

REVISIONS			
REV.	ICMT-B	DESCRIPTION	DATE APPROVED
A		PROPOSAL	03/22/09



MATERIAL:
CAGE:
 COPPER ALLOY
PLATING OPTION Y=2:
 2.54um MIN. NICKEL
PLATING OPTION Y=3:
 3.81um MIN. MATTE TIN
 OVER 1.27um MIN. NICKEL
LIGHT PIPE:
 CLEAR POLYCARBONATE
BRACKET FOR LIGHT PIPE:
 STAINLESS STEEL
PACKAGING:
 TRAY PACKAGING
TEMPERATURE RANGE:
 -40C TO +85C

LIGHT PIPE KIT
 (P/N: U77-1663-2010P)
 (IF ORDER SEPARATELY)

SFP+PRESS FIT CAGE
 (P/N U77-A641M-X081)
 (IF ORDER SEPARATELY)

LIGHT PIPE KIT
 (P/N: U77-1263-2010P)
 (IF ORDER SEPARATELY)

SFP+PRESS FIT CAGE
 (P/N U77-A241M-X081)
 (IF ORDER SEPARATELY)

LIGHT PIPE KIT
 (P/N: U77-1463-2010P)
 (IF ORDER SEPARATELY)

SFP+PRESS FIT CAGE
 (P/N U77-A441M-X081)
 (IF ORDER SEPARATELY)

P/N: U77-C641M-X081 SHOWN

AMPHENOL PART NUMBER CONFIGURATION

U77 - C X 41 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

P/N: U77-C441M-X081 SHOWN

P/N: U77-C241M-X081 SHOWN

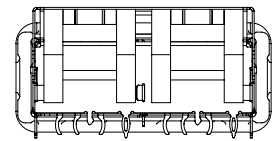
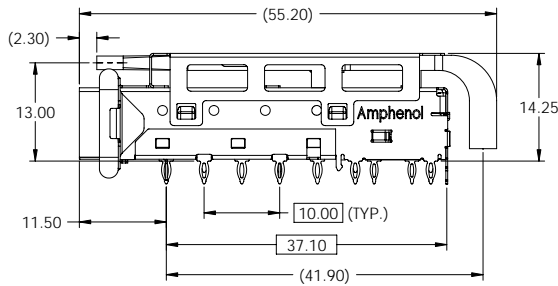
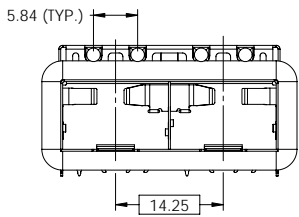
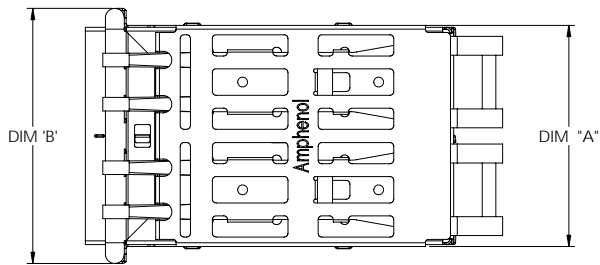
DO NOT SCALE DRAWING

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	APPROVALS		DATE	Amphenol Canada Corp.
	DRAWN	J.SI	JUL21/09	
DECIMALS	ANGLES	DESIGNED		TITLE
X.X ± 0.38	± 1°	CHECKED		1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE
X.XX ± 0.25		CA APP'D		
MATERIAL AND FINISH	SEE NOTE 1	E APP'D		
REV.		CODE	A3	DWG. NO. P-U77-CX41M-X081
CODE	Q3554	DWG APP'D		SCALE 3:2
				PROJECT
				SHEET 1 OF 11

PART NUMBER	DIM'A*	DIM'B*
U77-C261M-X081	29.25	33.75
U77-C461M-X081	57.75	62.25
U77-C661M-X081	86.25	90.75

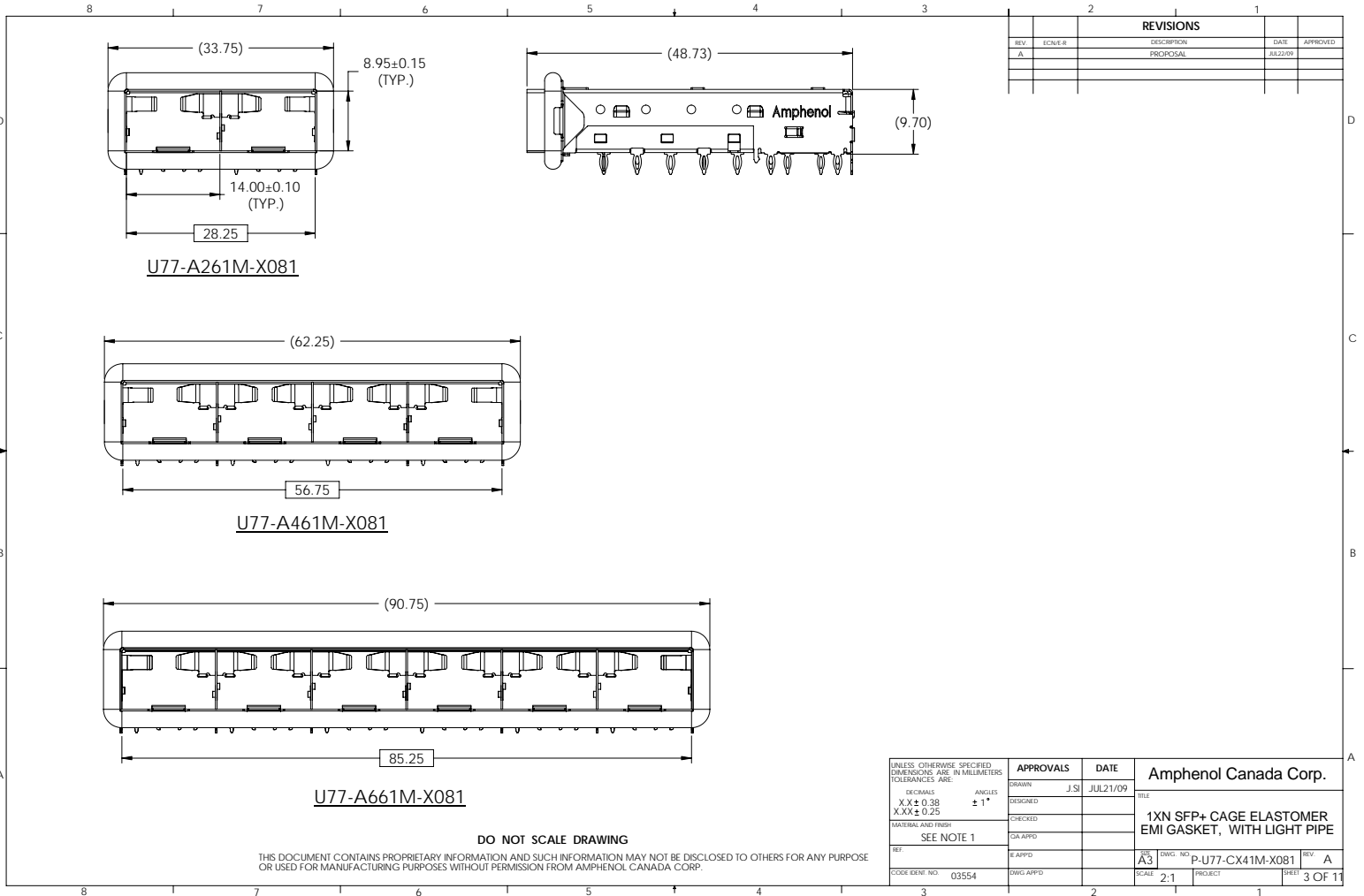
REVISIONS				
REV.	ICM/ER	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	JUL21/09	



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		APPROVALS		DATE		Amphenol Canada Corp.	
DECIMALS		DRAWN		J.SI		TITLE	
ANGLES		DESIGNED				1XN SFP+ CAGE ELASTOMER	
X.X ± 0.38 ± 1°		CHECKED				EMI GASKET, WITH LIGHT PIPE	
X.XX ± 0.25		QA APP'D				REV. A	
MATERIAL AND FINISH		E APP'D				DWG. NO. P-U77-CX41M-X081	
SEE NOTE 1						SCALE 1:1	
REF.						PROJECT	
CODE BENE. NO. Q3554		DWG. APP'D				SHEET 2 OF 11	



REVISIONS			
REV.	ICMTR.	DESCRIPTION	DATE
A		PROPOSAL	Aug 22/09

U77-A261M-X081

U77-A461M-X081

U77-A661M-X081

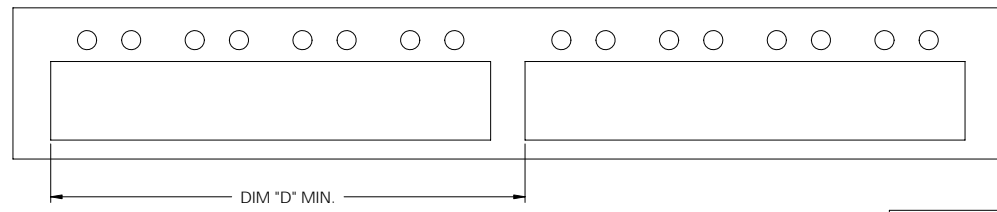
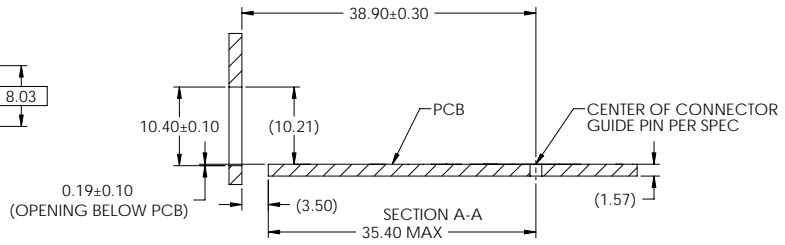
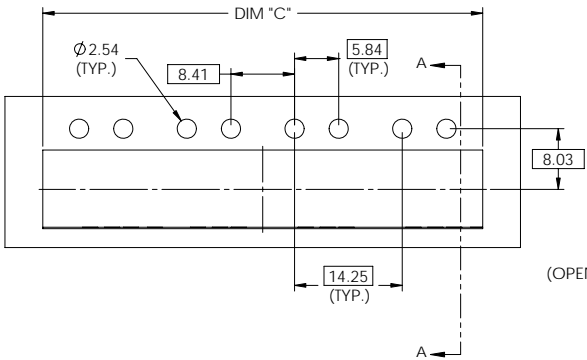
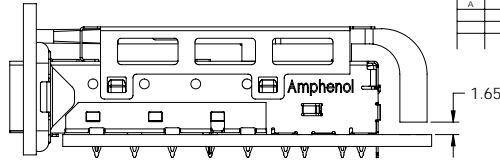
DO NOT SCALE DRAWING

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.

<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS</small> <small>DECIMALS</small> X.X ± 0.38 X.XX ± 0.25 <small>ANGLES</small> ± 1° <small>MATERIAL AND FINISH</small> SEE NOTE 1	APPROVALS	DATE	Amphenol Canada Corp. 1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE <small>DRW. NO.</small> P-U77-CX41M-X081 <small>SCALE</small> 2:1 <small>PROJECT</small> <small>SHEET</small> 3 OF 11
	<small>DRAWN</small> J.SI	JUL21/09	
	<small>DESIGNED</small>		
	<small>CHECKED</small>		
<small>GA APP'D</small>			
<small>REF.</small>	<small>E APP'D</small>		
<small>CODE/EXT. NO.</small> 03554	<small>DRW APP'D</small>		

PART NUMBER	DIM "C"	DIM "D"
U77-C241M-X081	29.70	34.25
U77-C441M-X081	58.20	62.75
U77-C641M-X081	86.70	91.25

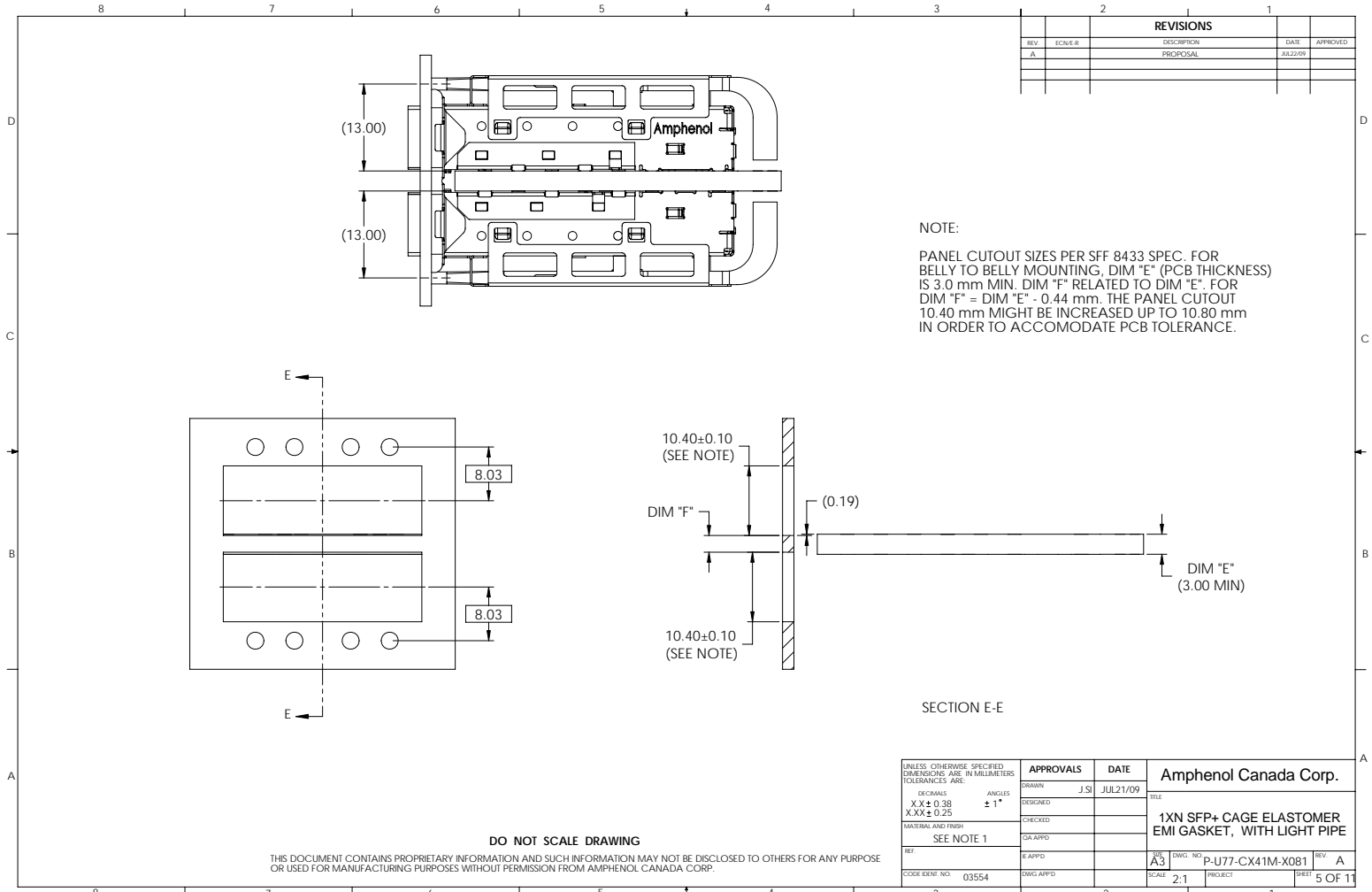
REVISIONS			
REV.	ICM:R	DESCRIPTION	DATE
A		PROPOSAL	AUG2009



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.

<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS</small> <small>DECIMALS</small> <small>ANGLES</small> X.X ± 0.38 ± 1° X.XX ± 0.25 <small>MATERIAL AND FINISH</small> SEE NOTE 1 <small>REF.</small> CODE/ENE/NO. 03554	APPROVALS	DATE	Amphenol Canada Corp. 1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE <small>DWG. NO.</small> P-U77-CX41M-X081 <small>REV.</small> A <small>SCALE</small> 2:1 <small>PROJECT</small> <small>SHEET</small> 4 OF 11
	<small>DRAWN</small> J.SI	JUL21/09	
	<small>DESIGNED</small>		
	<small>CHECKED</small>		
	<small>QA APP'D</small>		
	<small>E APP'D</small>		



REVISIONS			
REV.	ICM:R	DESCRIPTION	DATE
A		PROPOSAL	JUL21/09

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.

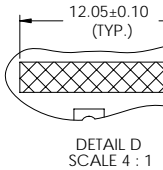
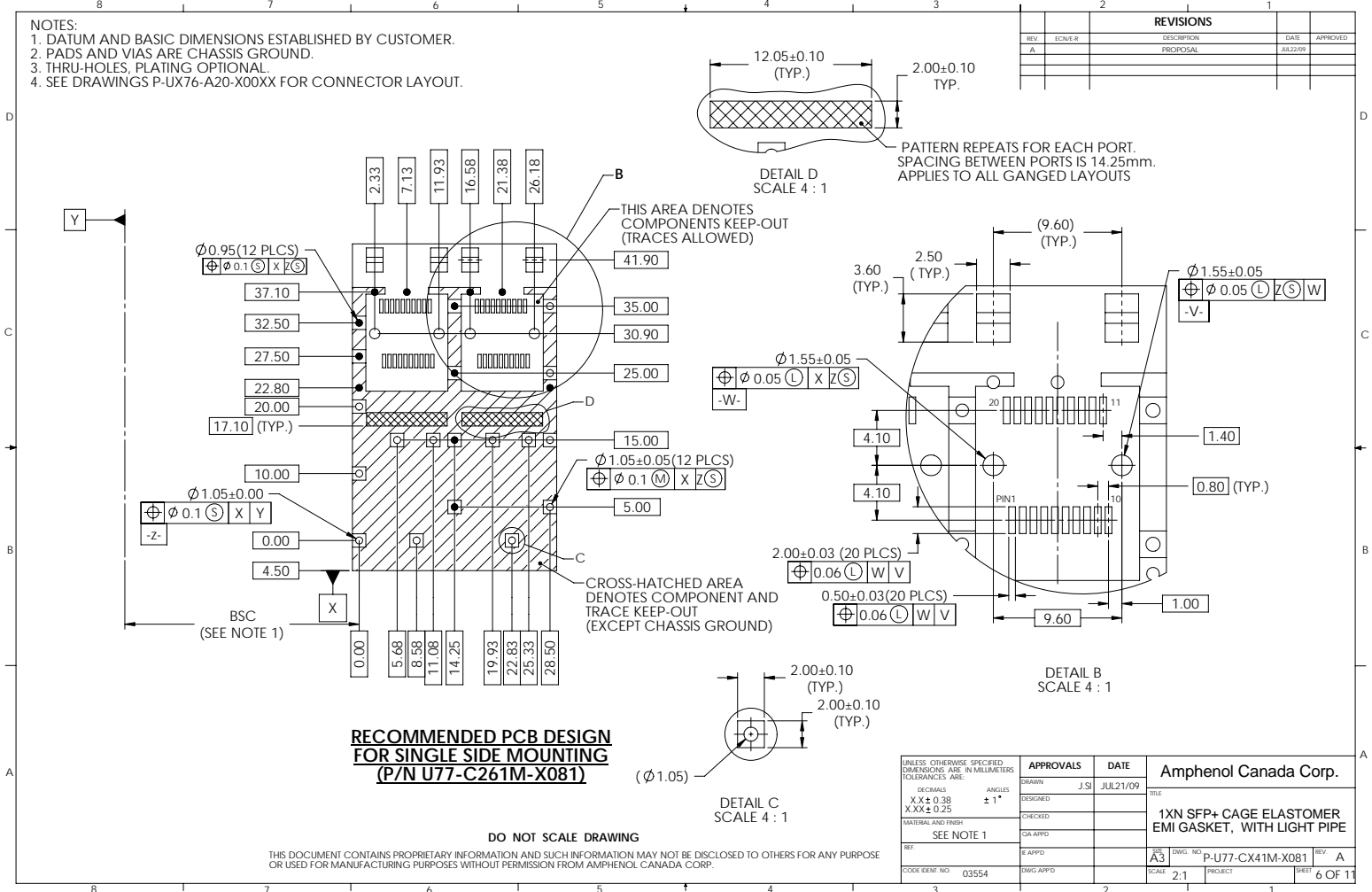
DO NOT SCALE DRAWING

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.

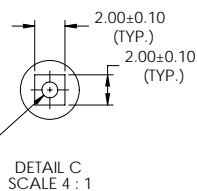
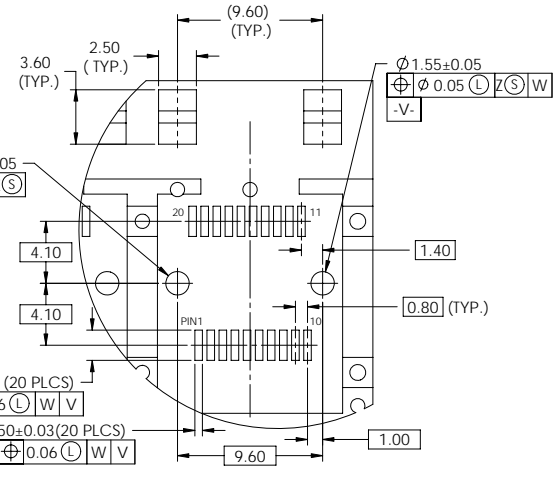
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS		APPROVALS		DATE		Amphenol Canada Corp.	
DECIMALS	ANGLES	DRAWN	J.SI	JUL21/09		TITLE	
X.X ± 0.38	± 1°	DESIGNED				1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE	
X.XX ± 0.25		CHECKED					
MATERIAL AND FINISH		QA APP'D					
SEE NOTE 1		E APP'D					
REV.				A3	DWG. NO. P-U77-CX41M-X081	REV.	A
CODE/ENE/NO.	Q3554	DWG. APP'D		SCALE	2:1	PROJECT	SHEET 5 OF 11

- 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.	ICM#	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	AUG22/09	



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-C261M-X081)

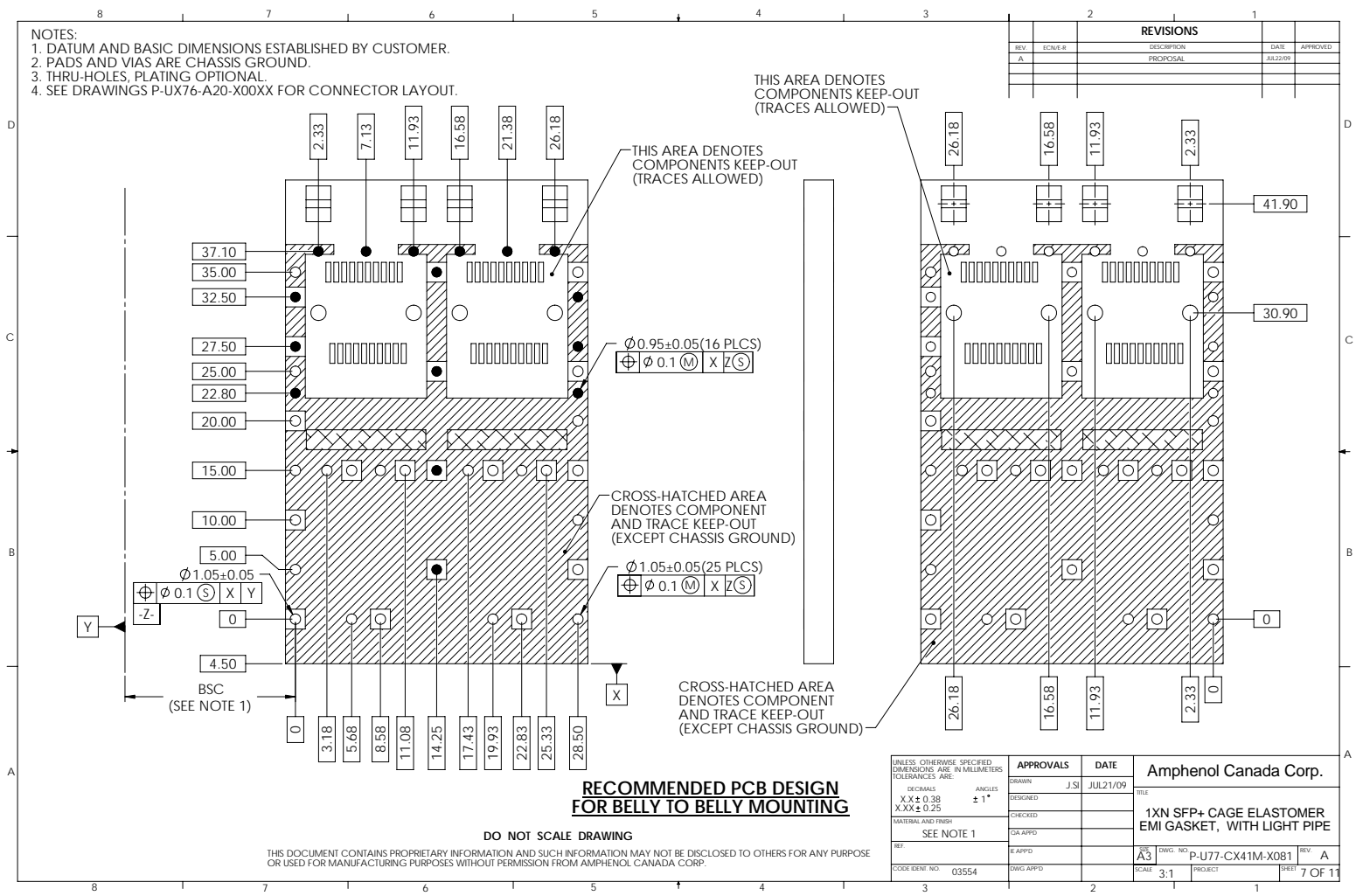
DO NOT SCALE DRAWING

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 DECIMALS ANGLES X.X ± 0.38 ± 1° X.XX ± 0.25	APPROVALS		DATE	Amphenol Canada Corp.
	DRAWN	J.SI	JUL21/09	
MATERIAL AND FINISH SEE NOTE 1	DESIGNED	CHECKED	GA APP'D	TITLE 1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE
REV.	E APP'D	SCALE	PROJCT	DWG. NO. P-U77-CX41M-X081
CODE GEN# NO. 03554	DWG APP'D	SCALE 2:1	PROJCT	REV. A
				SHEET 6 OF 11

- 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	ICMTR	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	08/22/09	



RECOMMENDED PCB DESIGN FOR BELLY TO BELLY MOUNTING

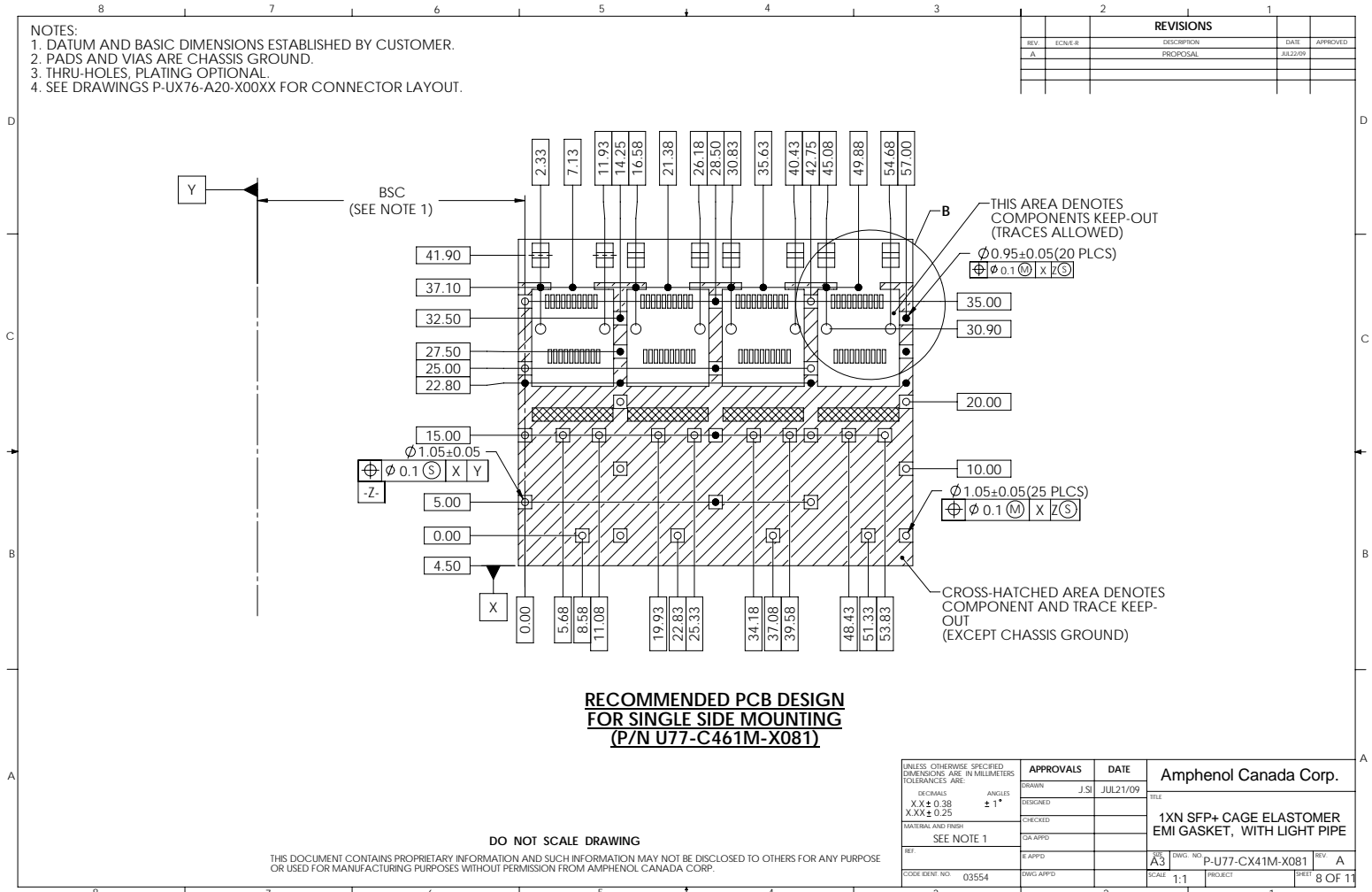
DO NOT SCALE DRAWING

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 DECIMALS ANGLES X.X ± 0.38 ± 1° X.XX ± 0.25	APPROVALS		DATE	Amphenol Canada Corp.
	DRAWN	J.SI	JUL21/09	
MATERIAL AND FINISH SEE NOTE 1	DESIGNED			TITLE
	CHECKED			1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE
REV	E APP'D			REV
CODE GEN# NO. Q3554	DWG APP'D			A3
				DWG NO. P-U77-CX41M-X081
				SCALE 3:1
				PROJECT
				SHEET 7 OF 11

- 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.	ICM:R	DESCRIPTION	DATE APPROVED
A		PROPOSAL	AJ22/09



**RECOMMENDED PCB DESIGN
 FOR SINGLE SIDE MOUNTING
 (P/N U77-C461M-X081)**

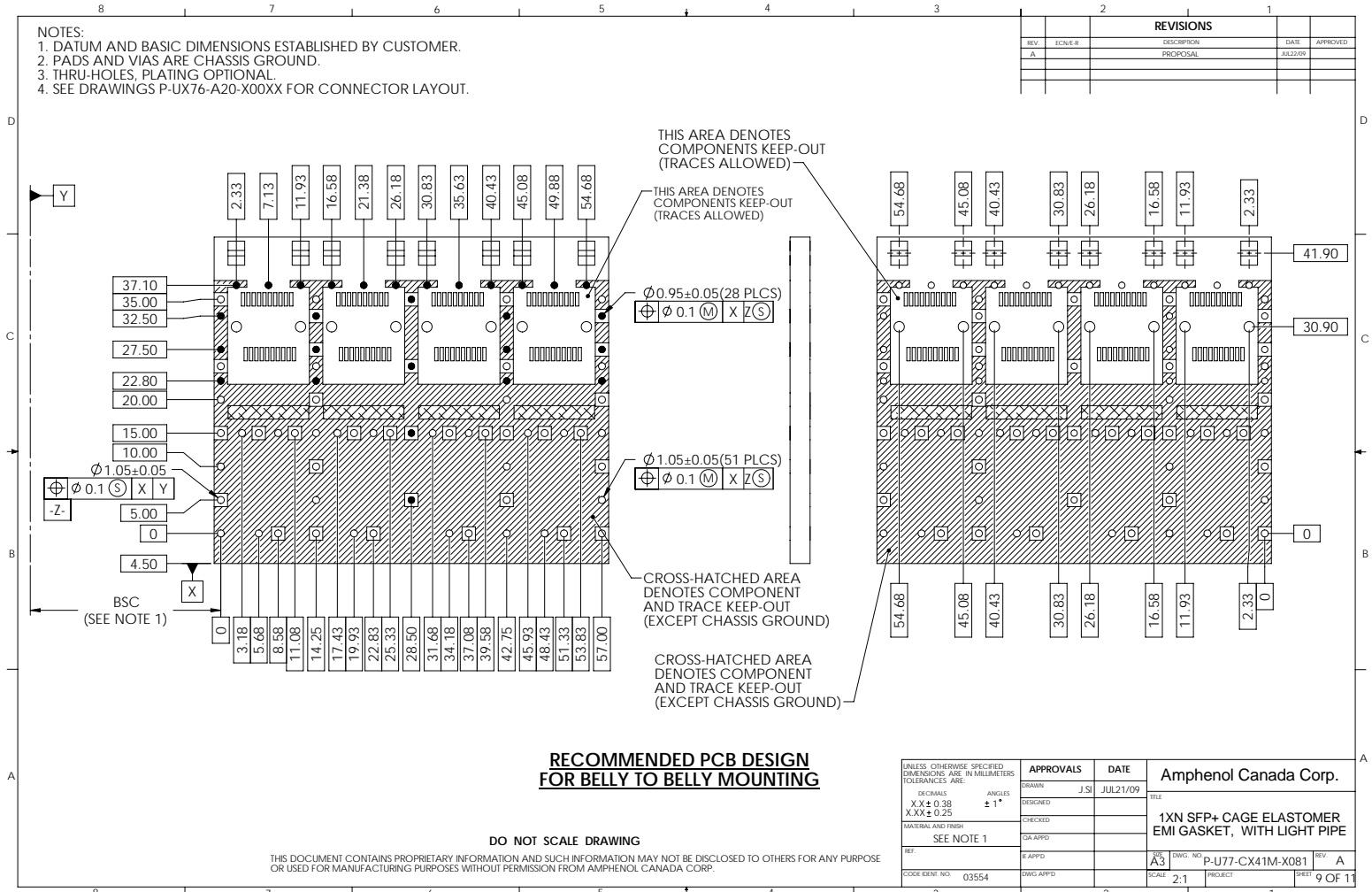
DO NOT SCALE DRAWING

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 DECIMALS ANGLES X.X ± 0.38 ± 1° X.XX ± 0.25 MATERIAL AND FINISH SEE NOTE 1 REF. CODE GEN: NO. Q3554	APPROVALS	DATE	Amphenol Canada Corp.
	DRAWN J.SJ DESIGNED CHECKED GA APP'D E APP'D	JUL21/09	
			REV. A SCALE 1:1 PROJECT SHEET 8 OF 11

- 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.	ICM#-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	AUG21/09	



RECOMMENDED PCB DESIGN FOR BELLY TO BELLY MOUNTING

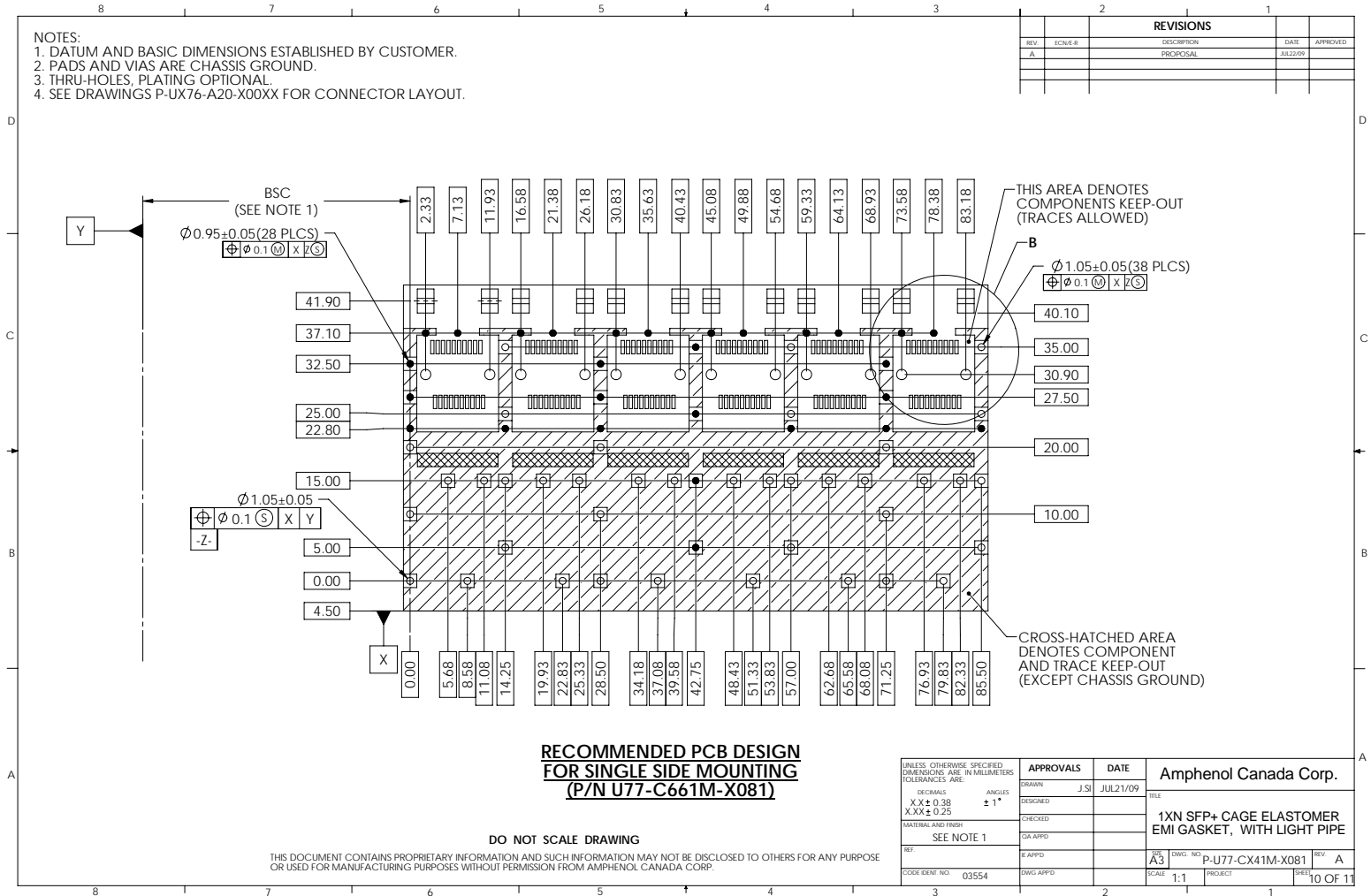
DO NOT SCALE DRAWING

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.	
DECIMALS	ANGLES	DRAWN	J.SI	JUL21/09		TITLE	
X.X ± 0.38	± 1°	DESIGNED				1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE	
X.XX ± 0.25		CHECKED					
MATERIAL AND FINISH		QA APP'D					
SEE NOTE 1		E APP'D					
REV.				A3		DWG. NO.	P-U77-CX41M-X081
CODE GEN# NO.	03554	DWG APP'D		SCALE		2:1	PROJECT
							SHEET 9 OF 11

- 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.	ICM#-R	DESCRIPTION	DATE
A		PROPOSAL	AUG22/09



**RECOMMENDED PCB DESIGN
 FOR SINGLE SIDE MOUNTING
 (P/N U77-C661M-X081)**

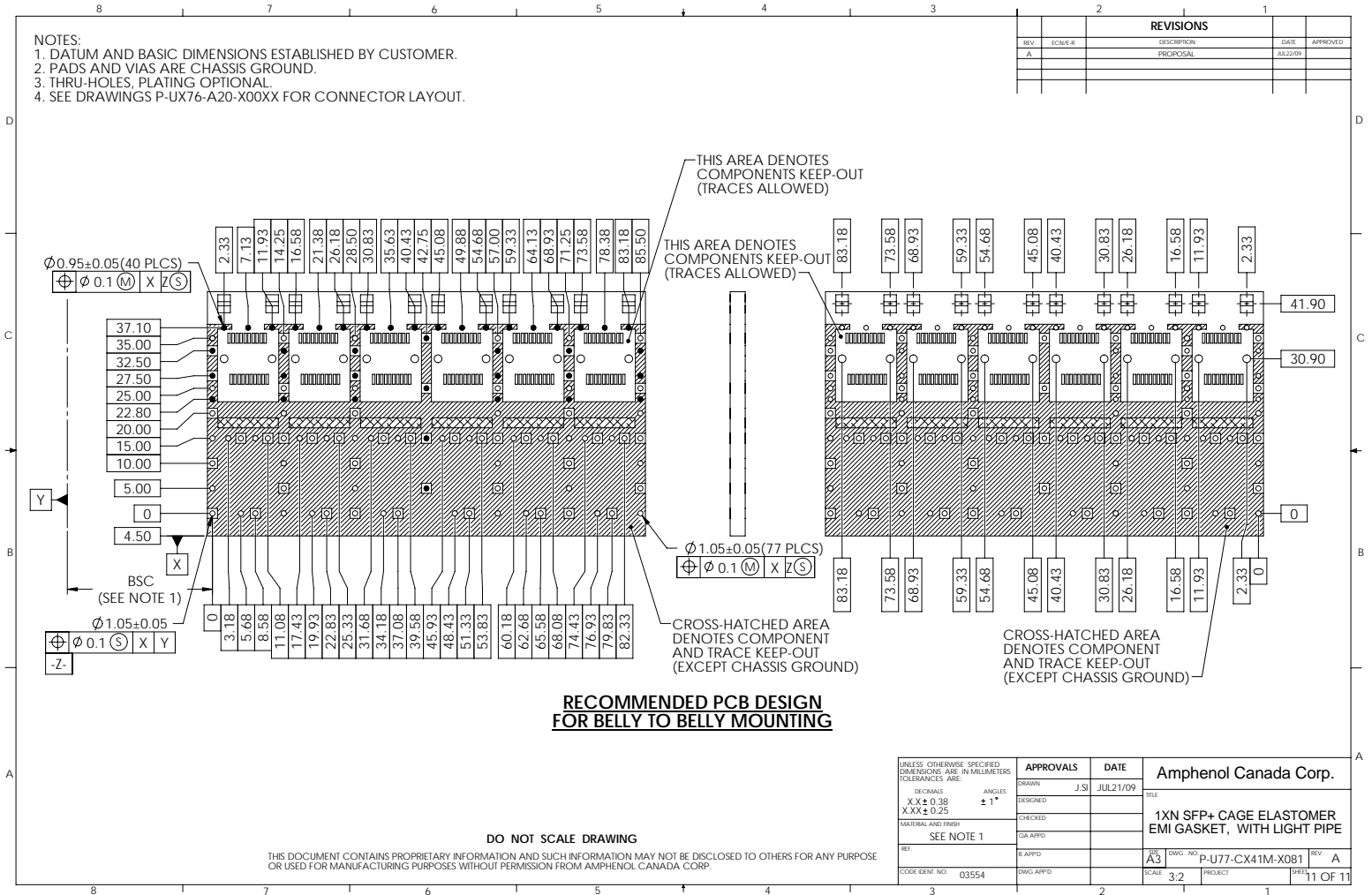
DO NOT SCALE DRAWING

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		APPROVALS		DATE		Amphenol Canada Corp.	
DECIMALS ANGLES		DRAWN J.SI		JUL21/09		TITLE	
X.X ± 0.38 ± 1°		DESIGNED				1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE	
X.XX ± 0.25		CHECKED					
MATERIAL AND FINISH		C/A APP'D					
SEE NOTE 1		E APP'D					
REV.		CODE GEN# NO. Q3554		SCALE 1:1		DWG. NO. P-U77-CX41M-X081	
		DWG APP'D		PROJECT		REV. A	
						SHEET 10 OF 11	

- 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.	ICNTR.	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	08/22/09	



RECOMMENDED PCB DESIGN FOR BELLY TO BELLY MOUNTING

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 TOLERANCES ARE: DECIMALS ANGLES X.X ± 0.38 ± 1° X.XX ± 0.25 MATERIAL AND FINISH SEE NOTE 1 REV. CODE EXTEND NO. Q3554	APPROVALS	DATE	Amphenol Canada Corp. 1XN SFP+ CAGE ELASTOMER EMI GASKET, WITH LIGHT PIPE P-U77-CX41M-X081
	DRAWN J.SJ DESIGNED CHECKED QA APP'D E APP'D	JUL 21/09	