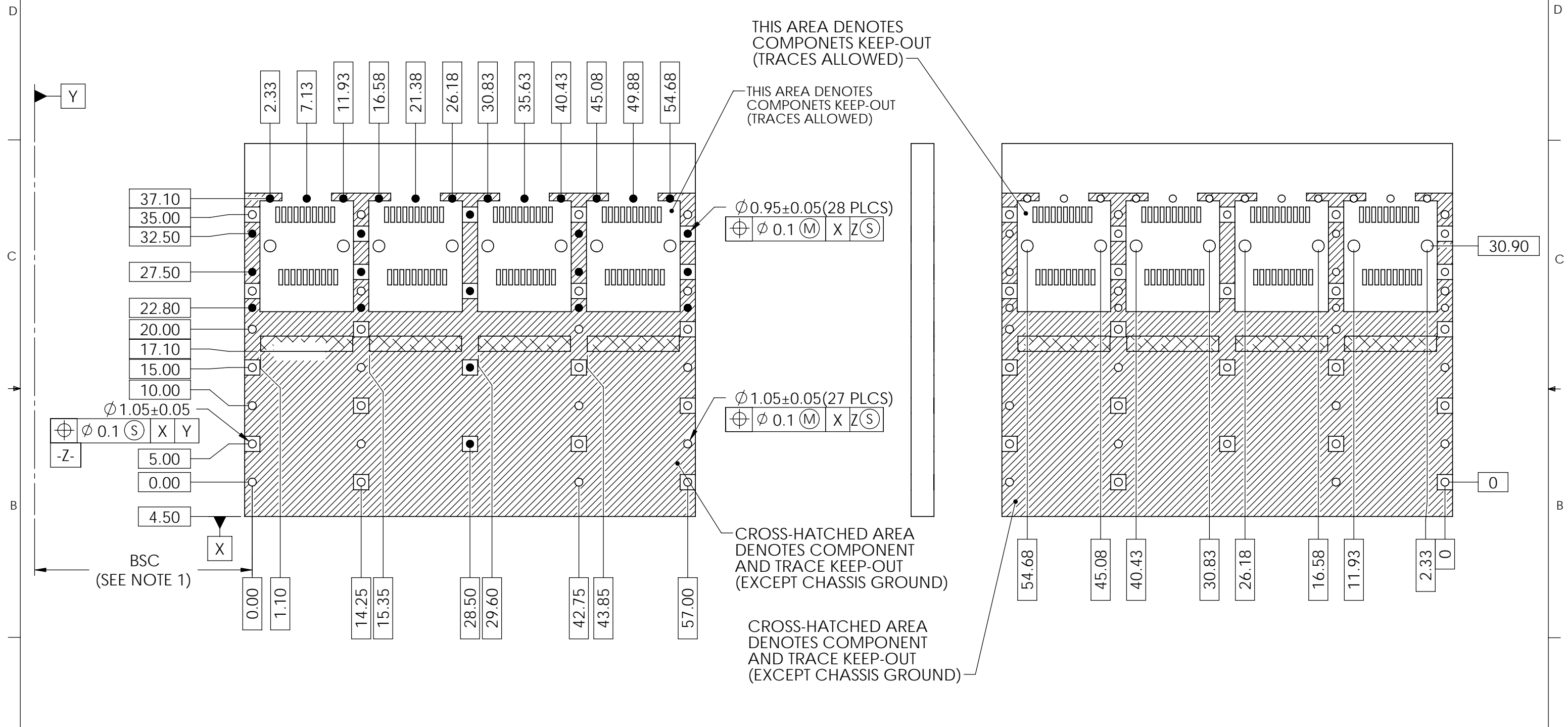
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	DRAWN	J.SI			MAR18/10
	DESIGNED				
	CHECKED				
MATERIAL AND FINISH	QA APPD		TITLE 1XN SFP+ CAGE SPRING FINGER EMI, WITH EXTRA BOTTOM GROUND FINGERS (NO MID G-PINS)		
SEE NOTE 1					
REF.	IE APPD				
CODE IDENT. NO.	DWG APPD		SIZE A3	DWG. NO. P-U77-AX61M-X071	REV. A
03554			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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A		PROPOSAL	MAR19/10	



**RECOMMENDED PCB DESIGN
 FOR BELLY TO BELLY MOUNTING
 (P/N U77-A461M-X071)**

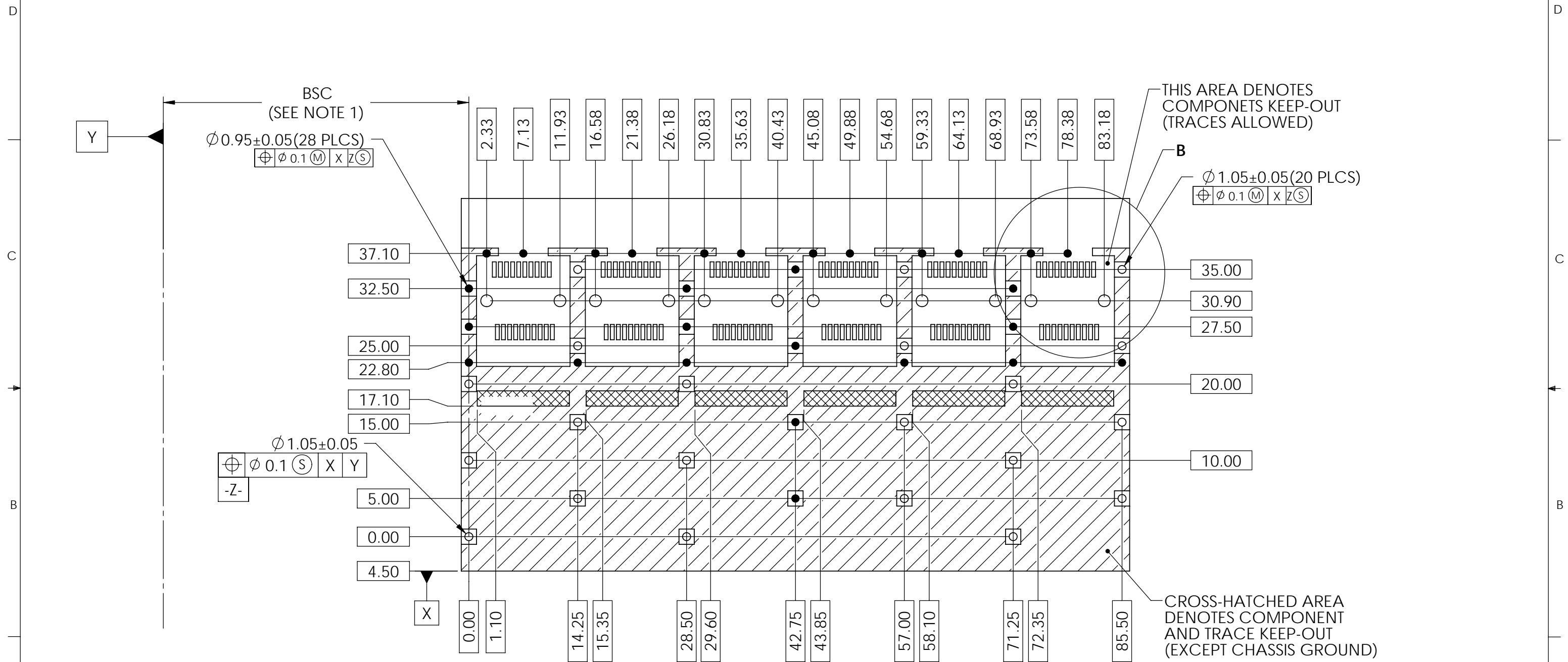
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MATERIAL AND FINISH SEE NOTE 1		DRAWN J.SI		MAR18/10	
REF.		DESIGNED			
CODE IDENT. NO. 03554		CHECKED			
		QA APPD			SIZE A3 DWG. NO. P-U77-AX61M-X071 SCALE 2:1 PROJECT
		IE APPD			
		DWG APPD			
				REV. A	SHEET 8 OF 10

- 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/E-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR19/10	



**RECOMMENDED PCB DESIGN
 FOR SINGLE SIDE MOUNTING
 (P/N U77-A661M-X071)**

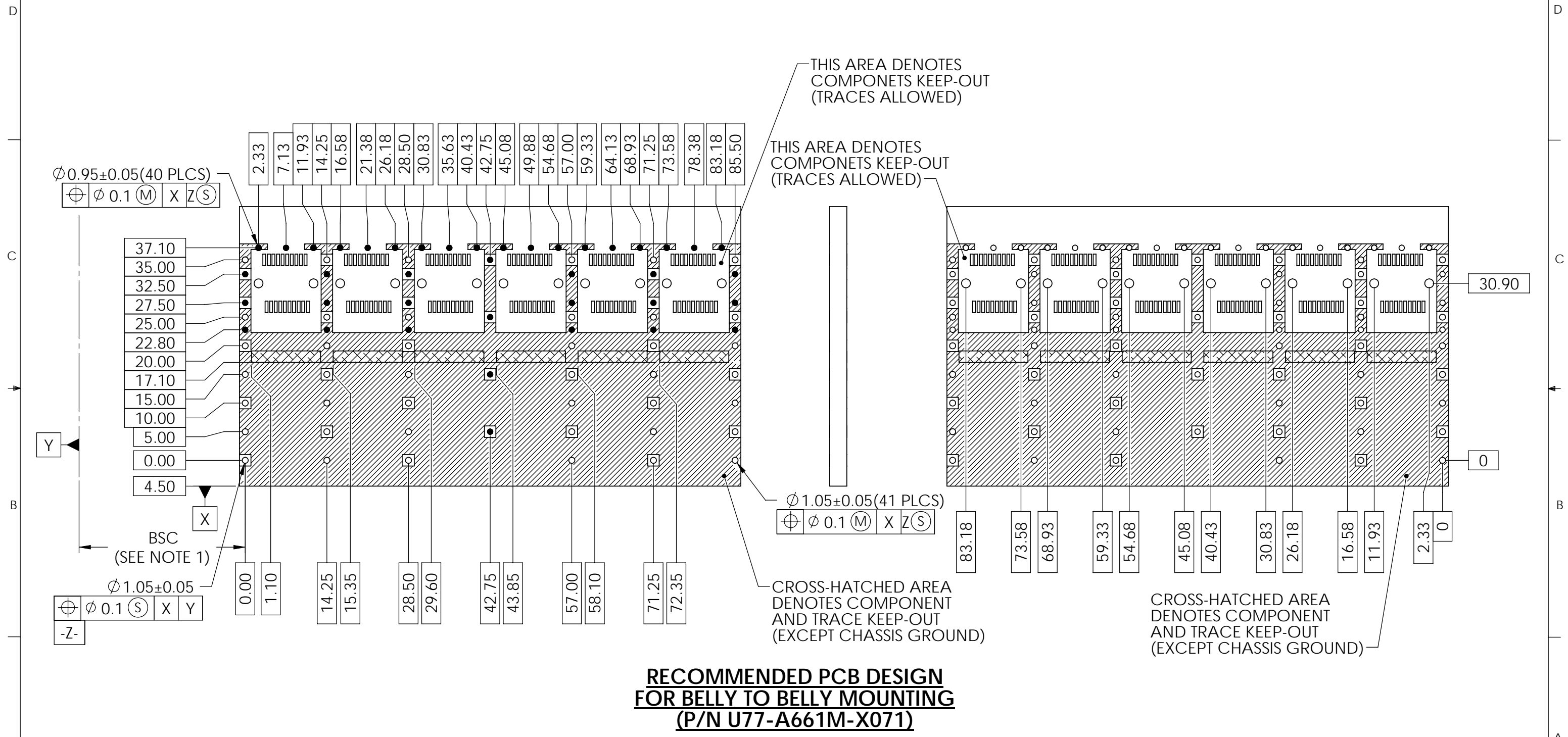
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MATERIAL AND FINISH SEE NOTE 1		REF.		CODE IDENT. NO. 03554		TITLE 1XN SFP+ CAGE SPRING FINGER EMI, WITH EXTRA BOTTOM GROUND FINGERS (NO MID G-PINS)	
SIZE A3		DWG. NO. P-U77-AX61M-X071		REV. A		SCALE 1:1 PROJECT SHEET 9 OF 10	

- NOTES:
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 3. THRU-HOLES, PLATING OPTIONAL.
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REVISIONS				
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A		PROPOSAL	MAR19/10	



**RECOMMENDED PCB DESIGN
 FOR BELLY TO BELLY MOUNTING
 (P/N U77-A661M-X071)**

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	DRAWN	J.SI	MAR18/10	
	DESIGNED			
	CHECKED			
MATERIAL AND FINISH	SEE NOTE 1		QA APPD	
REF.	IE APPD			SIZE A3
CODE IDENT. NO.	03554	DWG APPD		DWG. NO. P-U77-AX61M-X071
				SCALE 3:2
				PROJECT
				SHEET 10 OF 10