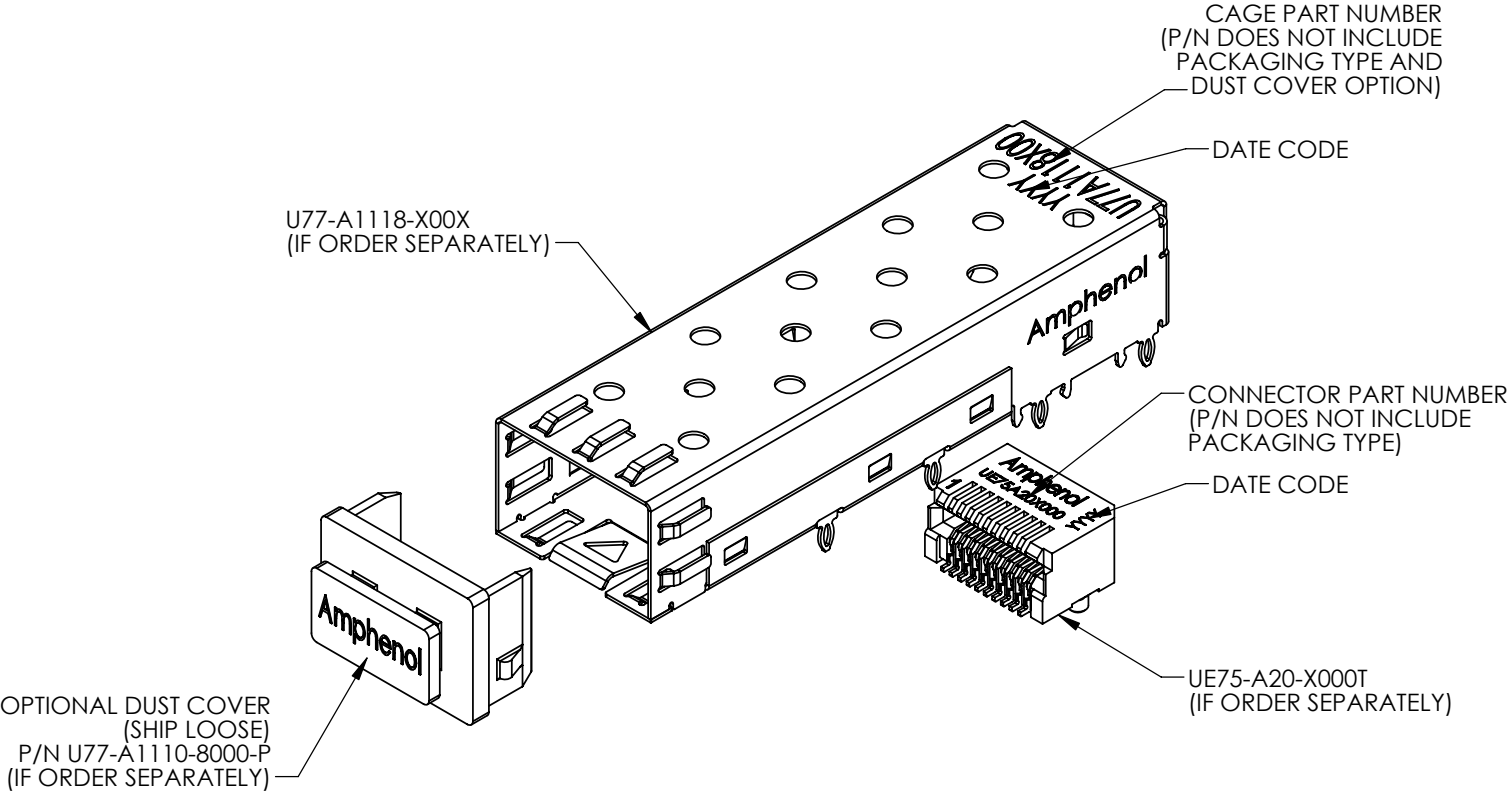


REVISIONS				
REV.	ECN/E-R	DESCRIPTION	DATE	APPROVED
B		CUSTOMER DRAWING	2006/04/05	J.SI
C		UPDATED	2006/08/09	
D		UPDATED	2007/01/02	



AMPHENOL PART NUMBER CONFIGURATION:
UE78 - A 1 1 1 8 - 0 X X X X

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

PLATING OPTIONS FOR CONNECTOR
2 - 30µ" GOLD PLATING ON MATING AREA
GOLD FLASH ON TERMINATION
3 - 30µ" GOLD PLATING ON MATING AREA
150-300µ" MATTE TIN ON TERMINATION
5 - 15µ" GOLD PLATING ON MATING AREA
GOLD FLASH ON TERMINATION
6 - 15µ" GOLD PLATING ON MATING AREA
150-300µ" MATTE TIN ON TERMINATION

PACKAGING OPTIONS
T - TAPE AND REEL PACKAGING
FOR BOTH CONNECTORS AND
CAGES
H - TAPE AND REEL FOR
CONNECTORS TRAY FOR
CAGES

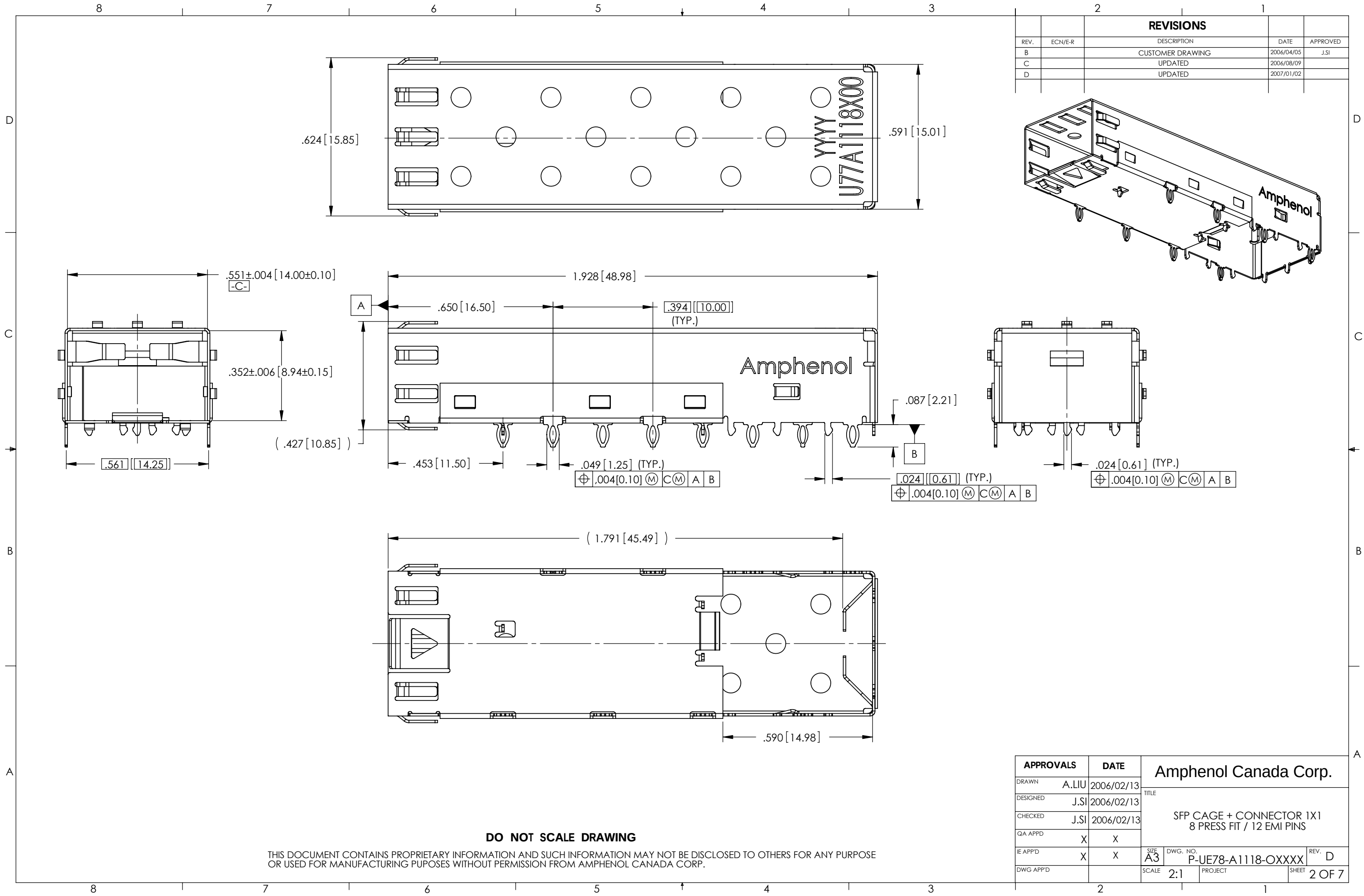
PLATING OPTIONS FOR CAGE
1 - TIN
2 - NICKEL

MATERIAL (RoHS COMPLIANCE):
CAGE:
COPPER ALLOY
PLATING OPTION 1: 100µ" [2.54 µm] TIN PLATING OVER
50 µ" (1.27 µm) NICKEL UNDER PLATING.
PLATING OPTION 2: 100µ" [2.54 µm] NICKEL PLATING
(NOT FOR SOLDER PINS).
DUST COVER
THERMOPLASTIC, COLOR BLACK.
PACKAGING:
TAPE AND REEL OR TRAY PACKAGING.
TEMPERATURE RANGE: -40 °C TO +85 °C

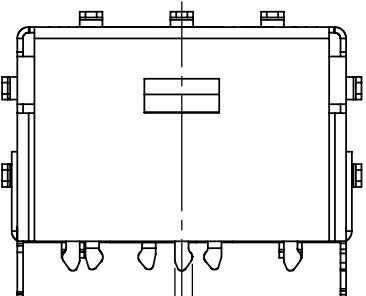
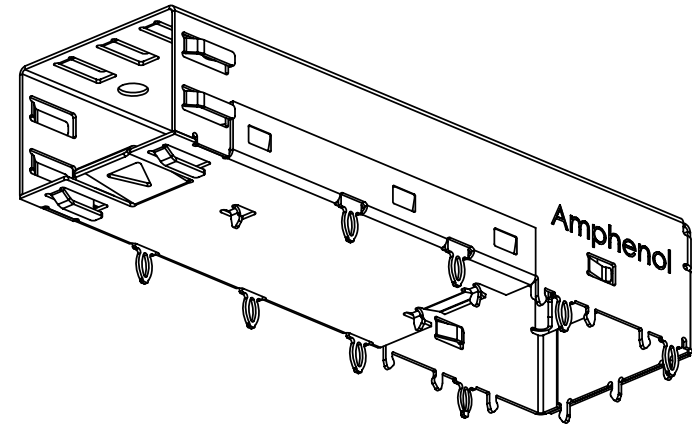
CONNECTOR:
PLASTIC HOUSING:
HIGH TEMPERATURE RESISTANT NYLON FLAMMABILITY RATING UL94V-0.
CONTACTS:
PHOSPHOR BRONZE
PLATING OPTION 2: 30µ" [0.76 µm] GOLD ON MATING AREA AND 2 µ"
(0.05 µm) GOLD FLASH PLATING ON TERMINATION OVER
50µ"[1.27µm] NICKEL UNDER LAYER.
PLATING OPTION 3: 30µ" [0.76 µm] GOLD ON MATING AREA AND
150-300 µ" (3.81-7.62 µm) LOW WHISKER MATTE TIN PLATING
ON TERMINATION OVER 50µ" [1.27 µm] NICKEL UNDER LAYER.
PLATING OPTION 5: 15µ" GOLD PLATING ON MATING AREA
GOLD FLASH ON TERMINATION
PLATING OPTION 6: 15µ" GOLD PLATING ON MATING AREA
150-300µ" (3.81-7.62 µm) MATTE TIN ON TERMINATION
PACKAGING:
TAPE AND REEL.
TEMPERATURE RANGE: -40 °C TO +85 °C

DO NOT SCALE DRAWING
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OR USED FOR MANUFACTURING PUPOSES WITHOUT PERMISSION FROM AMPHENOL CANADA CORP.

APPROVALS		DATE	Amphenol Canada Corp.			
DRAWN	A.LIU	2006/02/13	TITLE SFP CAGE + CONNECTOR 1X1 8 PRESS FIT / 12 EMI PINS			
DESIGNED	J.SI	2006/02/13				
CHECKED	J.SI	2006/02/13				
QA APPD	X	X				
IE APPD	X	X	SIZE A3	DWG. NO. P-UE78-A1118-0XXXX	REV. D	
DWG APPD			SCALE 2:1	PROJECT	SHEET 1 OF 7	



REVISIONS				
REV.	ECN/E-R	DESCRIPTION	DATE	APPROVED
B		CUSTOMER DRAWING	2006/04/05	J.SI
C		UPDATED	2006/08/09	
D		UPDATED	2007/01/02	



.024 [0.61] (TYP.)	
⊕ .004 [0.10] (M)	C (M) A B

.024 [[0.61]] (TYP.)	
⊕ .004 [0.10] (M)	C (M) A B

B

.087 [2.21]

Amphenol

.394 [[10.00]]
(TYP.)

A

.049 [1.25] (TYP.)	
⊕ .004 [0.10] (M)	C (M) A B

.453 [11.50]

(.427 [10.85])

.352±.006 [8.94±0.15]

.551±.004 [14.00±0.10]
-C-

8

7

6

5

4

3

2

1

D

C

B

A

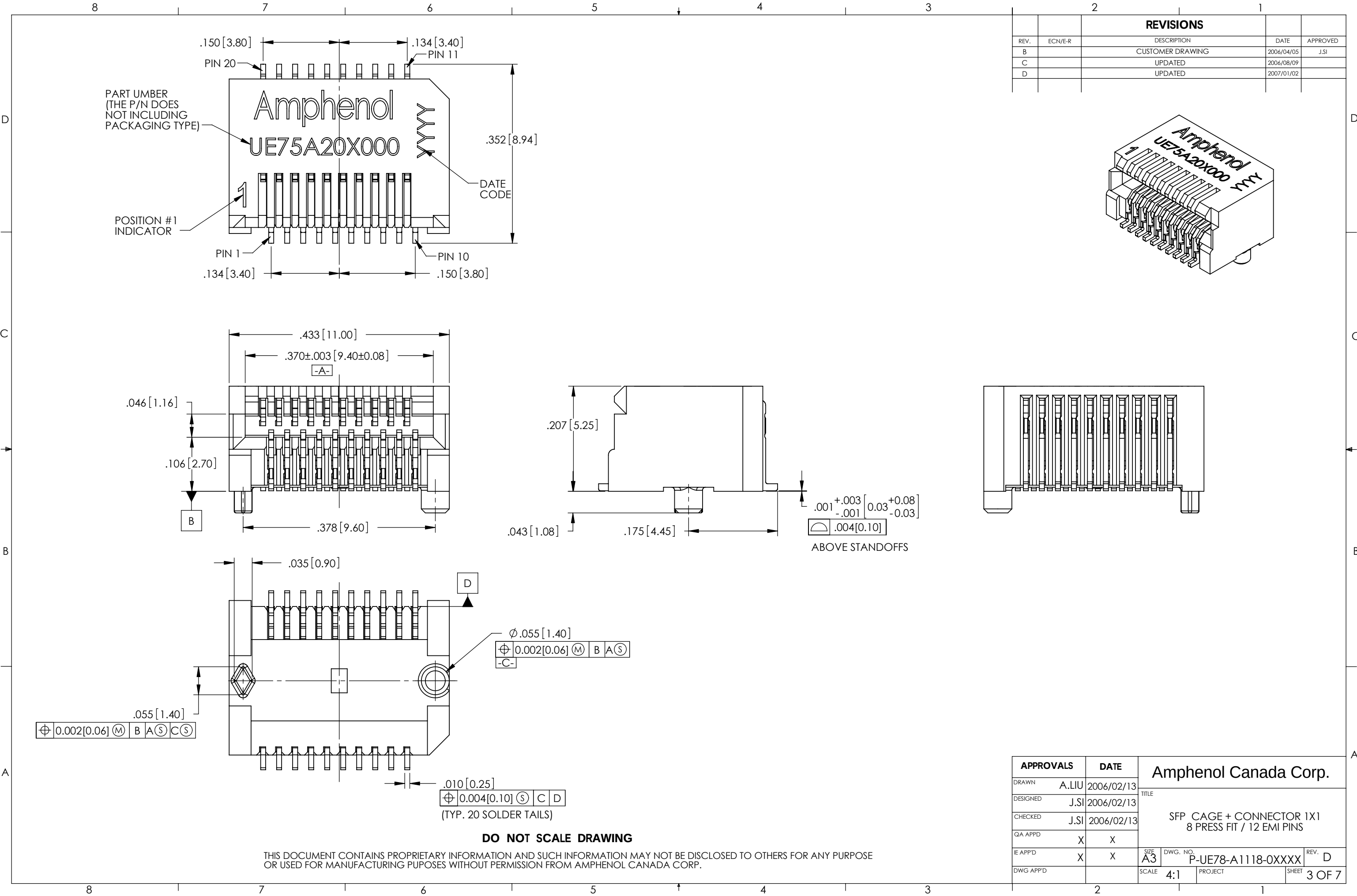
D

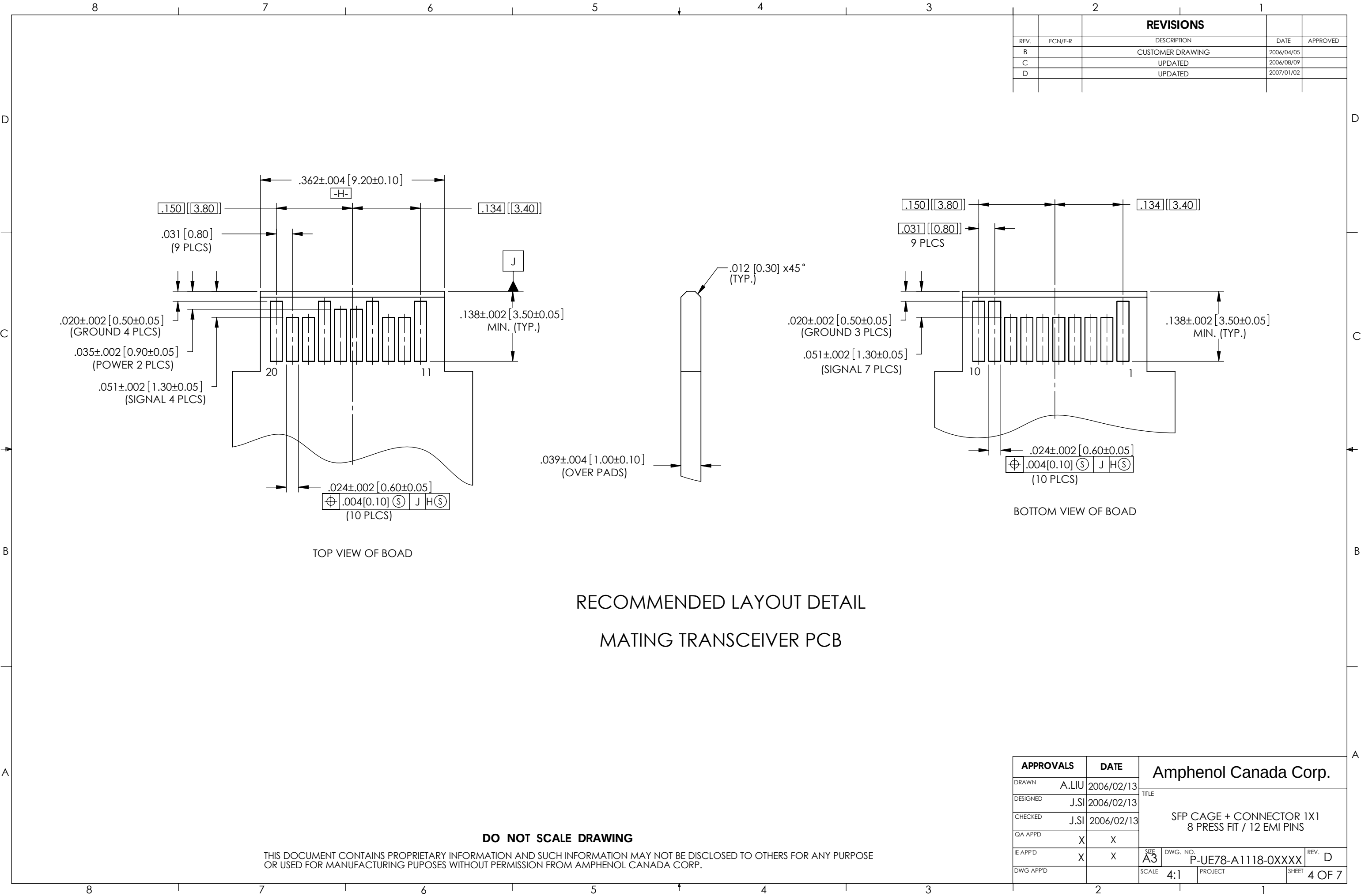
C

B

A

APPROVALS		DATE	Amphenol Canada Corp.		
DRAWN	A.LIU	2006/02/13			
DESIGNED	J.SI	2006/02/13	TITLE SFP CAGE + CONNECTOR 1X1 8 PRESS FIT / 12 EMI PINS		
CHECKED	J.SI	2006/02/13			
QA APPD	X	X			
IE APPD	X	X	SIZE A3	DWG. NO. P-UE78-A1118-OXXXX	REV. D
DWG APPD			SCALE 2:1	PROJECT	SHEET 2 OF 7



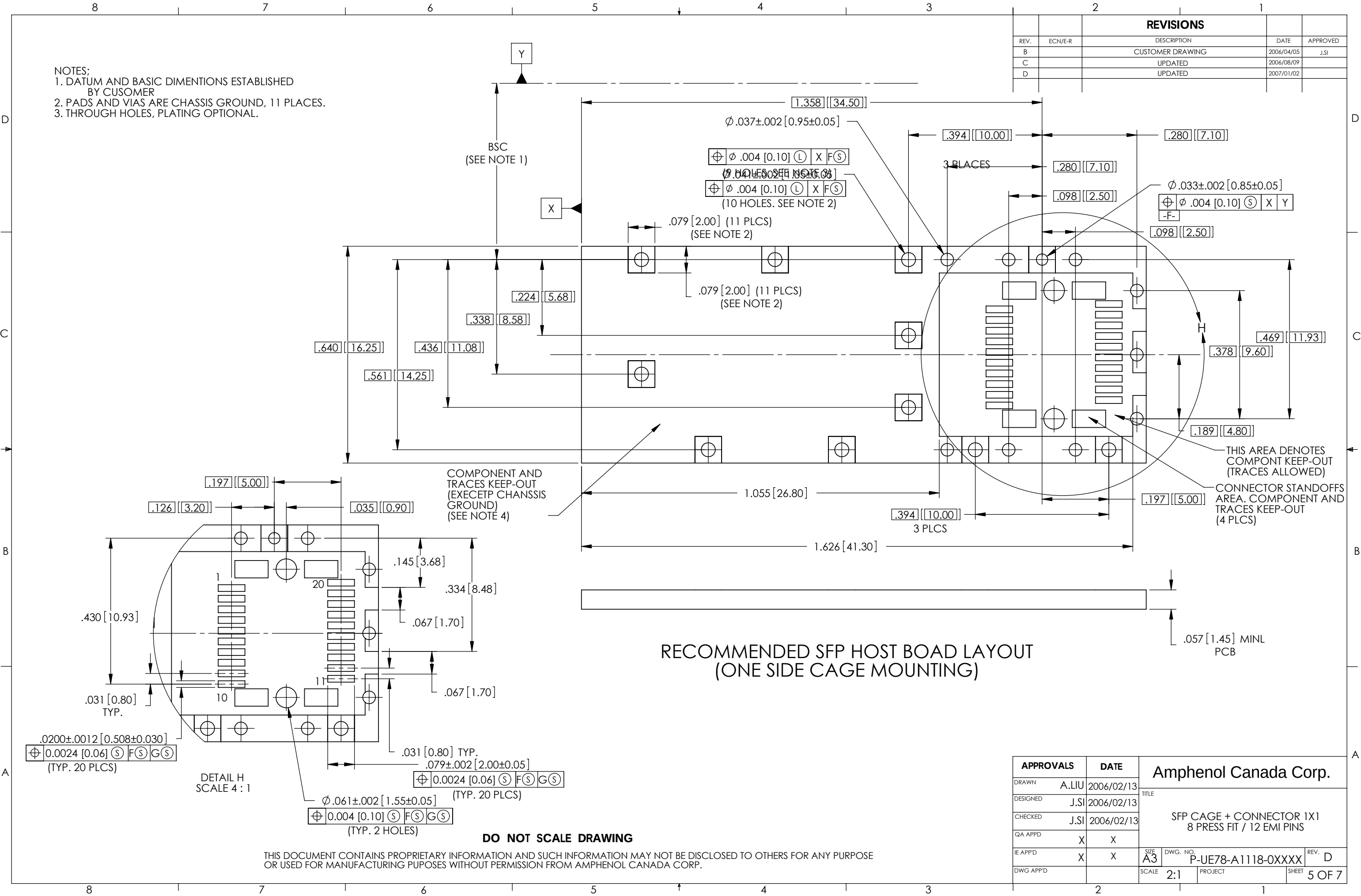


REVISIONS				
REV.	ECN/E-R	DESCRIPTION	DATE	APPROVED
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C		UPDATED	2006/08/09	
D		UPDATED	2007/01/02	

APPROVALS		DATE	Amphenol Canada Corp.		
DRAWN	A.LIU	2006/02/13			
DESIGNED	J.SI	2006/02/13	SFP CAGE + CONNECTOR 1X1 8 PRESS FIT / 12 EMI PINS		
CHECKED	J.SI	2006/02/13			
QA APPD	X	X			
IE APPD	X	X	SIZE A3	DWG. NO. P-UE78-A1118-0XXXX	REV. D
DWG APPD			SCALE 4:1	PROJECT	SHEET 4 OF 7

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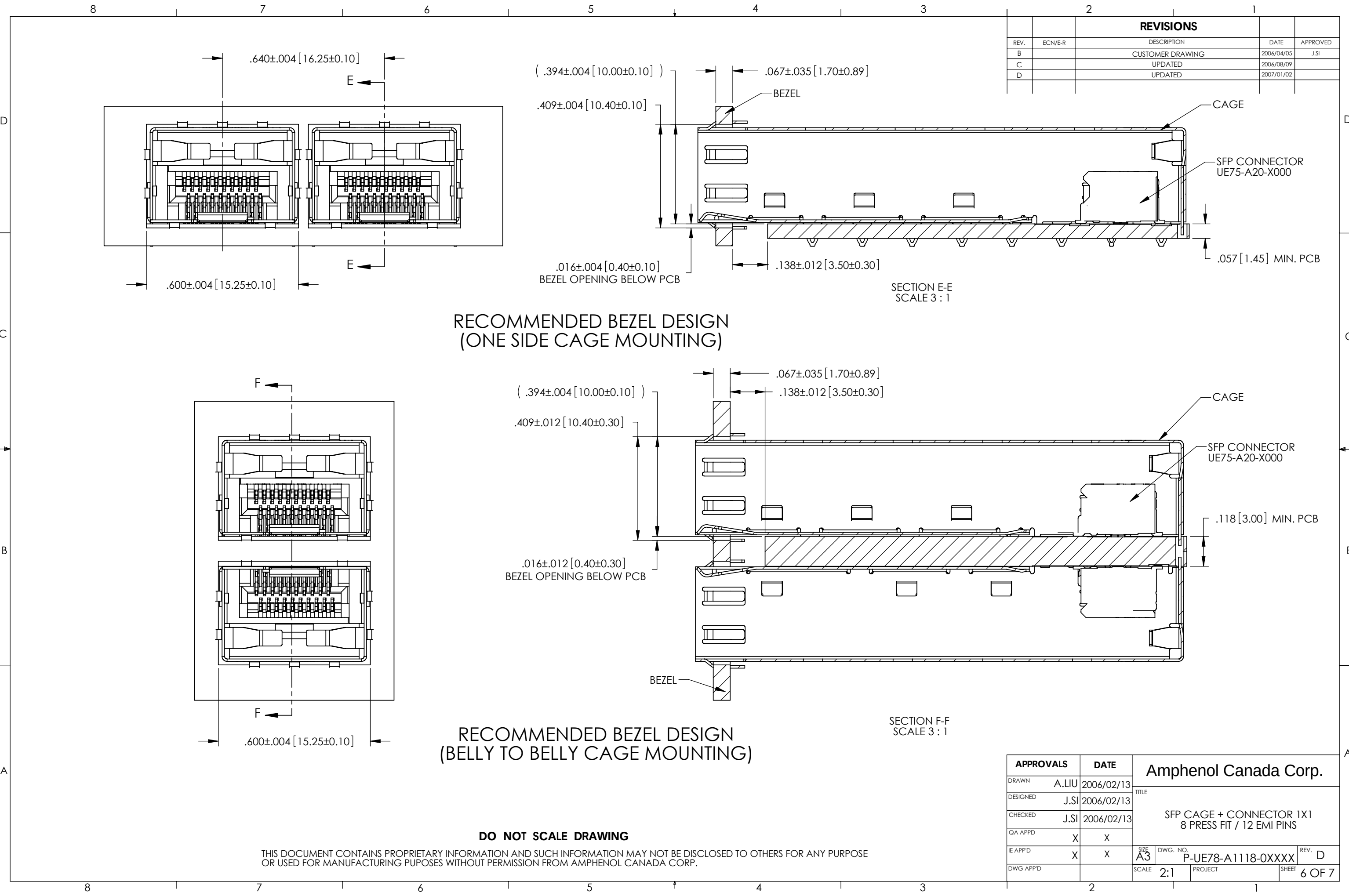
NOTES;
1. DATUM AND BASIC DIMENTIONS ESTABLISHED BY CUSTOMER
2. PADS AND VIAS ARE CHASSIS GROUND, 11 PLACES.
3. THROUGH HOLES, PLATING OPTIONAL.

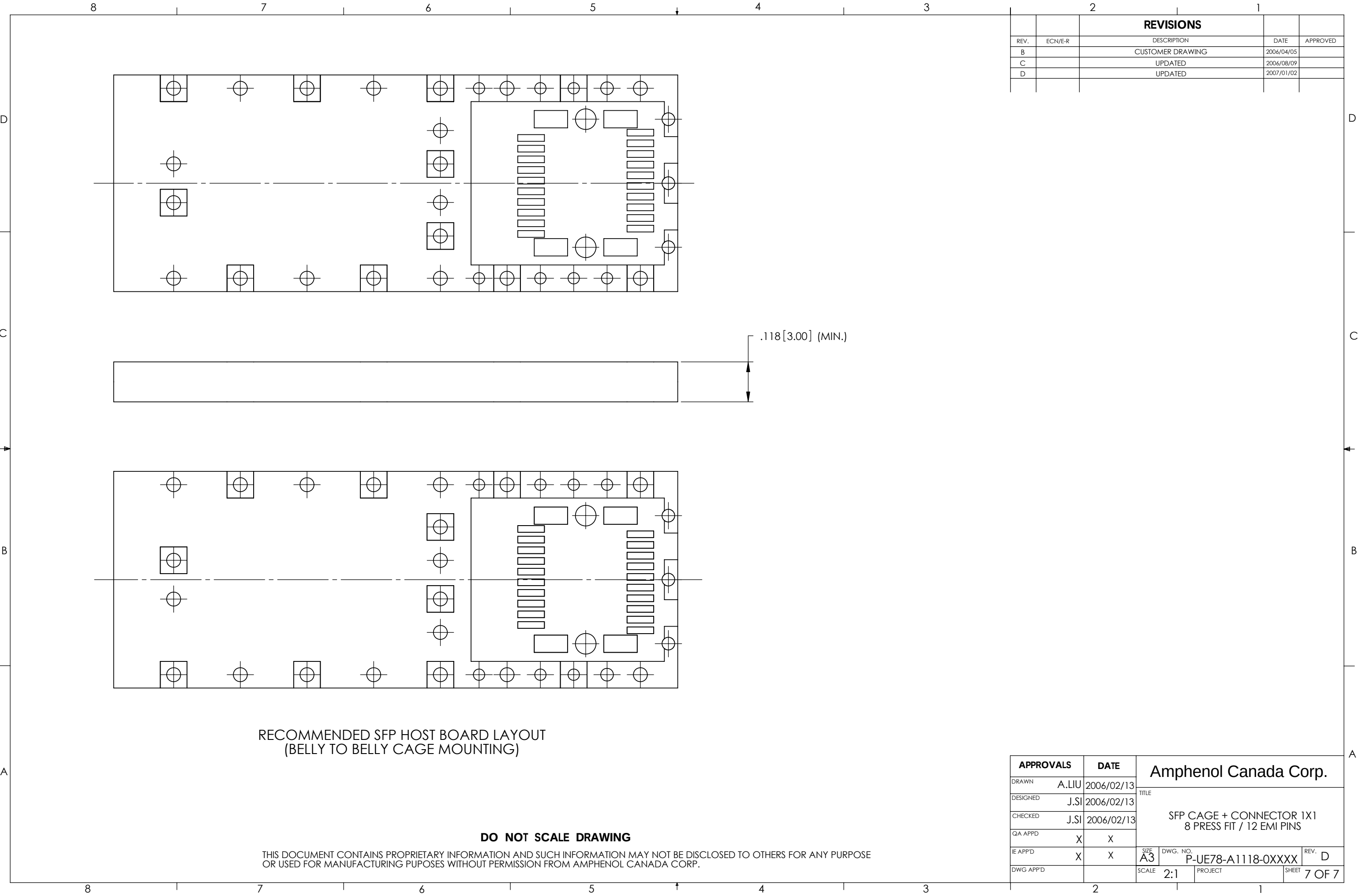
REVISIONS				
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D		UPDATED	2007/01/02	

RECOMMENDED SFP HOST BOAD LAYOUT
(ONE SIDE CAGE MOUNTING)

APPROVALS		DATE	Amphenol Canada Corp.		
DRAWN	A.LIU	2006/02/13			
DESIGNED	J.SI	2006/02/13	SFP CAGE + CONNECTOR 1X1 8 PRESS FIT / 12 EMI PINS		
CHECKED	J.SI	2006/02/13			
QA APPD	X	X			
IE APPD	X	X	SIZE A3	DWG. NO. P-UE78-A1118-0XXXX	REV. D
DWG APPD			SCALE 2:1	PROJECT	SHEET 5 OF 7

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REVISIONS				
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C		UPDATED	2006/08/09	
D		UPDATED	2007/01/02	

RECOMMENDED SFP HOST BOARD LAYOUT
(BELLY TO BELLY CAGE MOUNTING)

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APPROVALS		DATE	Amphenol Canada Corp.		
DRAWN	A.LIU	2006/02/13			
DESIGNED	J.SI	2006/02/13	TITLE SFP CAGE + CONNECTOR 1X1 8 PRESS FIT / 12 EMI PINS		
CHECKED	J.SI	2006/02/13			
QA APPD	X	X			
IE APPD	X	X	SIZE A3	DWG. NO. P-UE78-A1118-0XXXX	REV. D
DWG APPD			SCALE 2:1	PROJECT	SHEET 7 OF 7