

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)

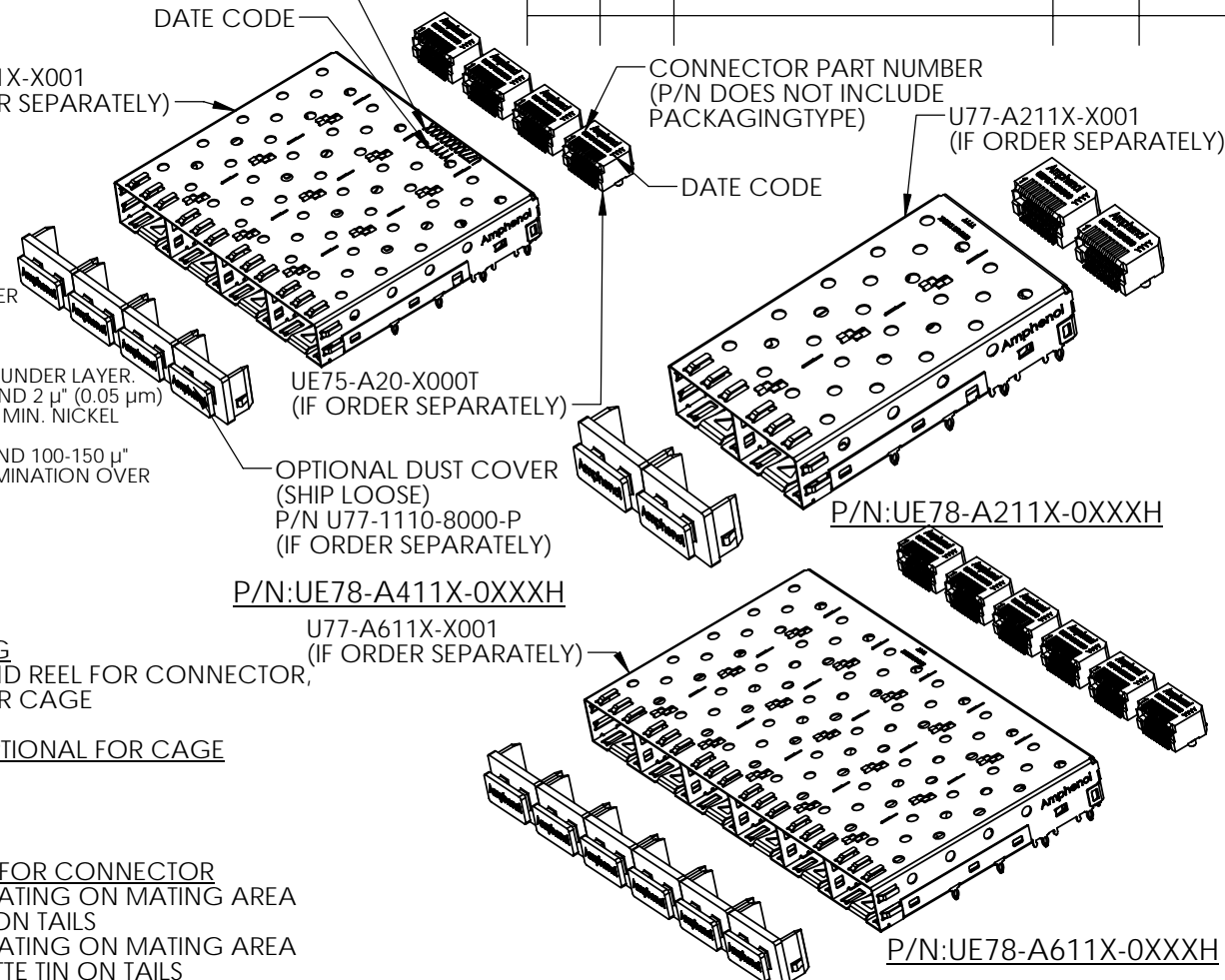
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U77-A611X-X001
 (IF ORDER SEPARATELY)

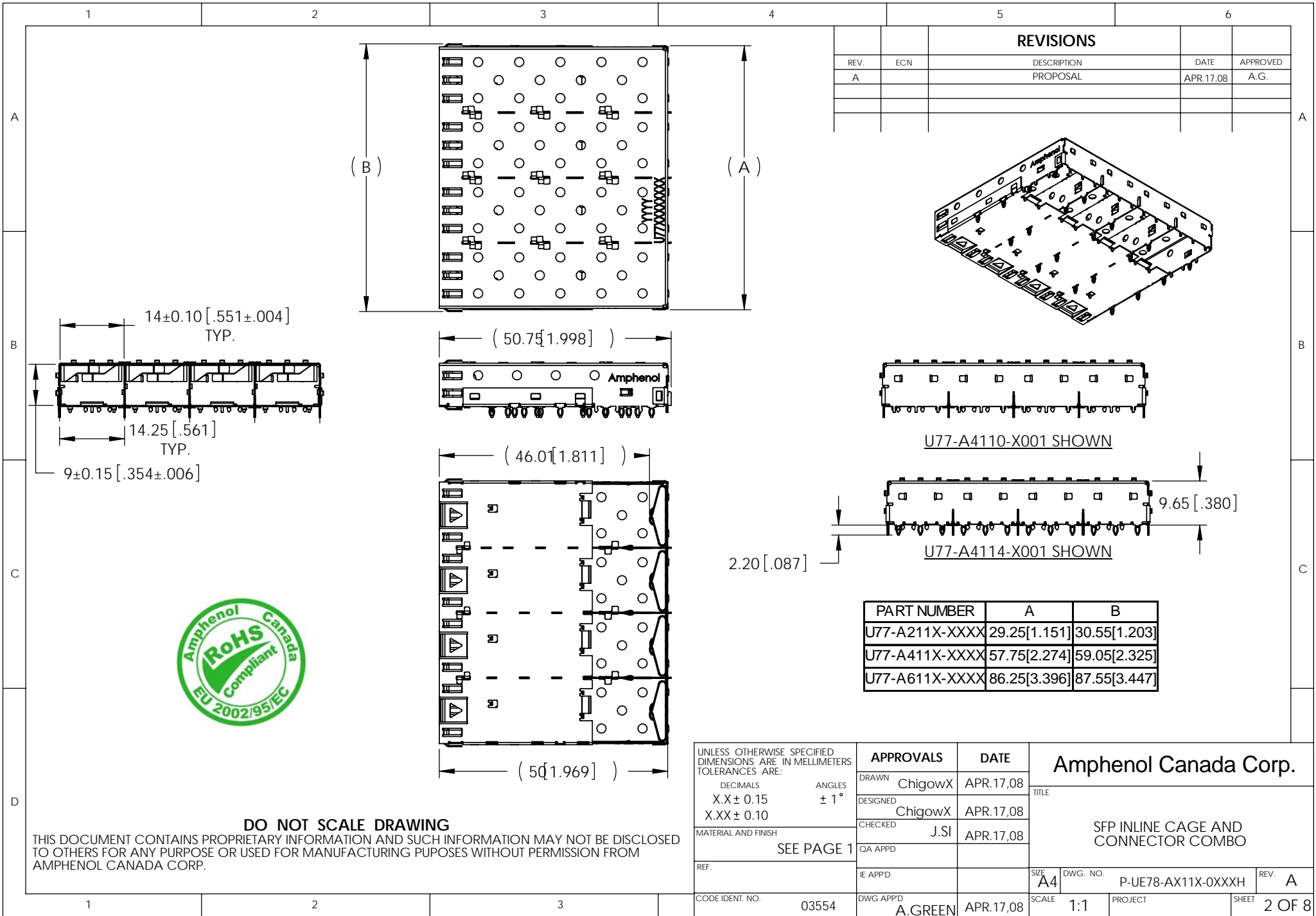
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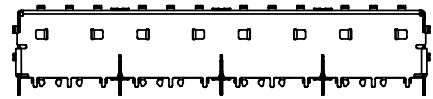
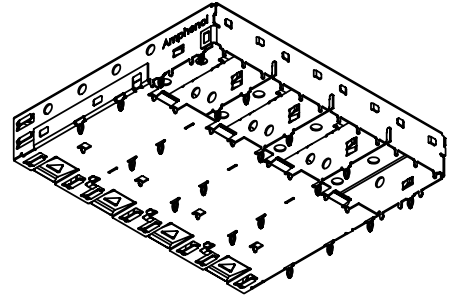
REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	APR.17,08	A.G.



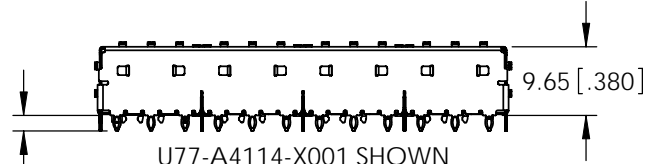
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE		Amphenol Canada Corp.	
DECIMALS	ANGLES	DRAWN	ChigowX	APR.17,08	TITLE		
X.X ± 0.15	± 1°	DESIGNED	ChigowX	APR.17,08	SFP INLINE CAGE AND CONNECTOR COMBO		
X.XX ± 0.10		CHECKED	J.SI	APR.17,08			
MATERIAL AND FINISH		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				
REV.	ECN	DESCRIPTION	DATE	APPROVED
A		PROPOSAL	APR.17.08	A.G.



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]



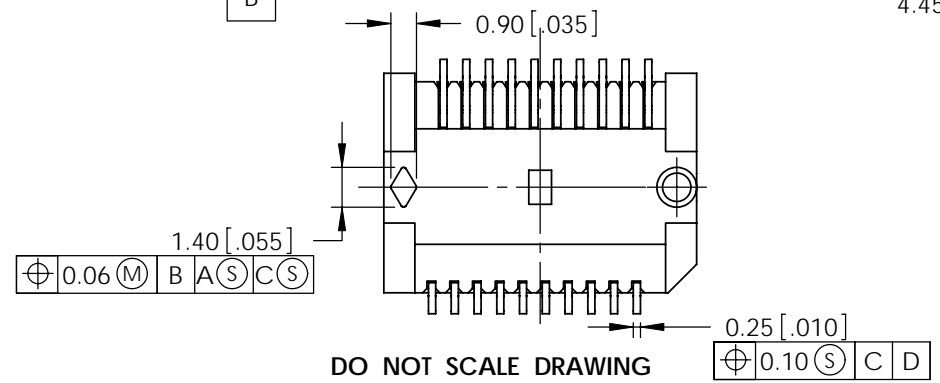
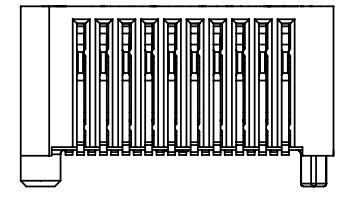
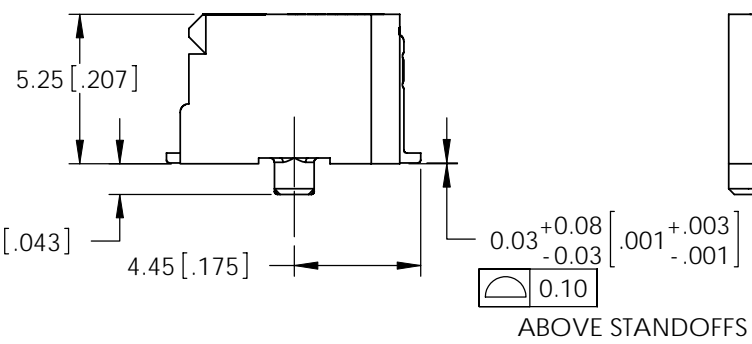
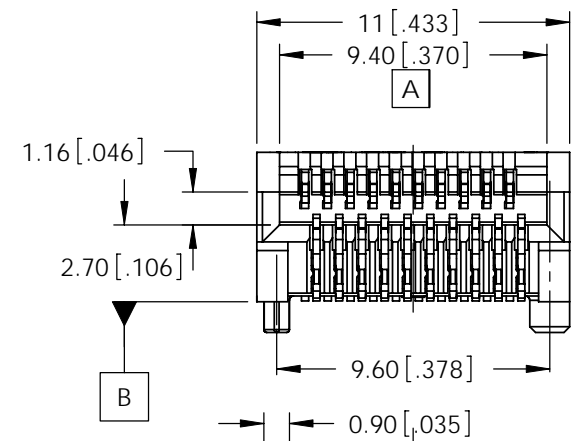
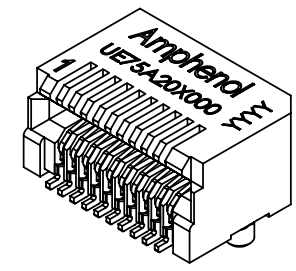
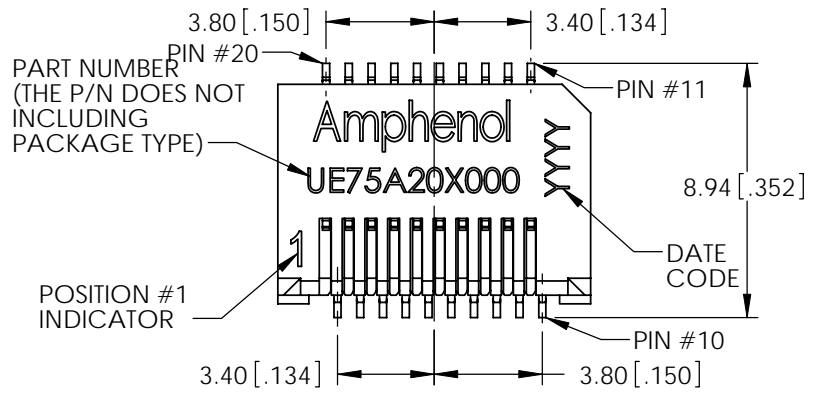
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	DRAWN ChigowX	APR.17.08	
DESIGNED ChigowX	APR.17.08		
CHECKED J.SI	APR.17.08		
QA APPD			
	IE APPD		
	DWG APPD A.GREEN	APR.17.08	

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

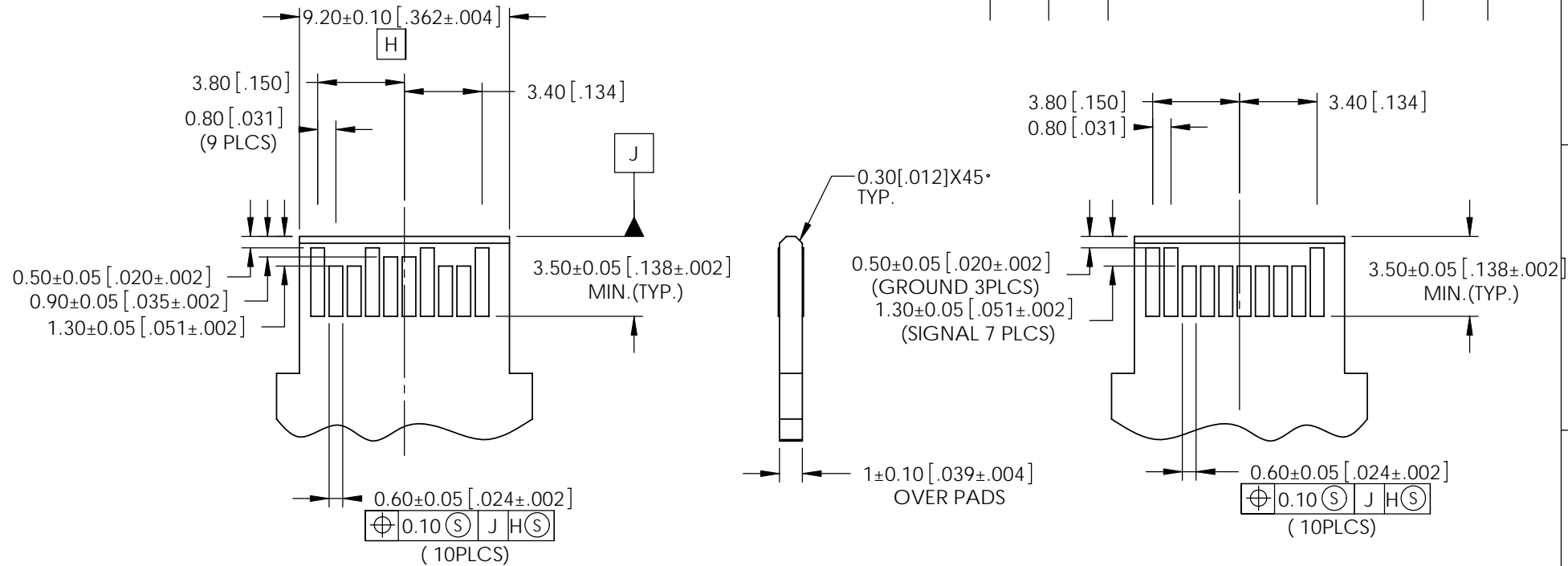
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	DRAWN ChigowX	APR.17.08	
	DESIGNED ChigowX	APR.17.08	
	CHECKED J.SI	APR.17.08	
	QA APPD		
IE APPD		SIZE A4	DWG. NO. P-UE78-AX11X-0XXXH SCALE 1:1
DWG APPD A.GREEN	APR.17.08	PROJECT	
03554		SHEET 3 OF 8	

Amphenol Canada Corp.		
TITLE		
SFP INLINE CAGE AND CONNECTOR COMBO		
REV. A		

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1 2 3 4 5 6

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



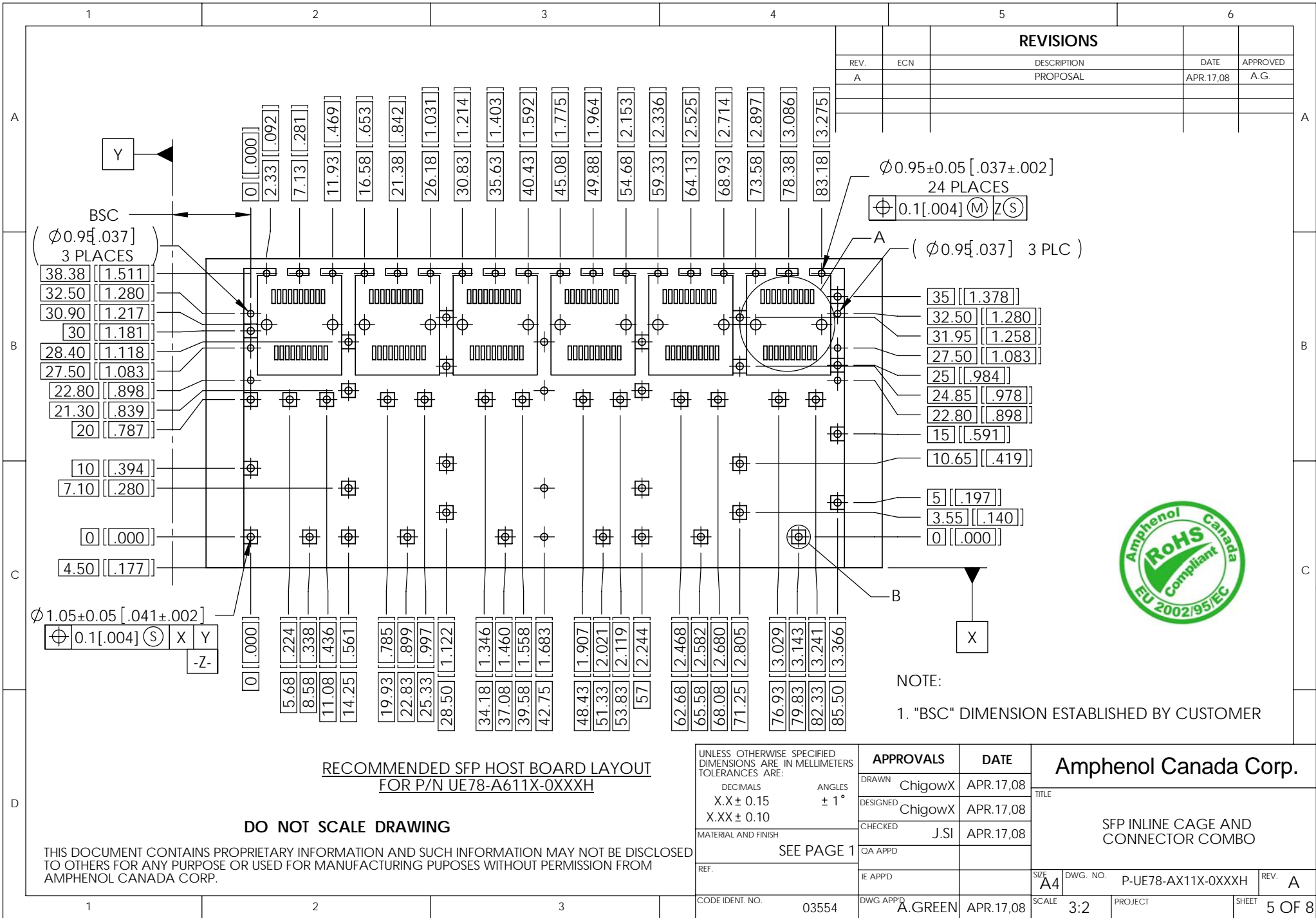
RECOMMENDED LAYOUT DETAIL
MATING TRANSCEIVER PCB



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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		REV. A	
X.XX ± 0.10		CHECKED	J.SI	APR.17.08				
MATERIAL AND FINISH		O/A APPD		IE APPD		SIZE	DWG. NO.	
SEE PAGE 1						A4	P-UE78-AX11X-0XXXH	
REF.		DWG APPD		SCALE		PROJECT		
CODE IDENT. NO.	03554	A.GREEN		APR.17.08		5:1	SHEET	
							4 OF 8	



REVISIONS

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

Ø 0.95±0.05 [.037±.002]
24 PLACES
⊕ 0.1[.004] (M) Z(S)

(Ø 0.95 [.037] 3 PLC)



NOTE:

1. "BSC" DIMENSION ESTABLISHED BY CUSTOMER

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

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:

DECIMALS ANGLES
X.X ± 0.15 ± 1°
X.XX ± 0.10

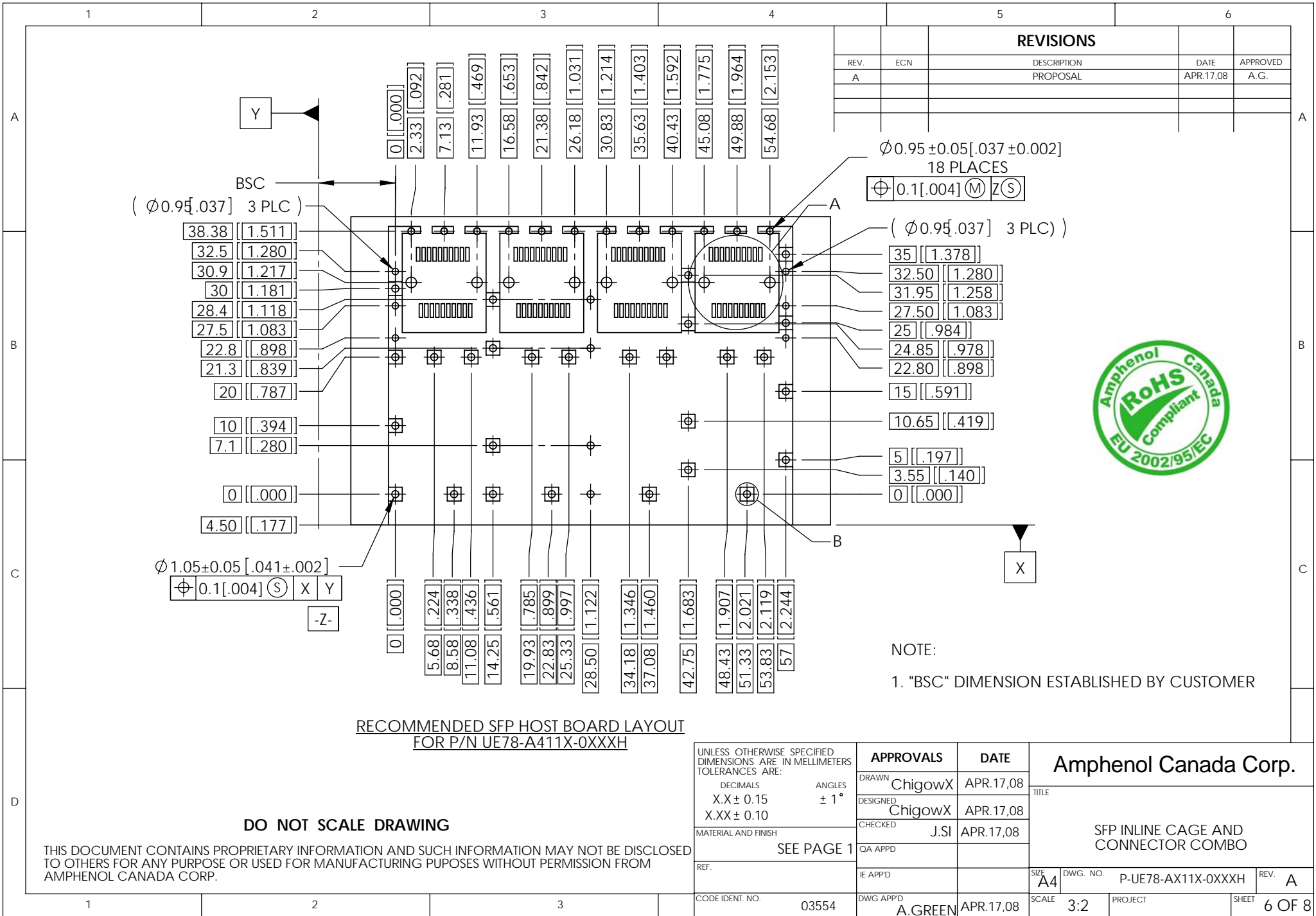
MATERIAL AND FINISH
SEE PAGE 1

REF.

CODE IDENT. NO. 03554

APPROVALS		DATE
DRAWN	ChigowX	APR.17,08
DESIGNED	ChigowX	APR.17,08
CHECKED	J.SI	APR.17,08
QA APPD		
IE APPD		
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
SCALE 3:2	PROJECT
REV. A	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 | [1.378]
 32.50 | [1.280]
 31.95 | [1.258]
 27.50 | [1.083]
 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 | [1.511]
 32.5 | [1.280]
 30.9 | [1.217]
 30 | [1.181]
 28.4 | [1.118]
 27.5 | [1.083]
 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

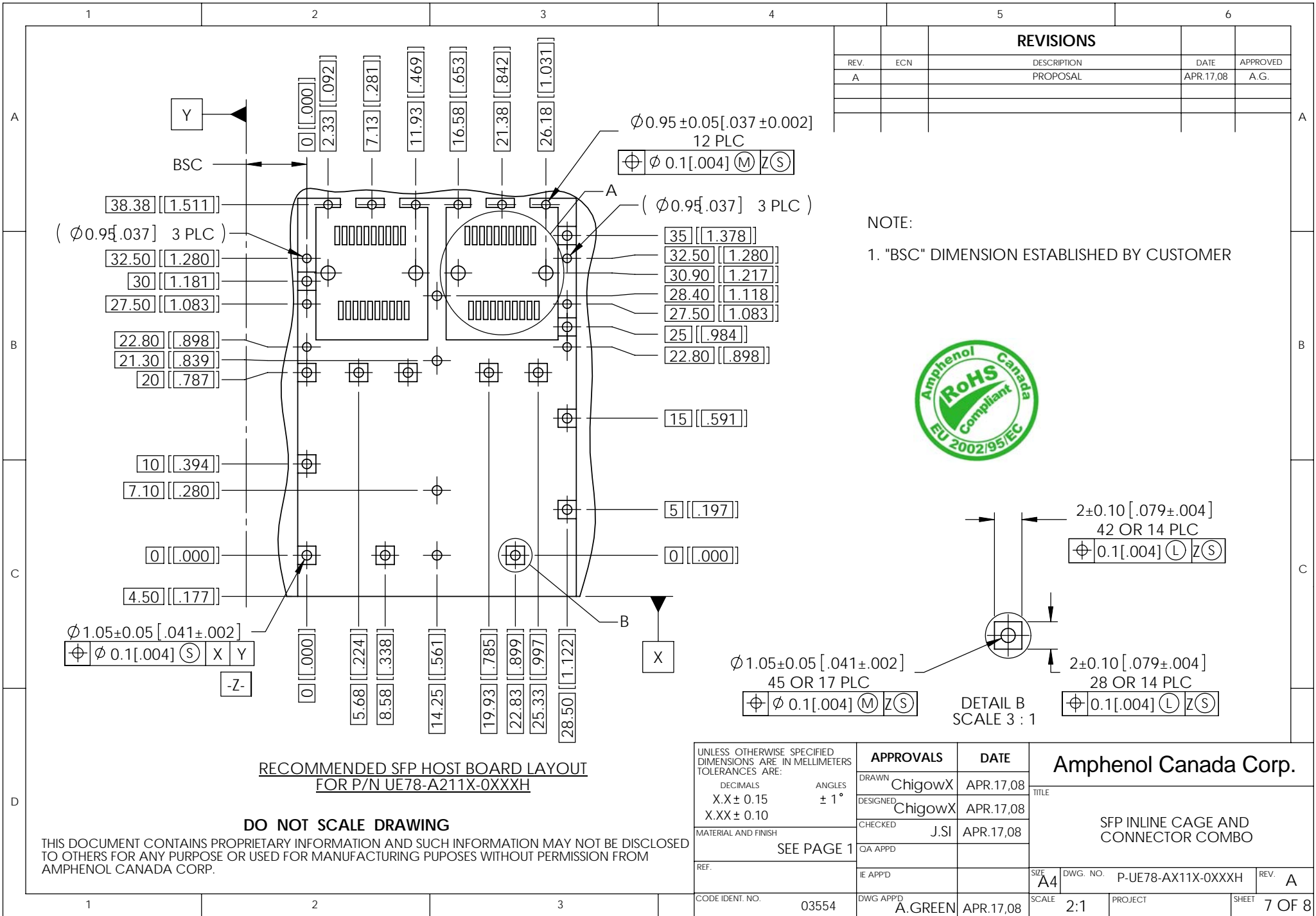


**RECOMMENDED SFP HOST BOARD LAYOUT
 FOR P/N UE78-A411X-0XXXXH**

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	DRAWN ChigowX	APR.17,08	
	DESIGNED ChigowX	APR.17,08	
	CHECKED J.SI	APR.17,08	
	QA APPD		
IE APPD			
DWG APPD A.GREEN	APR.17,08		



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

NOTE:
1. "BSC" DIMENSION ESTABLISHED BY CUSTOMER



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS	DATE
DECIMALS	ANGLES	DRAWN ChigowX	APR.17,08
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
SCALE 2:1	PROJECT
SHEET 7 OF 8	REV. A

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

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