

MATERIAL (RoHS COMPLIANCE):

CAGE:
 COPPER ALLOY
 PLATING OPTION 1: 100µ" [2.54 µm] MIN. TIN
 PLATING OVER 50 µ" (1.27 µm) MIN. NICKEL UNDER PLATING.
 PLATING OPTION 2: 100µ" [3.81 µm] MIN. NICKEL PLATING
 DUST COVER
 THERMOPLASTIC, COLOR BLACK.
 PACKAGING:
 TRAY PACKAGING.
 TEMPERATURE RANGE: -40°C TO +85°C

CONNECTOR:
 PLASTIC HOUSING:
 HIGH TEMPERATURE LCP FLAMMABILITY RATING UL94V-0.
 CONTACTS:
 PHOSPHOR BRONZE
 PLATING OPTION 2: 30µ" [0.76 µm] MIN. GOLD ON MATING AREA AND 2 µ" (0.05 µm) GOLD FLASH PLATING ON TERMINATION OVER 50µ" [1.27 µm] MIN. NICKEL UNDER LAYER.
 PLATING OPTION 3: 30µ" [0.76 µm] MIN. GOLD ON MATING AREA AND 100-150 µ" (3.81-7.62 µm) MIN. LOW WHISKER MATTE TIN PLATING ON TERMINATION OVER 50µ" [1.27 µm] MIN. NICKEL UNDER LAYER.
 PLATING OPTION 5: 15µ" [0.76 µm] MIN. GOLD ON MATING AREA AND 2 µ" (0.05 µm) GOLD FLASH PLATING ON TERMINATION OVER 50µ" [1.27 µm] MIN. NICKEL UNDER LAYER.
 PLATING OPTION 6: 15µ" [0.76 µm] MIN. GOLD ON MATING AREA AND 100-150 µ" (3.81-7.62 µm) MIN. LOW WHISKER MATTE TIN PLATING ON TERMINATION OVER 50µ" [1.27 µm] MIN. NICKEL UNDER LAYER.

PACKAGING:
 TAPE AND REEL.
 TEMPERATURE RANGE: -40°C TO +85°C

AMPHENOL PART NUMBER CONFIGURATION

UE78-A X 1 1 X-0 X X X H

NUMBER OF PORTS

2 = 2 PORTS
 4 = 4 PORTS
 6 = 6 PORTS

MOUNTING

0 = STANDARD
 4 = REAR PRESS-FIT PINS

OPTIONAL DUST COVER

0 - WITHOUT DUST COVER
 D - WITH DUST COVER (SHIP LOOSE)

PACKAGING

H = TAPE AND REEL FOR CONNECTOR,
 TRAY FOR CAGE

PLATING OPTIONAL FOR CAGE

1 - TIN
 2 - NICKEL

PLATING OPTION FOR CONNECTOR

2 = 30µ" GOLD PLATING ON MATING AREA
 GOLD FLASH ON TAILS
 3 = 30µ" GOLD PLATING ON MATING AREA
 150-300µ" MATTE TIN ON TAILS
 5 = 15µ" GOLD PLATING ON MATING AREA
 GOLD FLASH ON TAILS
 6 = 15µ" GOLD PLATING ON MATING AREA
 150-300µ" MATTE TIN ON TAILS



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CAGE PART NUMBER
 (P/N DOES NOT INCLUDE
 PACKAGING TYPE AND
 DUST COVER OPTION)

DATE CODE

U77-A411X-X001
 (IF ORDER SEPARATELY)

CONNECTOR PART NUMBER
 (P/N DOES NOT INCLUDE
 PACKAGINGTYPE)

U77-A211X-X001
 (IF ORDER SEPARATELY)

DATE CODE

UE75-A20-X000T
 (IF ORDER SEPARATELY)

OPTIONAL DUST COVER
 (SHIP LOOSE)
 P/N U77-1110-8000-P
 (IF ORDER SEPARATELY)

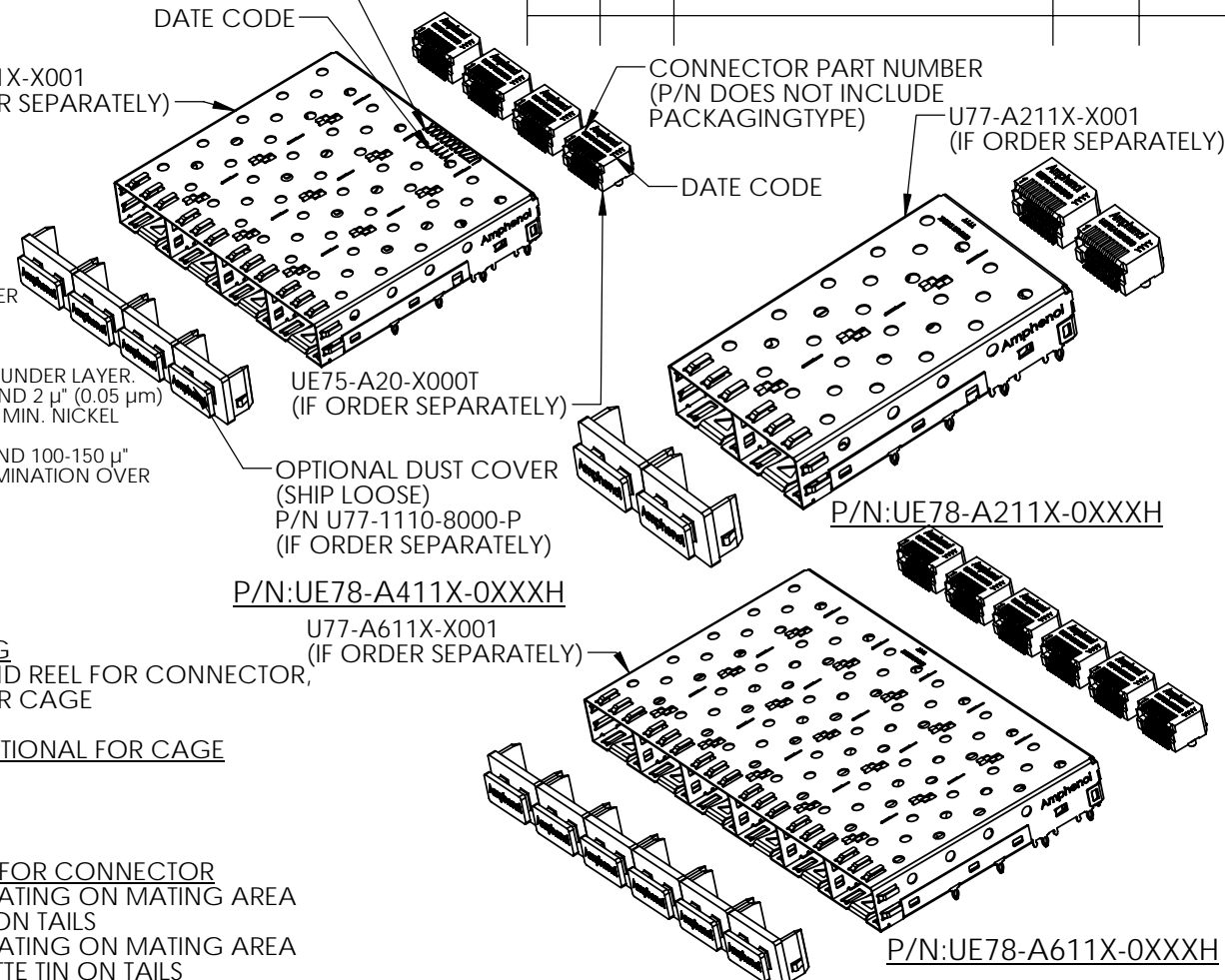
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U77-A611X-X001
 (IF ORDER SEPARATELY)

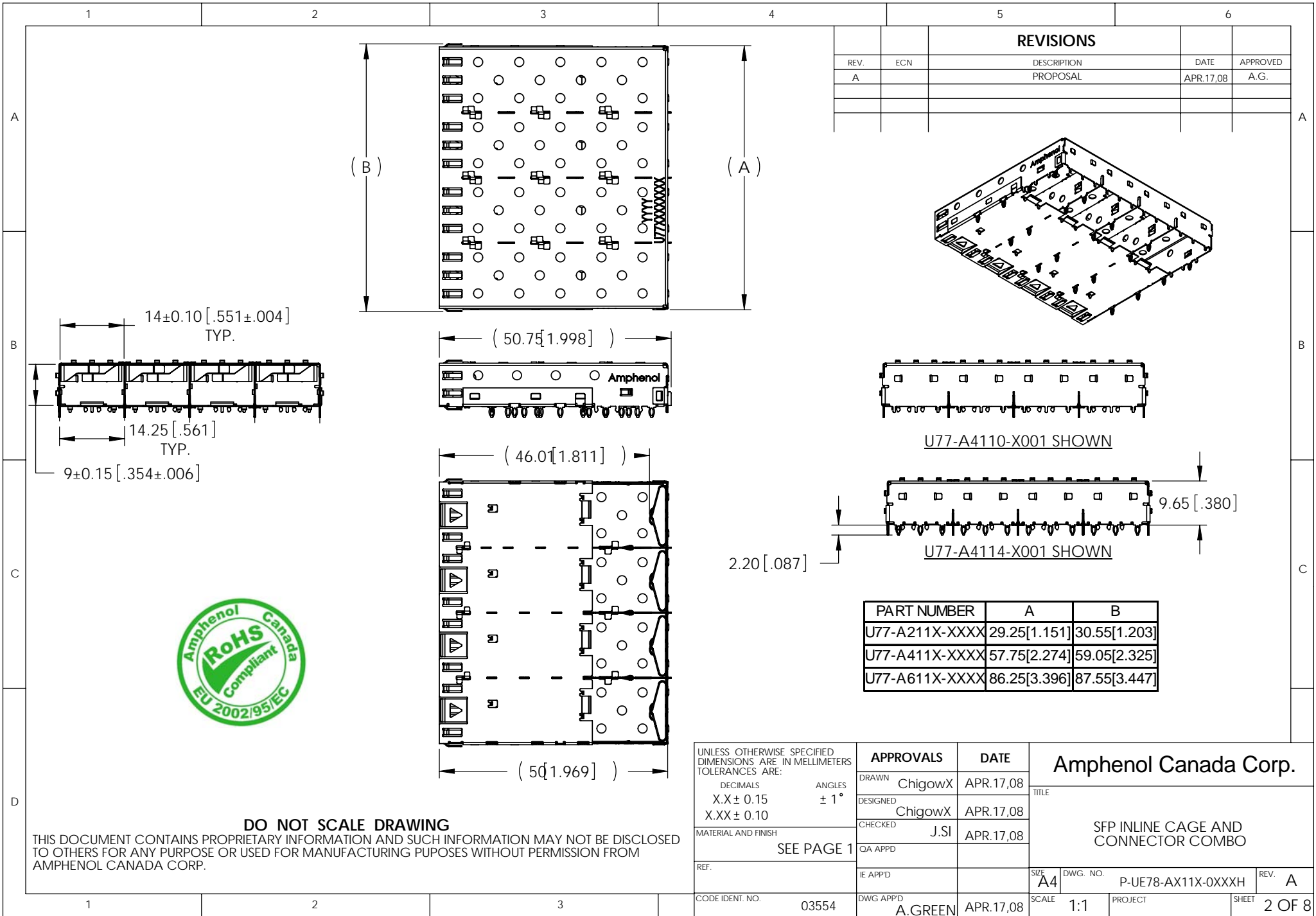
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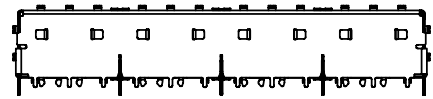
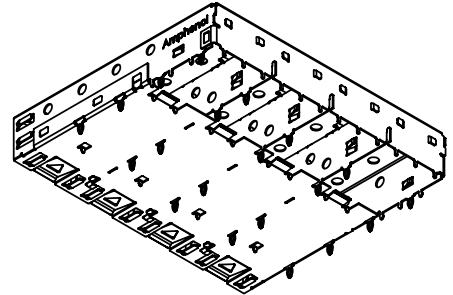
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REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	APR.17,08	A.G.



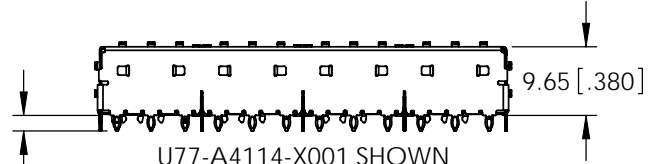
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE		Amphenol Canada Corp.	
DECIMALS	ANGLES	DRAWN	ChigowX	APR.17,08	TITLE		
X.X ± 0.15	± 1°	DESIGNED	ChigowX	APR.17,08	SFP INLINE CAGE AND CONNECTOR COMBO		
X.XX ± 0.10		CHECKED	J.SI	APR.17,08			
MATERIAL AND FINISH		QA APPD					
SEE NOTE		IE APPD					
REF.		DWG APPD	A.GREEN	APR.17,08	SIZE A4	DWG. NO. P-UE78-AX11X-0XXXXH	REV. A
CODE IDENT. NO.	03554	SCALE	3:2	PROJECT		SHEET	1 OF 8



REVISIONS				
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U77-A4110-X001 SHOWN



U77-A4114-X001 SHOWN

PART NUMBER	A	B
U77-A211X-XXXX	29.25[1.151]	30.55[1.203]
U77-A411X-XXXX	57.75[2.274]	59.05[2.325]
U77-A611X-XXXX	86.25[3.396]	87.55[3.447]



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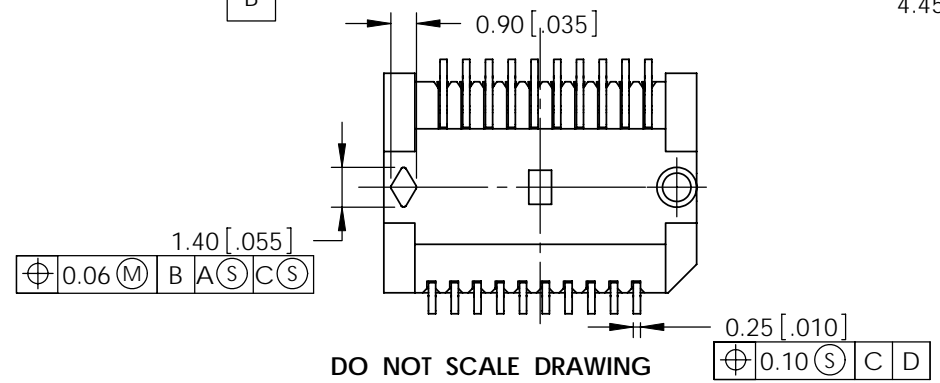
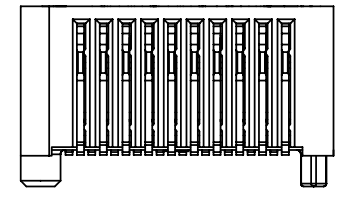
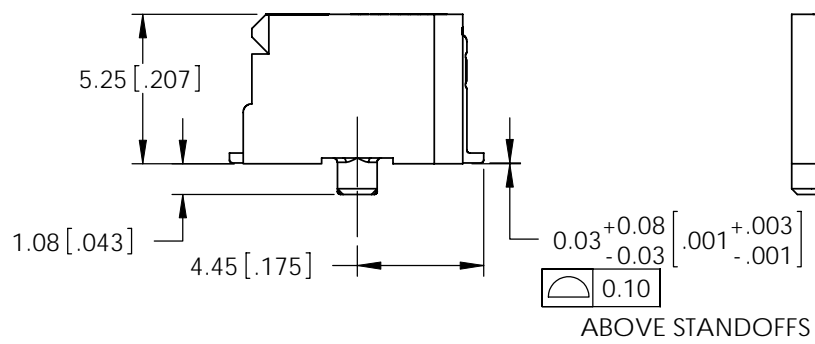
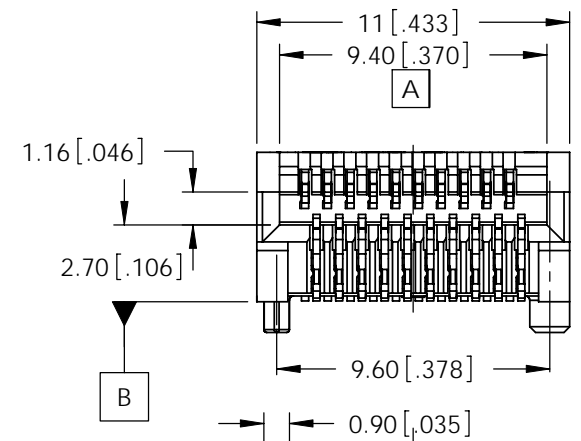
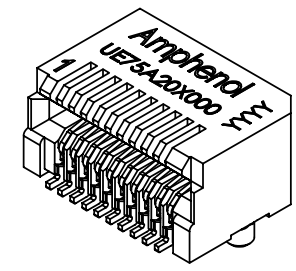
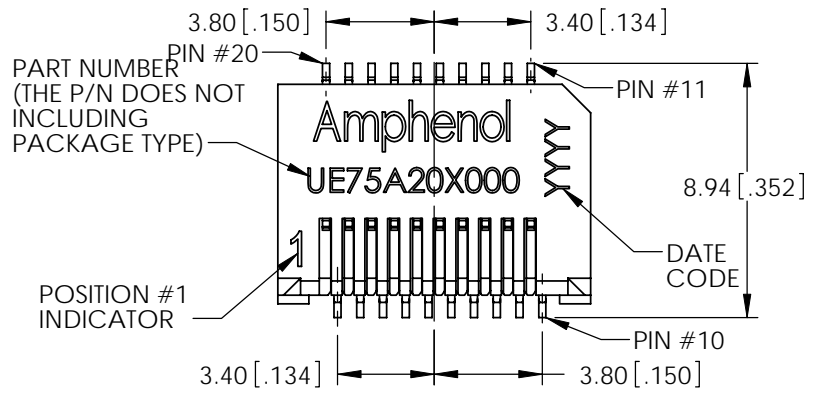
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	DRAWN	ChigowX	APR.17.08
	DESIGNED	ChigowX	APR.17.08
	CHECKED	J.SI	APR.17.08
	QA APPD		
MATERIAL AND FINISH	SEE PAGE 1		
REF.	IE APPD		
CODE IDENT. NO.	03554	DWG APP'D A.GREEN	APR.17.08

Amphenol Canada Corp.			
TITLE			
SFP INLINE CAGE AND CONNECTOR COMBO			
SIZE A4	DWG. NO. P-UE78-AX11X-0XXXXH	REV. A	
SCALE 1:1	PROJECT	SHEET 2 OF 8	

1 2 3 4 5 6

REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	APR.17.08	A.G.



⊕ 0.06 (M) B A (S) C (S)

⊕ 0.10 (S) C D

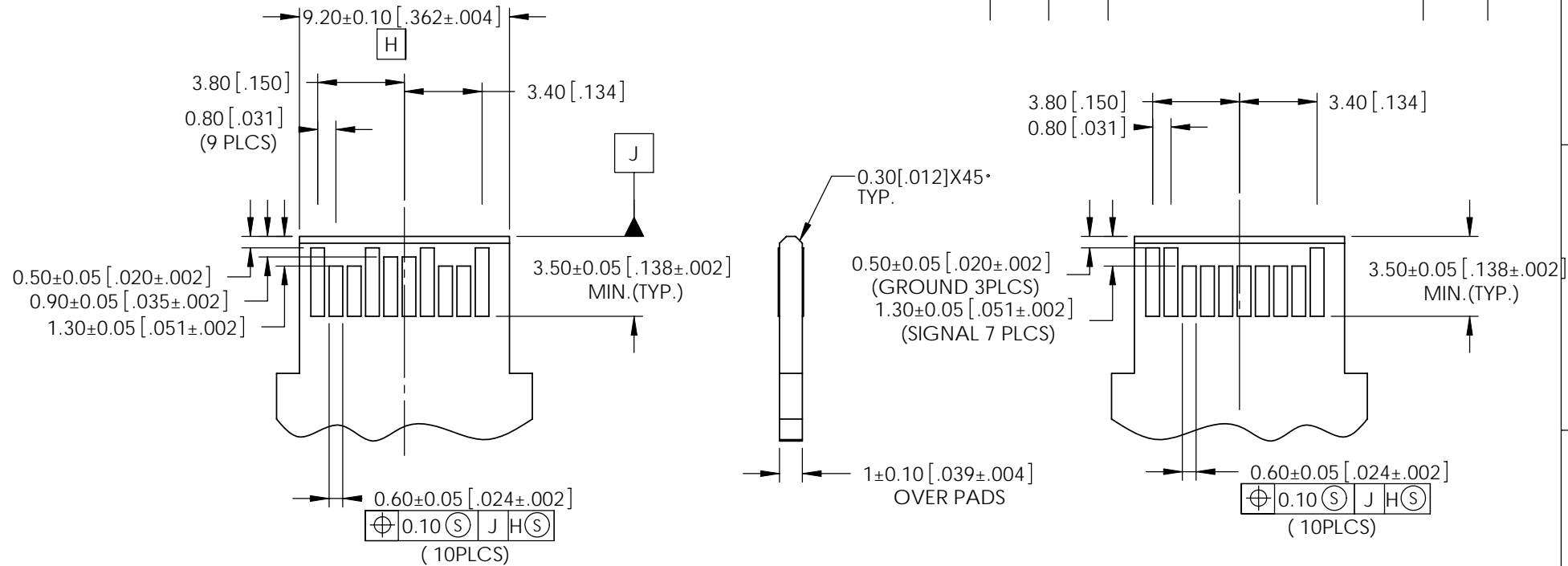
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	DRAWN ChigowX	APR.17.08	
	DESIGNED ChigowX	APR.17.08	
	CHECKED J.SI	APR.17.08	
	QA APPD		
IE APPD		SIZE A4	DWG. NO. P-UE78-AX11X-0XXXH SCALE 1:1
DWG APPD A.GREEN	APR.17.08	REV. A	
		PROJECT SHEET 3 OF 8	

Amphenol Canada Corp.			
TITLE			
SFP INLINE CAGE AND CONNECTOR COMBO			
SIZE	DWG. NO.	P-UE78-AX11X-0XXXH	REV. A
SCALE	1:1	PROJECT	SHEET 3 OF 8

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REVISIONS				
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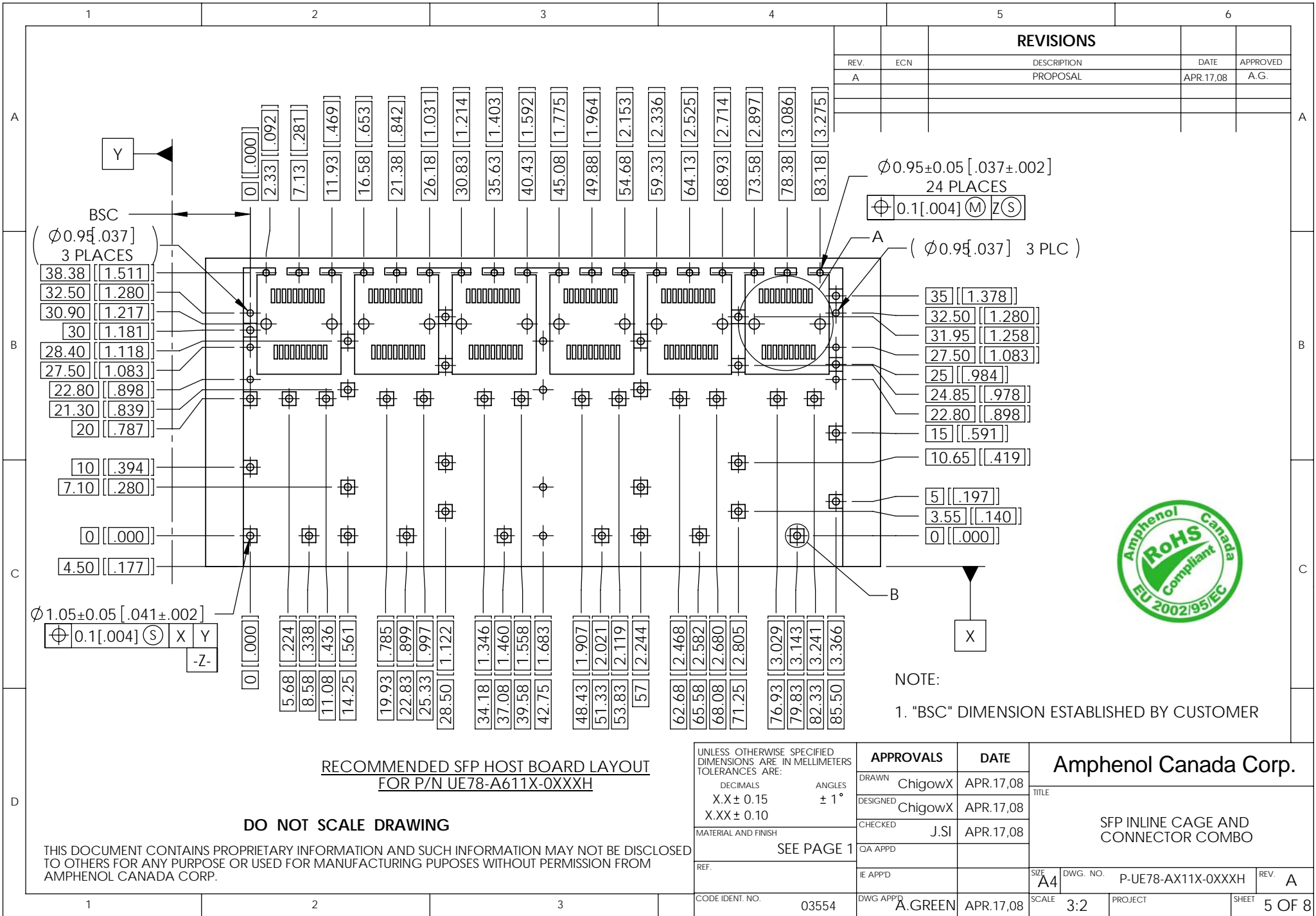
RECOMMENDED LAYOUT DETAIL
MATING TRANSCEIVER PCB



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X.X ± 0.15	± 1°	DESIGNED	ChigowX	APR.17.08	SFP INLINE CAGE AND CONNECTOR COMBO		
X.XX ± 0.10		CHECKED	J.SI	APR.17.08			
MATERIAL AND FINISH		O/A APP'D				SIZE	DWG. NO.
SEE PAGE 1						A4	P-UE78-AX11X-0XXXH
REF.		IE APP'D				SCALE	PROJECT
						5:1	
CODE IDENT. NO.	03554	DWG APP'D		A.GREEN		APR.17.08	SHEET
							4 OF 8



REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	APR.17,08	A.G.

**RECOMMENDED SFP HOST BOARD LAYOUT
FOR P/N UE78-A611X-0XXXH**

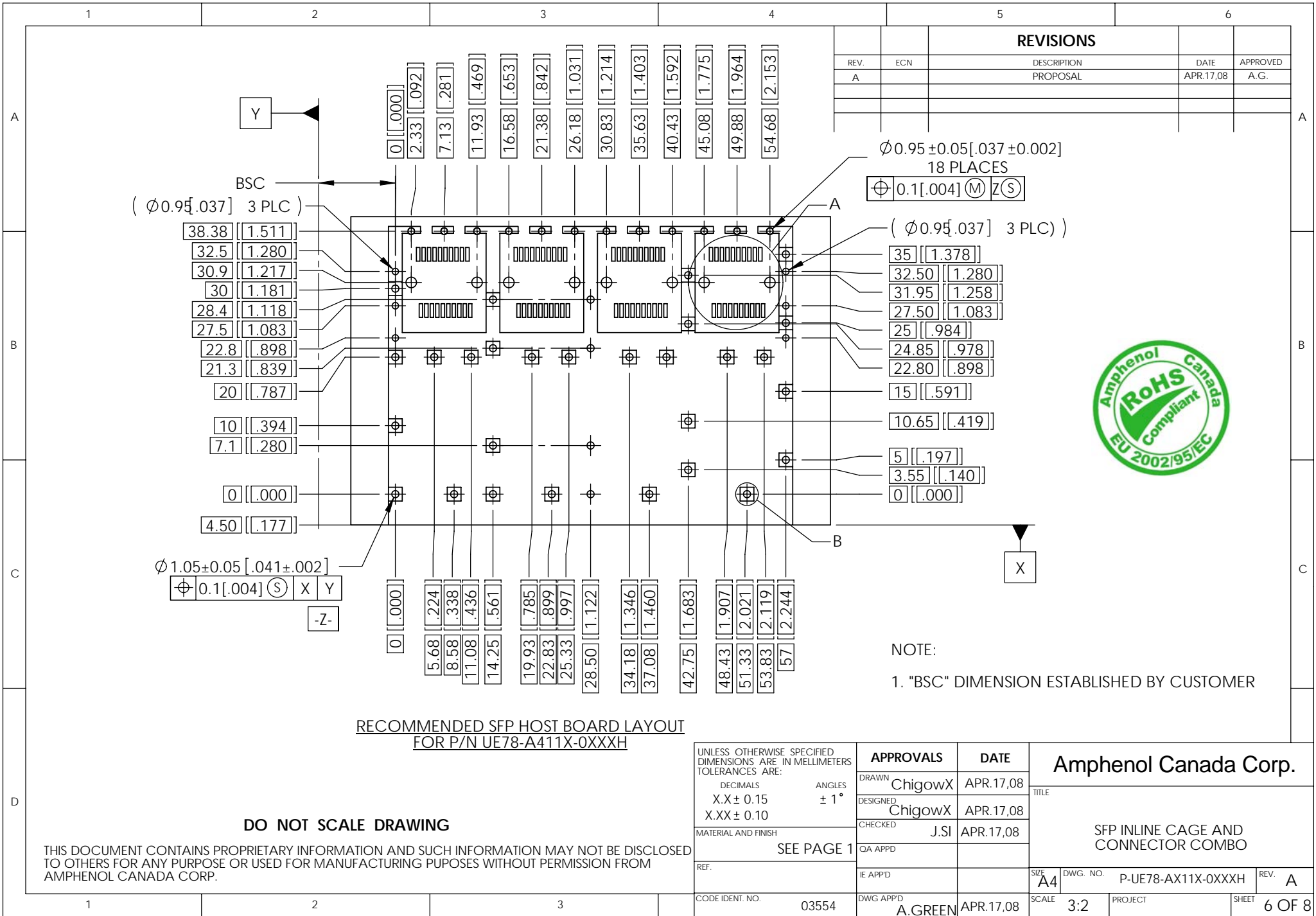
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NOTE:
1. "BSC" DIMENSION ESTABLISHED BY CUSTOMER

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DECIMALS	ANGLES	DRAWN	ChigowX	APR.17,08	TITLE		
X.X ± 0.15	± 1°	DESIGNED	ChigowX	APR.17,08	SFP INLINE CAGE AND CONNECTOR COMBO		
X.XX ± 0.10		CHECKED	J.SI	APR.17,08			
MATERIAL AND FINISH		QA APPD					
SEE PAGE 1		IE APPD					
REF.		DWG APPD	A.GREEN	APR.17,08	SIZE A4	DWG. NO. P-UE78-AX11X-0XXXH	REV. A
CODE IDENT. NO.	03554	SCALE	3:2	PROJECT		SHEET	5 OF 8





REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	APR.17,08	A.G.

$\varnothing 0.95 \pm 0.05$ [.037 \pm 0.002]
 18 PLACES
 $\varnothing 0.1$ [.004] (M) Z(S)

($\varnothing 0.95$ [.037] 3 PLC)
 35 [.1378]
 32.50 [.1280]
 31.95 [.1258]
 27.50 [.1083]
 25 [.984]
 24.85 [.978]
 22.80 [.898]
 15 [.591]
 10.65 [.419]
 5 [.197]
 3.55 [.140]
 0 [.000]

BSC
 ($\varnothing 0.95$ [.037] 3 PLC)

38.38 [.1511]
 32.5 [.1280]
 30.9 [.1217]
 30 [.1181]
 28.4 [.1118]
 27.5 [.1083]
 22.8 [.898]
 21.3 [.839]
 20 [.787]
 10 [.394]
 7.1 [.280]

$\varnothing 1.05 \pm 0.05$ [.041 \pm 0.002]
 $\varnothing 0.1$ [.004] (S) X Y
 -Z-

0 [.000] 5.68 [.224] 8.58 [.338] 11.08 [.436] 14.25 [.561] 19.93 [.785] 22.83 [.899] 25.33 [.997] 28.50 [1.122] 34.18 [1.346] 37.08 [1.460] 42.75 [1.683] 48.43 [1.907] 51.33 [2.021] 53.83 [2.119] 57 [2.244]

NOTE:
 1. "BSC" DIMENSION ESTABLISHED BY CUSTOMER



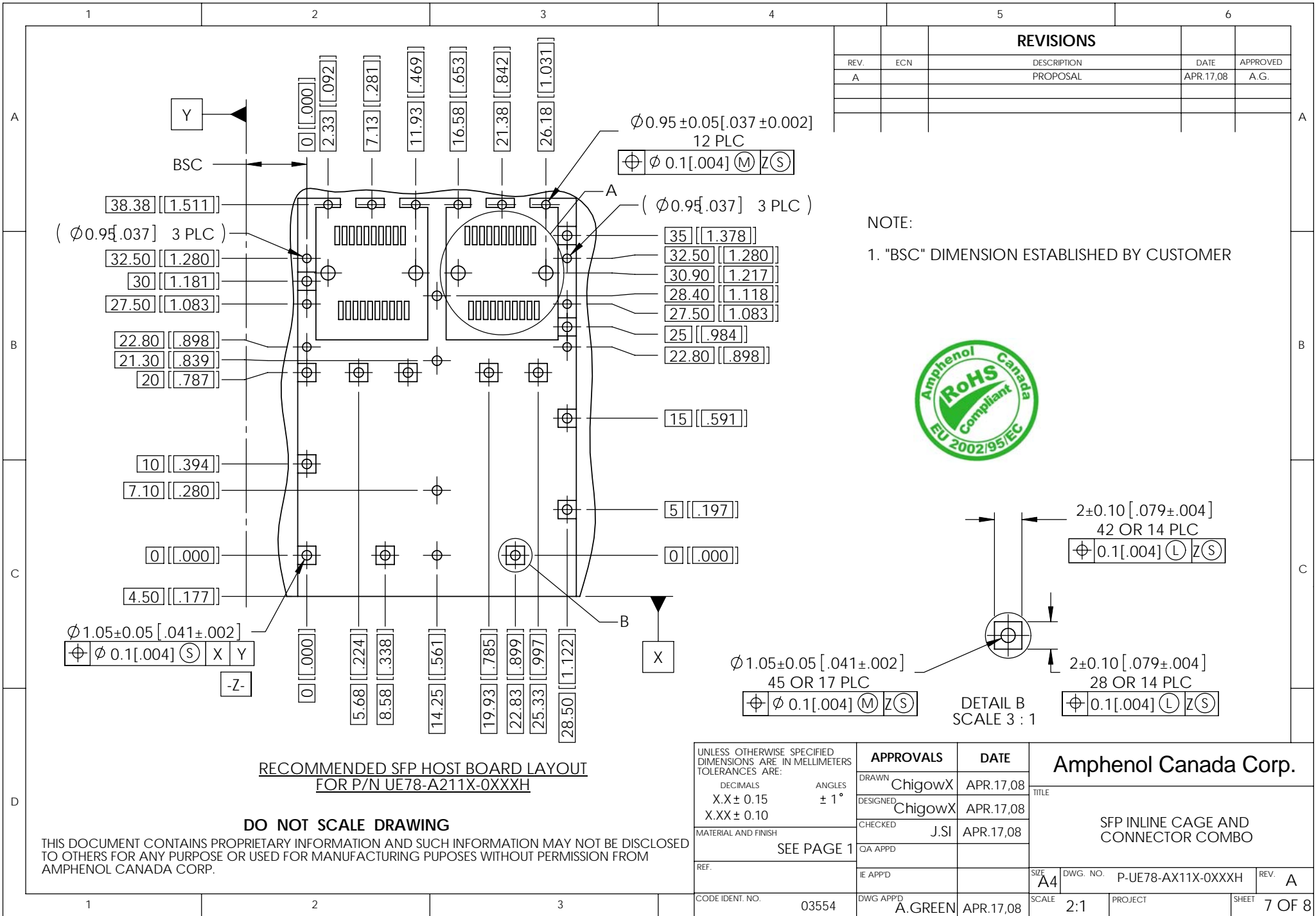
**RECOMMENDED SFP HOST BOARD LAYOUT
 FOR P/N UE78-A411X-0XXXXH**

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	MATERIAL AND FINISH SEE PAGE 1	IE APPD		DWG. NO. P-UE78-AX11X-0XXXXH
	REF.	DWG APPD A.GREEN		APR.17,08
	CODE IDENT. NO. 03554	SCALE 3:2		PROJECT
	SHEET 6 OF 8	REV. A		SHEET

SIZE A4 SCALE 3:2	DWG. NO. P-UE78-AX11X-0XXXXH PROJECT	REV. A SHEET 6 OF 8
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REVISIONS				
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A		PROPOSAL	APR.17,08	A.G.

NOTE:
1. "BSC" DIMENSION ESTABLISHED BY CUSTOMER



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X.X ± 0.15	± 1°	DESIGNED ChigowX	APR.17,08
X.XX ± 0.10		CHECKED J.SI	APR.17,08
MATERIAL AND FINISH		QA APPD	
SEE PAGE 1		IE APPD	
REF.			
CODE IDENT. NO.	03554	DWG APPD A.GREEN	APR.17,08

Amphenol Canada Corp.		
TITLE	SFP INLINE CAGE AND CONNECTOR COMBO	
SIZE A4	DWG. NO. P-UE78-AX11X-0XXXH	REV. A
SCALE 2:1	PROJECT	SHEET 7 OF 8

RECOMMENDED SFP HOST BOARD LAYOUT FOR P/N UE78-A211X-0XXXH

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