

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-A661M-X081)
(IF ORDER SEPARATELY)

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

SFP+PRESS FIT CAGE
(P/N U77-A261M-X081)
(IF ORDER SEPARATELY)

P/N: U77-C661M-X081 SHOWN

AMPHENOL PART NUMBER CONFIGURATION

U77 - C X 6 1 M - Y 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

P/N: U77-C261M-X081 SHOWN

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	MAR25/09	
B		UPDATED	APR21/09	
C		B-B APPLICATIONS ADDED	MAY25/09	

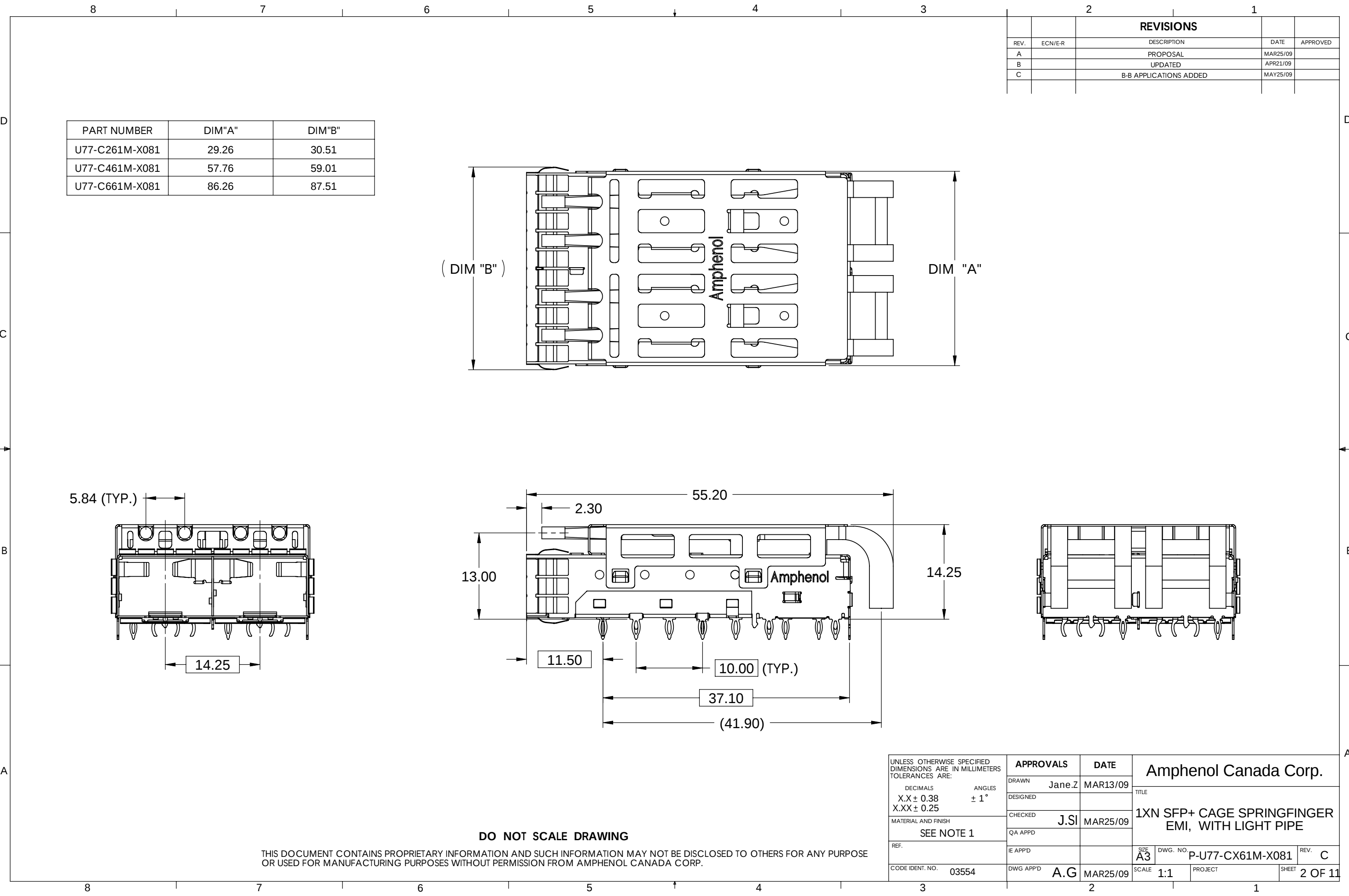


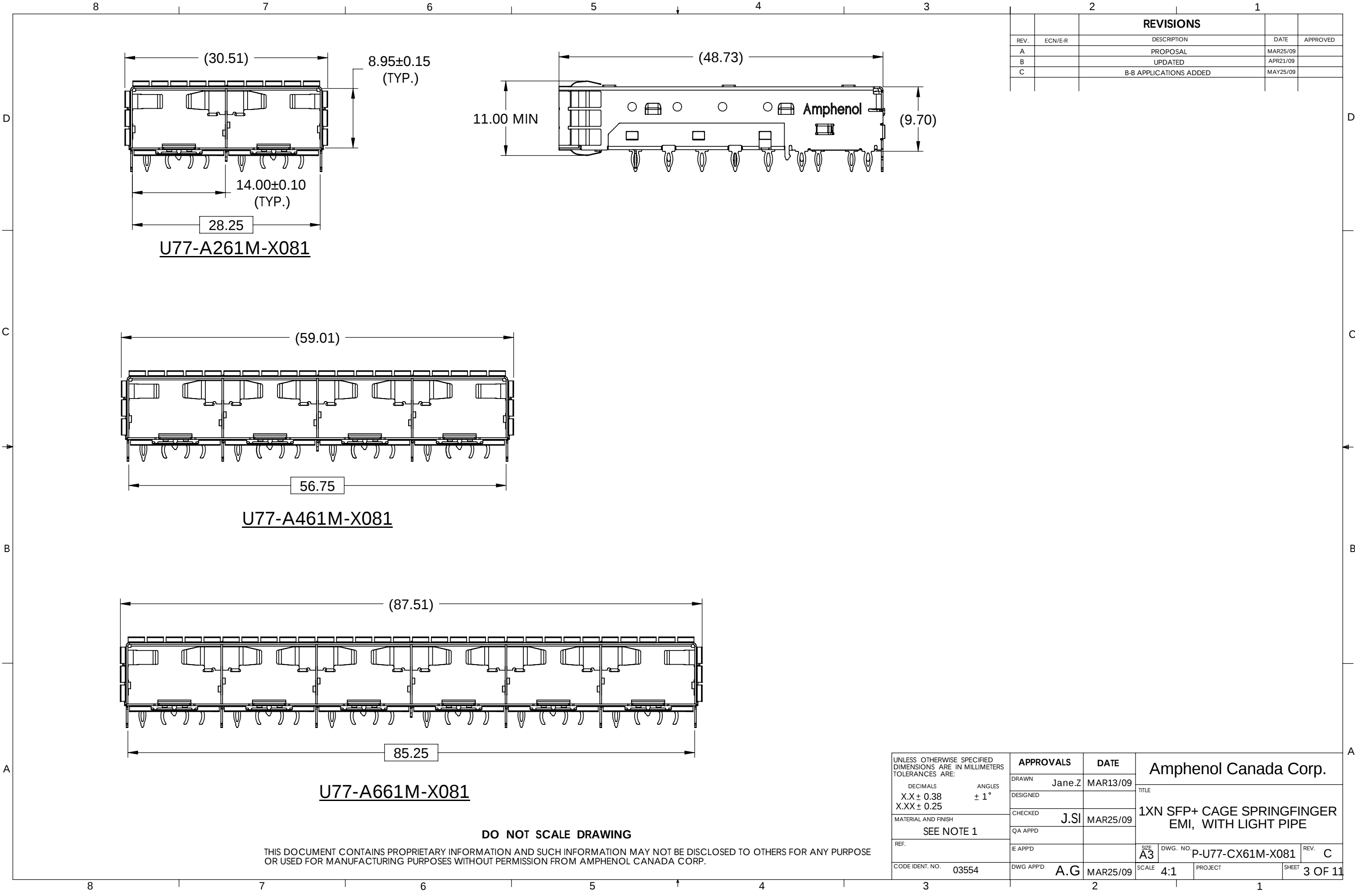
LIGHT PIPE KIT
(P/N: U77-1463-2010P)
(IF ORDER SEPARATELY)

SFP+PRESS FIT CAGE
(P/N U77-A461M-X081)
(IF ORDER SEPARATELY)

P/N: U77-C461M-X081 SHOWN

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 Jane.Z	MAR13/09	TITLE	
MATERIAL AND FINISH SEE NOTE 1		CHECKED J.SI	MAR25/09	1XN SFP+ CAGE SPRINGFINGER EMI, WITH LIGHT PIPE	
REF.		QA APPD		SIZE A3	DWG. NO. P-U77-CX61M-X081
CODE IDENT. NO. 03554		IE APPD		SCALE 3:2	PROJECT
		DWG APPD A.G	MAR25/09		SHEET 1 OF 11





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.

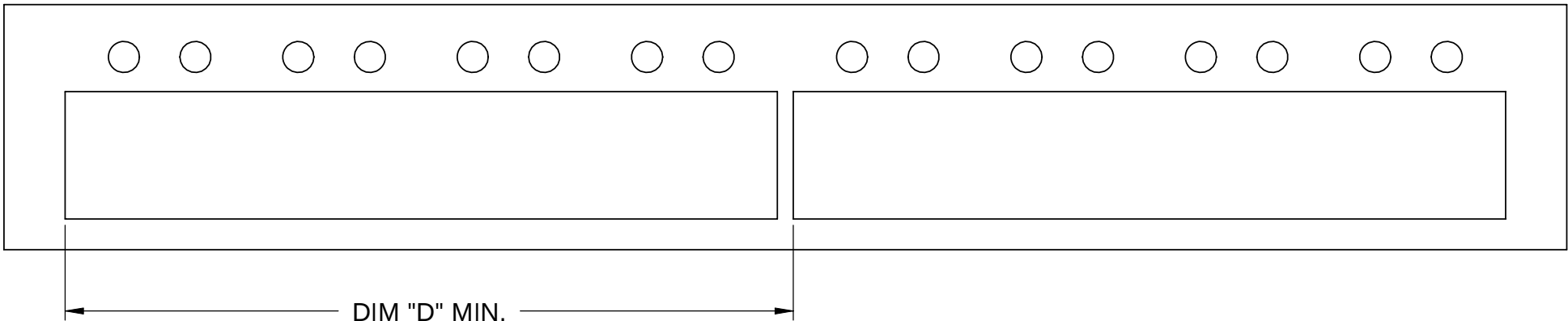
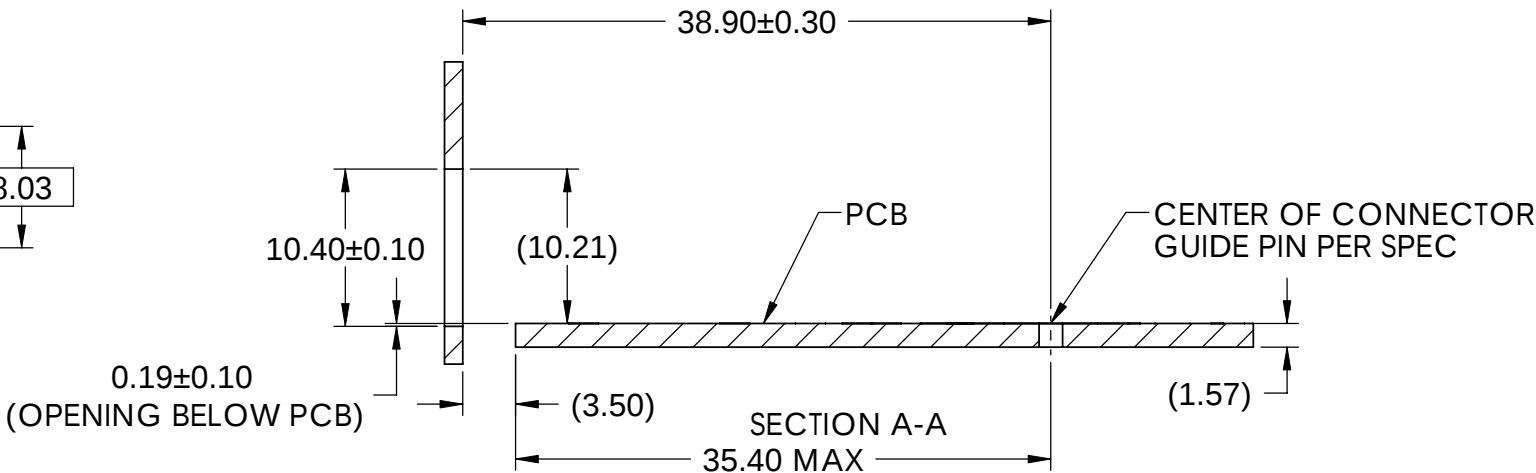
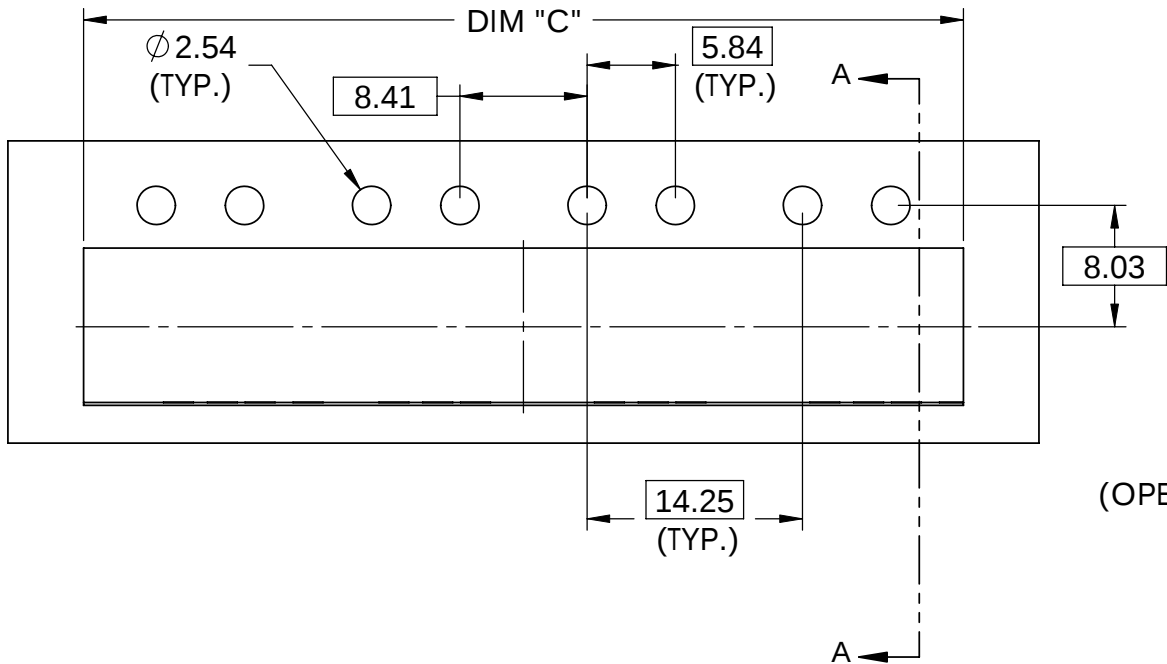
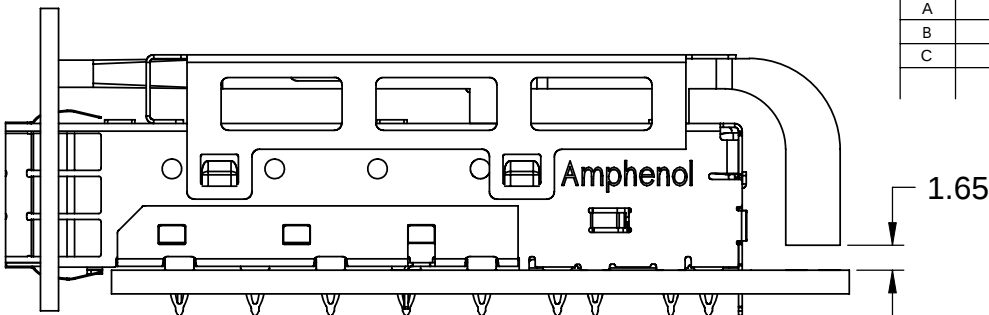
REVISIONS

REV.	ECN/E-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR25/09	
B		UPDATED	APR21/09	
C		B-B APPLICATIONS ADDED	MAY25/09	

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.	
		DRAWN Jane.Z	MAR13/09	TITLE	
		DESIGNED		1XN SFP+ CAGE SPRINGFINGER EMI, WITH LIGHT PIPE	
		CHECKED J.SI	MAR25/09		
		QA APPD		SIZE A3	DWG. NO. P-U77-CX61M-X081
		IE APPD		SCALE 4:1	PROJECT
		DWG APPD A.G	MAR25/09	SHEET 3 OF 11	REV. C

PART NUMBER	DIM "C"	DIM "D"
U77-C261M-X081	29.70	31.00
U77-C461M-X081	58.20	59.50
U77-C661M-X081	86.70	88.00

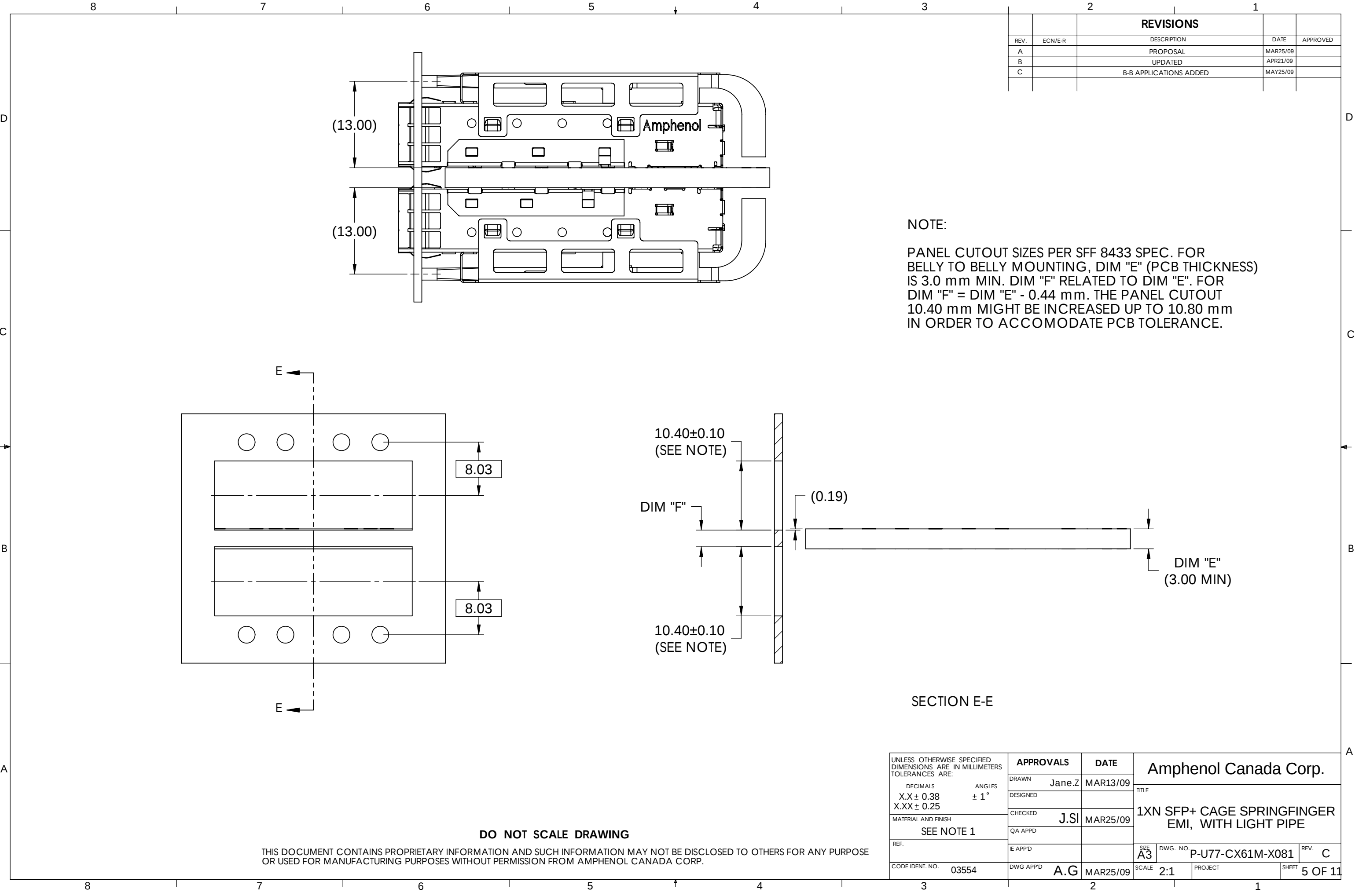
REVISIONS				
REV.	ECN/E-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR25/09	
B		UPDATED	APR21/09	
C		B-B APPLICATIONS ADDED	MAY25/09	



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 TOLERANCES ARE: DECIMALS ANGLES X.X ± 0.38 ± 1° X.XX ± 0.25		APPROVALS		DATE	Amphenol Canada Corp.		
		DRAWN	Jane.Z	MAR13/09	1XN SFP+ CAGE SPRINGFINGER EMI, WITH LIGHT PIPE		
		DESIGNED					
		CHECKED	J.SI	MAR25/09			
MATERIAL AND FINISH SEE NOTE 1		QA APPD			1XN SFP+ CAGE SPRINGFINGER EMI, WITH LIGHT PIPE		
REF.		IE APPD					
CODE IDENT. NO. 03554		DWG APPD A.G		MAR25/09	SIZE A3	DWG. NO. P-U77-CX61M-X081	REV. C
					SCALE 2:1	PROJECT	SHEET 4 OF 11



REVISIONS				
REV.	ECN/E-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR25/09	
B		UPDATED	APR21/09	
C		B-B APPLICATIONS ADDED	MAY25/09	

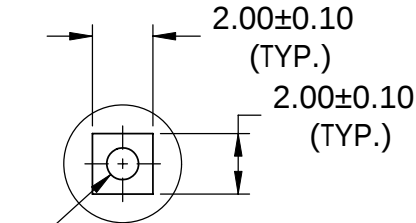
NOTE:
PANEL CUTOUT SIZES PER SFF 8433 SPEC. FOR BELLY TO BELLY MOUNTING, DIM "E" (PCB THICKNESS) IS 3.0 mm MIN. DIM "F" RELATED TO DIM "E". FOR DIM "F" = DIM "E" - 0.44 mm. THE PANEL CUTOUT 10.40 mm MIGHT BE INCREASED UP TO 10.80 mm IN ORDER TO ACCOMODATE PCB TOLERANCE.

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	Jane.Z	MAR13/09			
		DESIGNED			1XN SFP+ CAGE SPRINGFINGER EMI, WITH LIGHT PIPE		
		CHECKED	J.SI	MAR25/09			
MATERIAL AND FINISH SEE NOTE 1		QA APPD			SIZE A3 DWG. NO. P-U77-CX61M-X081 REV. C		
REF.		IE APPD					
CODE IDENT. NO. 03554		DWG APPD A.G		MAR25/09	SCALE 2:1	PROJECT	SHEET 5 OF 11

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	MAR25/09	
B		UPDATED	APR21/09	
C		B-B APPLICATIONS ADDED	MAY25/09	



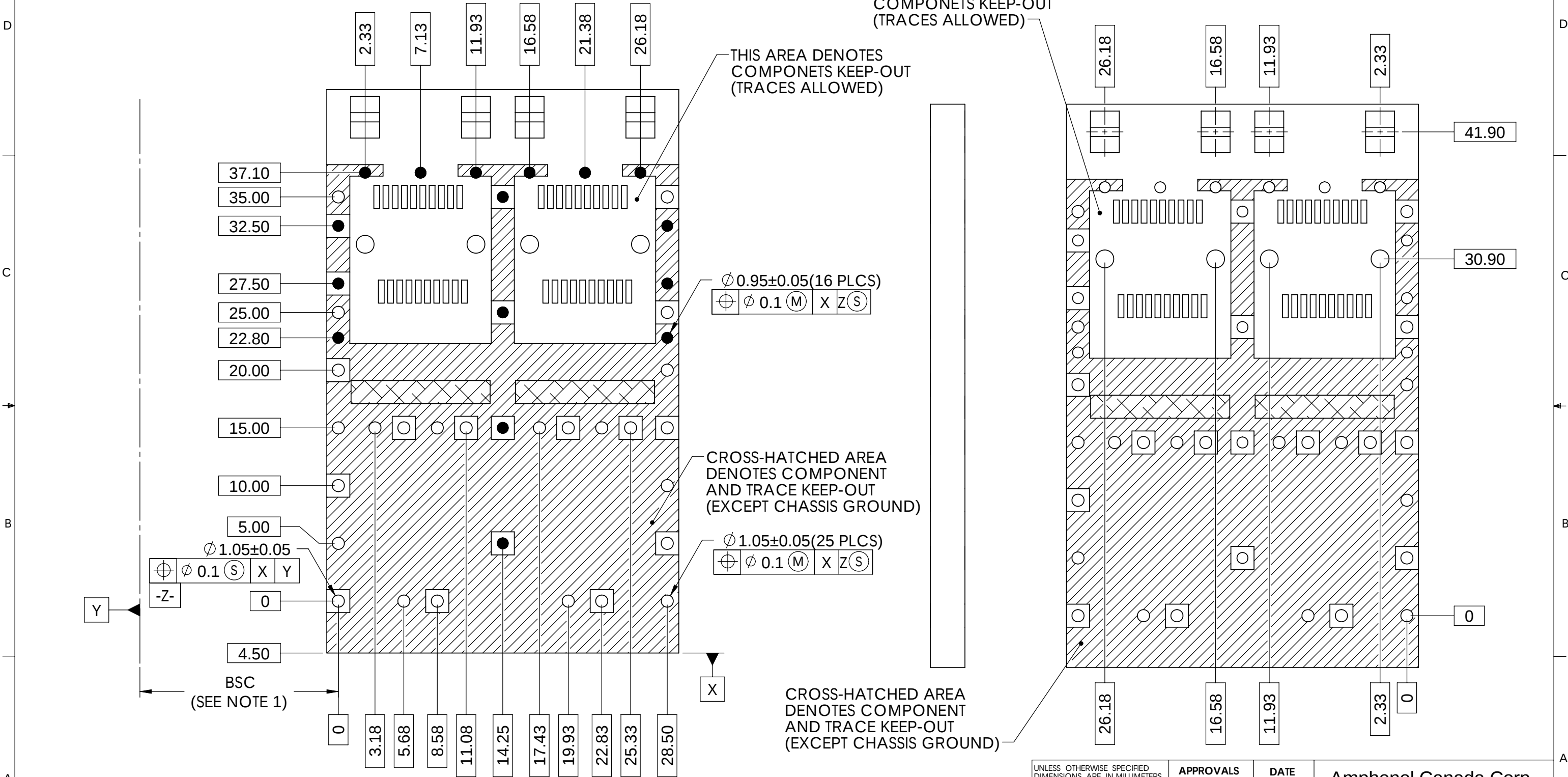
(~~Ø~~ 1.05)

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE		Amphenol Canada Corp.			
DECIMALS ANGLES X.X ± 0.38 ± 1° X.XX ± 0.25		DRAWN Jane.Z		MAR13/09		TITLE 1XN SFP+ CAGE SPRINGFINGER EMI, WITH LIGHT PIPE			
MATERIAL AND FINISH SEE NOTE 1		DESIGNED							
		CHECKED J.SI		MAR25/09					
		QA APPD							
REF.		IE APPD				SIZE A3	DWG. NO. P-U77-CX61M-X081	REV. C	
CODE IDENT. NO. 03554		DWG APP'D A.G		MAR25/09		SCALE 2:1	PROJECT	SHEET 6 OF 11	

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.

- 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	MAR25/09	
B		UPDATED	APR21/09	
C		B-B APPLICATIONS ADDED	MAY25/09	



**RECOMMENDED PCB DESIGN
FOR BELLY TO BELLY MOUNTING**

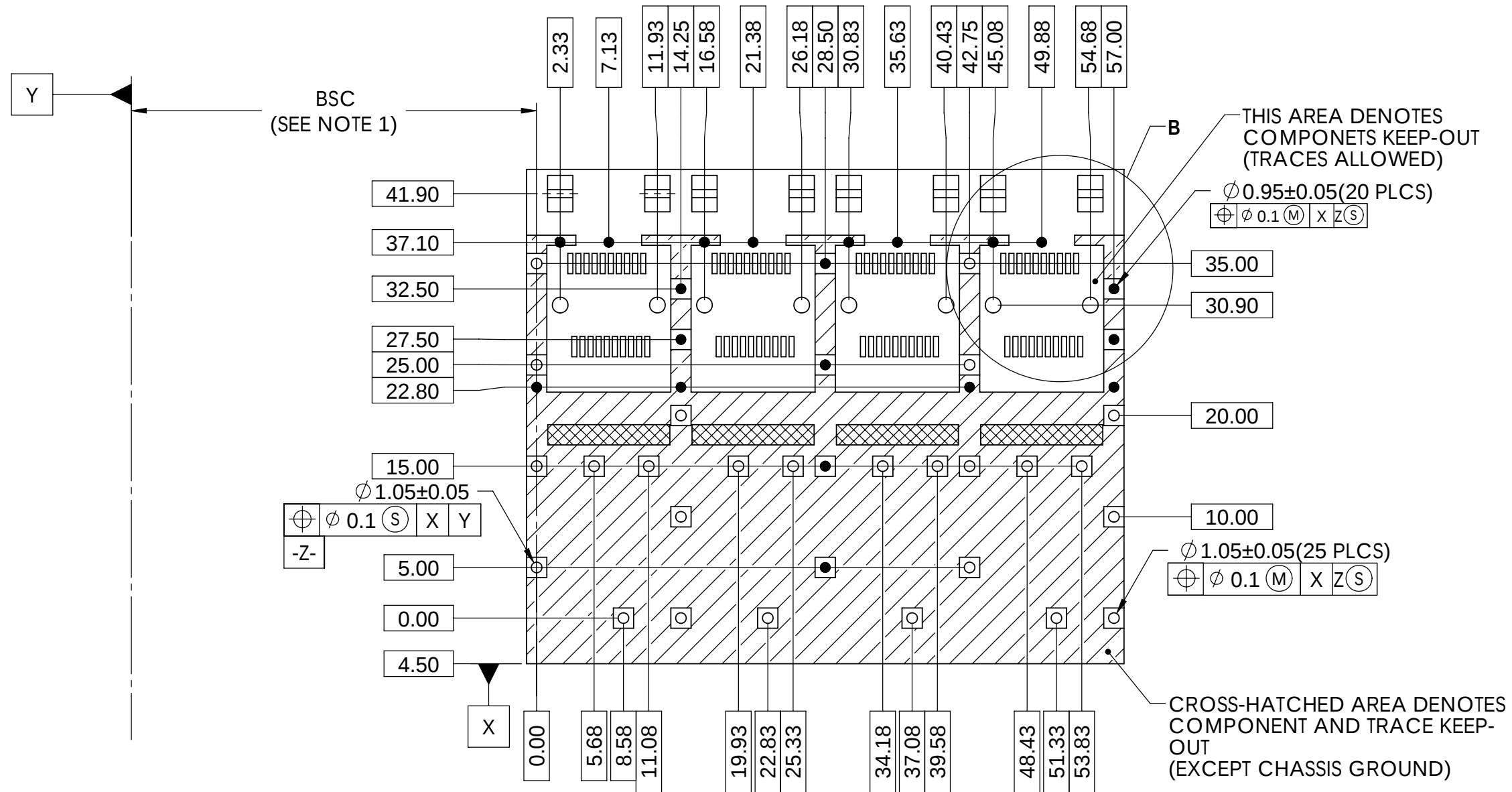
DO NOT SCALE DRAWING

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: DECIMALS ANGLES X.X ± 0.38 ± 1° X.XX ± 0.25		APPROVALS	DATE	Amphenol Canada Corp.	
		DRAWN Jane.Z	MAR13/09	TITLE	
MATERIAL AND FINISH SEE NOTE 1		CHECKED J.SI	MAR25/09	1XN SFP+ CAGE SPRINGFINGER EMI, WITH LIGHT PIPE	
REF.		IE APPD		SIZE A3	DWG. NO. P-U77-CX61M-X081
CODE IDENT. NO. 03554		DWG APPD A.G	MAR25/09	SCALE 3:1	PROJECT
				SHEET	7 OF 11

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	MAR25/09	
B		UPDATED	APR21/09	
C		B-B APPLICATIONS ADDED	MAY25/09	



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

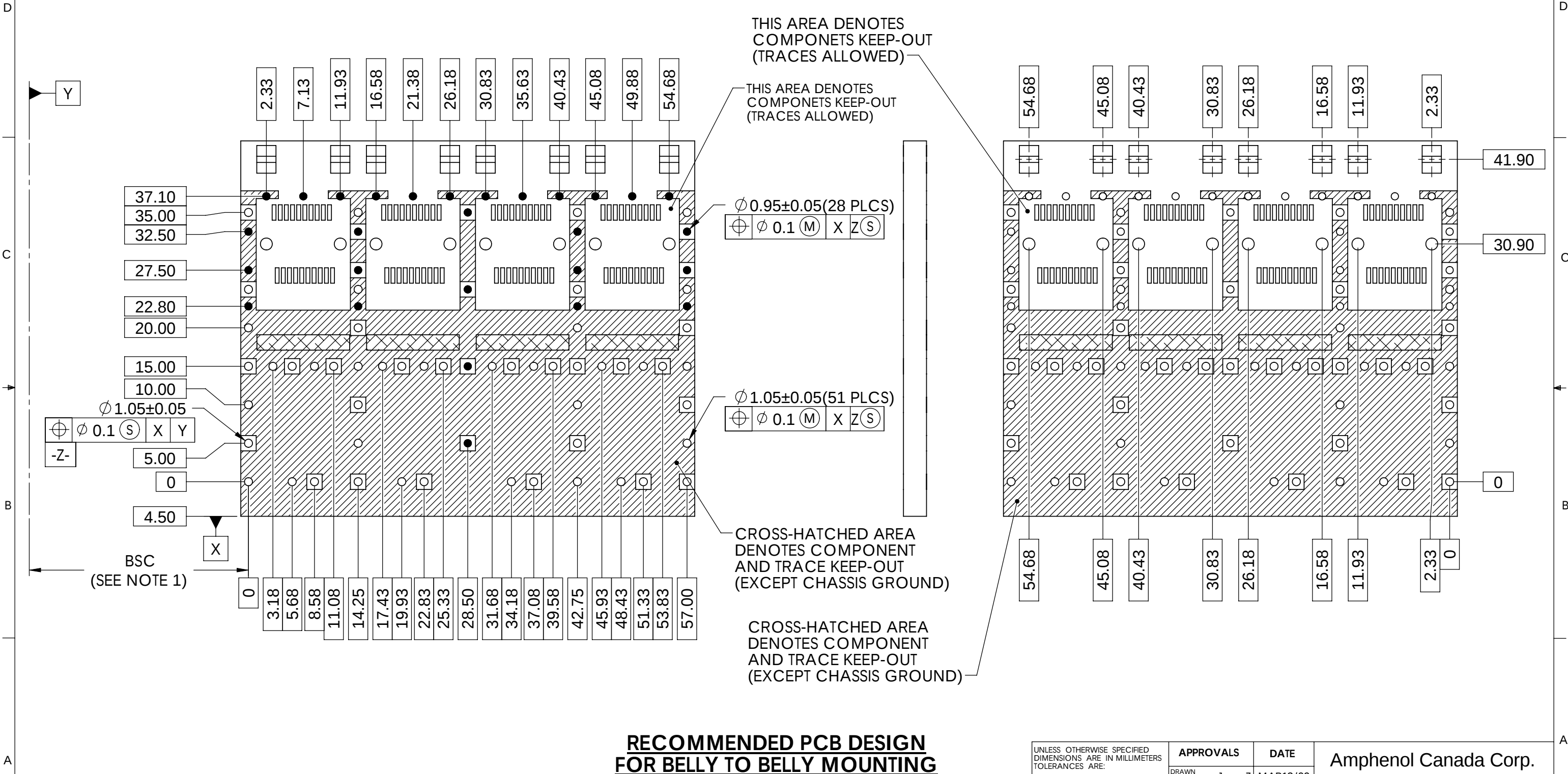
DO NOT SCALE DRAWING

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 TOLERANCES ARE:		APPROVALS		DATE		Amphenol Canada Corp.					
DECIMALS ANGLES X.X ± 0.38 ± 1° X.XX ± 0.25		DRAWN Jane.Z		MAR13/09		TITLE 1XN SFP+ CAGE SPRINGFINGER EMI, WITH LIGHT PIPE					
		DESIGNED									
MATERIAL AND FINISH SEE NOTE 1		CHECKED J.SI		MAR25/09							
		QA APPD									
REF.		IE APPD				SIZE A3		DWG. NO. P-U77-CX61M-X081		REV. C	
CODE IDENT. NO. 03554		DWG APP'D A.G		MAR25/09		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.	ECN/E-R	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	MAR25/09	
B		UPDATED	APR21/09	
C		B-B APPLICATIONS ADDED	MAY25/09	



**RECOMMENDED PCB DESIGN
FOR BELLY TO BELLY MOUNTING**

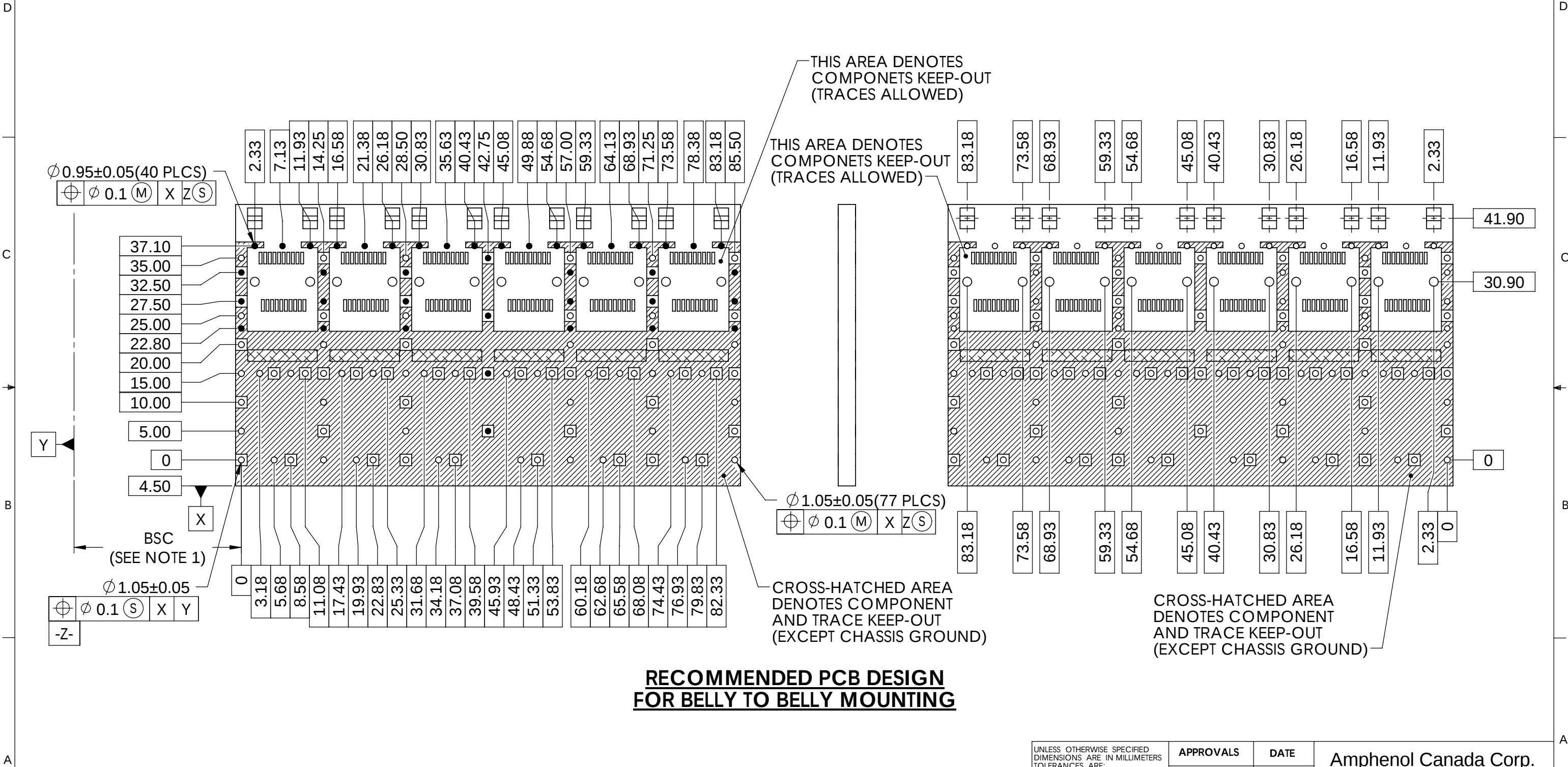
DO NOT SCALE DRAWING

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: DECIMALS ANGLES X.X ± 0.38 ± 1° X.XX ± 0.25		APPROVALS	DATE	Amphenol Canada Corp.	
		DRAWN Jane.Z	MAR13/09	TITLE	
MATERIAL AND FINISH SEE NOTE 1		CHECKED J.SI	MAR25/09	1XN SFP+ CAGE SPRINGFINGER EMI, WITH LIGHT PIPE	
REF.		QA APPD		SIZE A3 DWG. NO. P-U77-CX61M-X081 REV. C	
CODE IDENT. NO. 03554		IE APPD		SCALE 2:1 PROJECT SHEET 9 OF 11	
		DWG APPD A.G	MAR25/09		

- 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	MAR25/09	
B		UPDATED	APR21/09	
C		B-B APPLICATIONS ADDED	MAY25/09	



**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: DECIMALS ANGLES X.X ± 0.38 ± 1° X.XX ± 0.25		APPROVALS	DATE	Amphenol Canada Corp.	
		DRAWN Jane.Z	MAR13/09	TITLE	
MATERIAL AND FINISH SEE NOTE 1		DESIGNED		1XN SFP+ CAGE SPRINGFINGER EMI, WITH LIGHT PIPE	
		CHECKED J.SI	MAR25/09		
REF.		QA APPD		SIZE A3 DWG. NO. P-U77-CX61M-X081 REV. C	
		IE APPD			
CODE IDENT. NO. 03554		DWG APPD A.G	MAR25/09	SCALE 3:2	PROJECT SHEET 11 OF 11