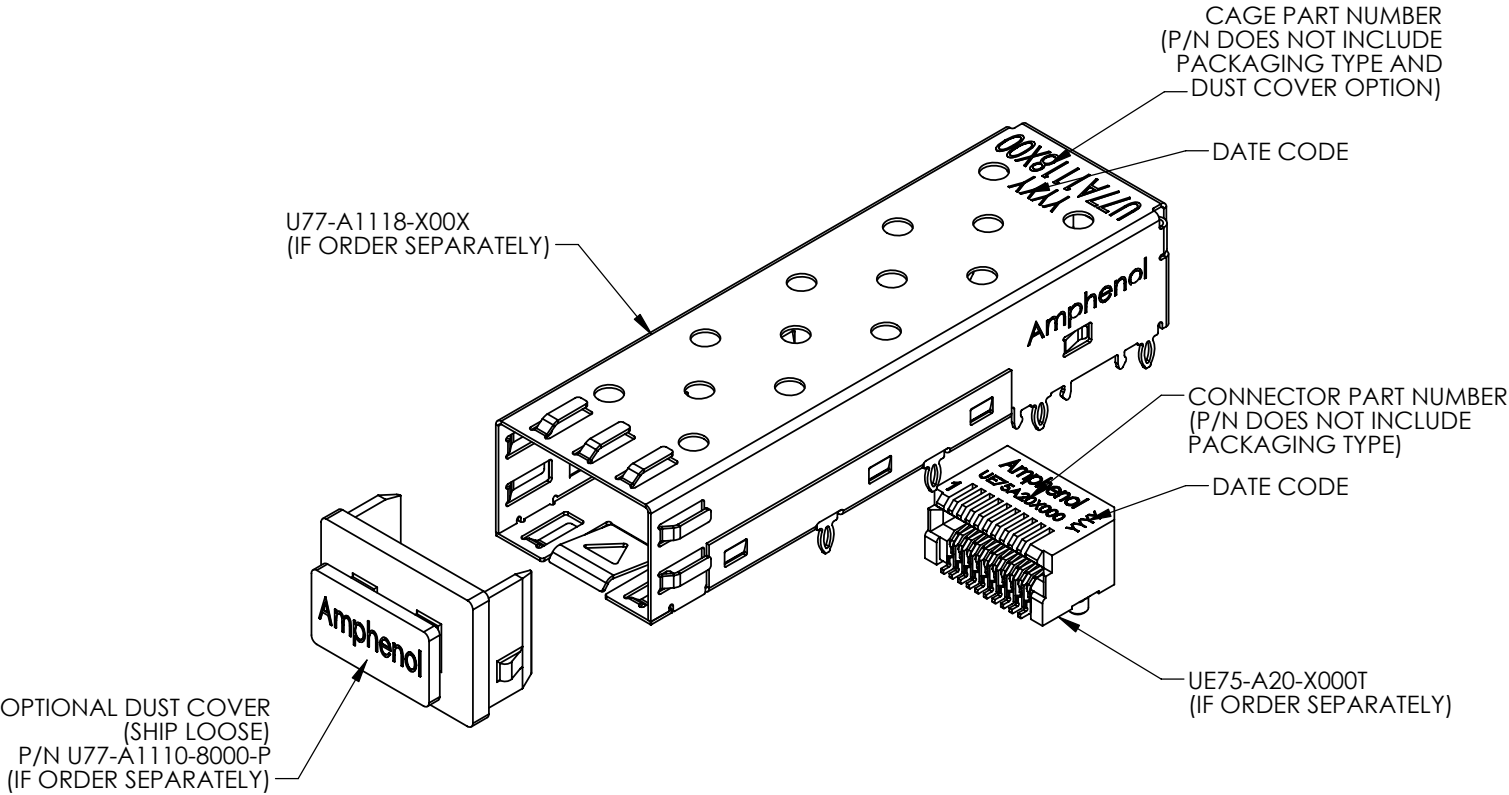


REVISIONS				
REV.	ECN/E-R	DESCRIPTION	DATE	APPROVED
B		CUSTOMER DRAWING	2006/04/05	J.SI
C		UPDATED	2006/08/09	
D		UPDATED	2007/01/02	



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

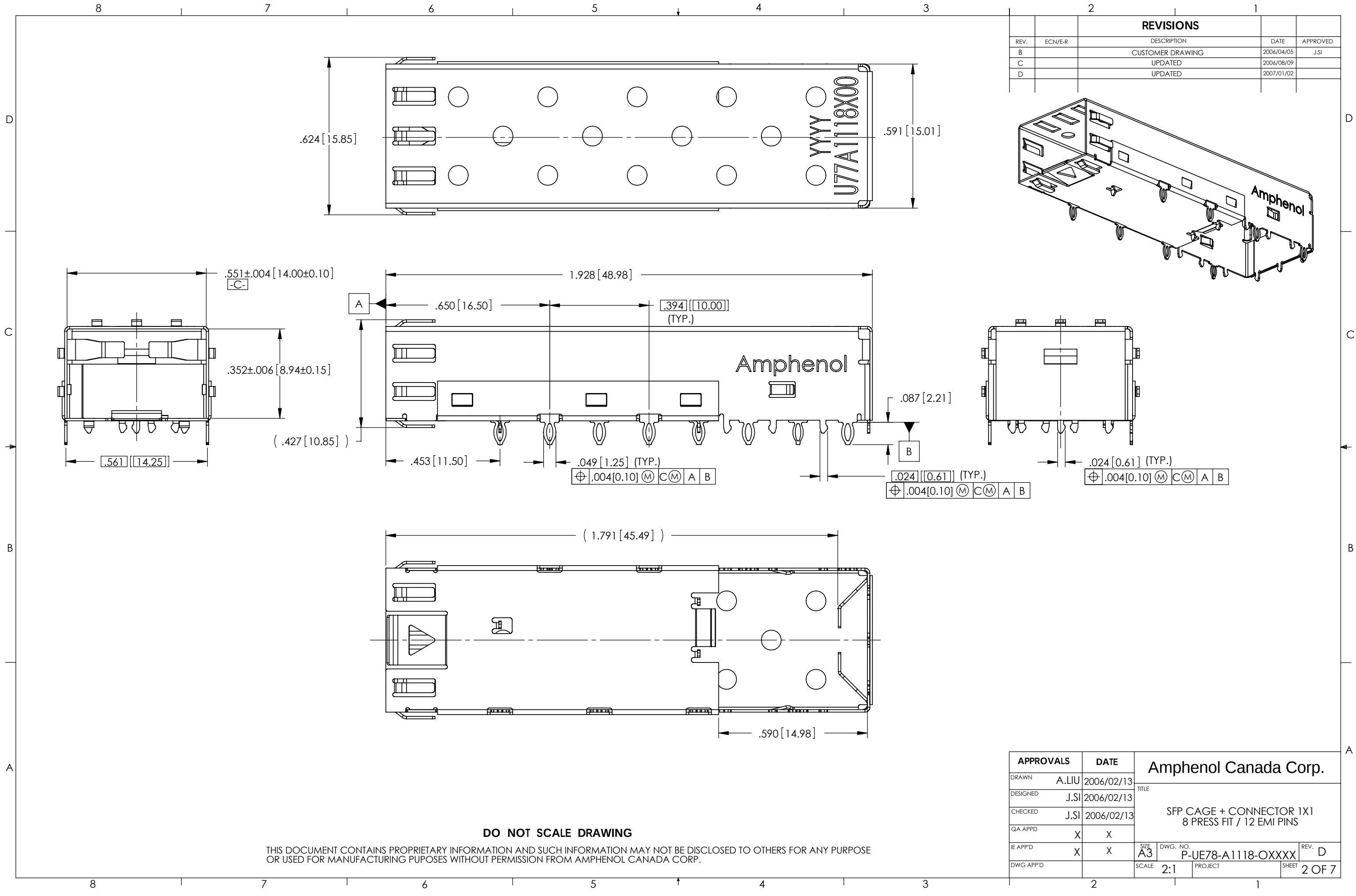
PLATING OPTIONS FOR CAGE
1 - TIN
2 - NICKEL

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

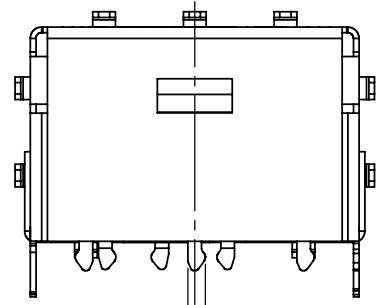
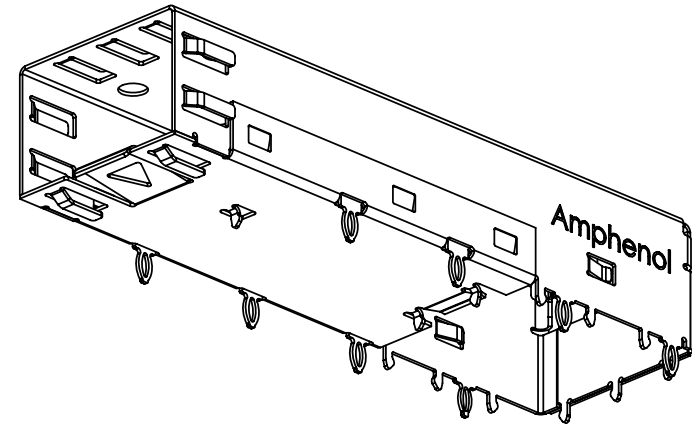
CONNECTOR:
PLASTIC HOUSING:
HIGH TEMPERATURE RESISTANT NYLON FLAMMABILITY RATING UL94V-0.
CONTACTS:
PHOSPHOR BRONZE
PLATING OPTION 2: 30µ" [0.76 µm] GOLD ON MATING AREA AND 2 µ"
(0.05 µm) GOLD FLASH PLATING ON TERMINATION OVER
50µ"[1.27µm] NICKEL UNDER LAYER.
PLATING OPTION 3: 30µ" [0.76 µm] GOLD ON 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

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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

.087 [2.21]	
B	

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

1.928 [48.98]	
.650 [16.50]	
.394 [[10.00]] (TYP.)	
A	
.453 [11.50]	
.049 [1.25] (TYP.)	
⊕ .004 [0.10] (M)	C (M) A B

(1.791 [45.49])	
.590 [14.98]	

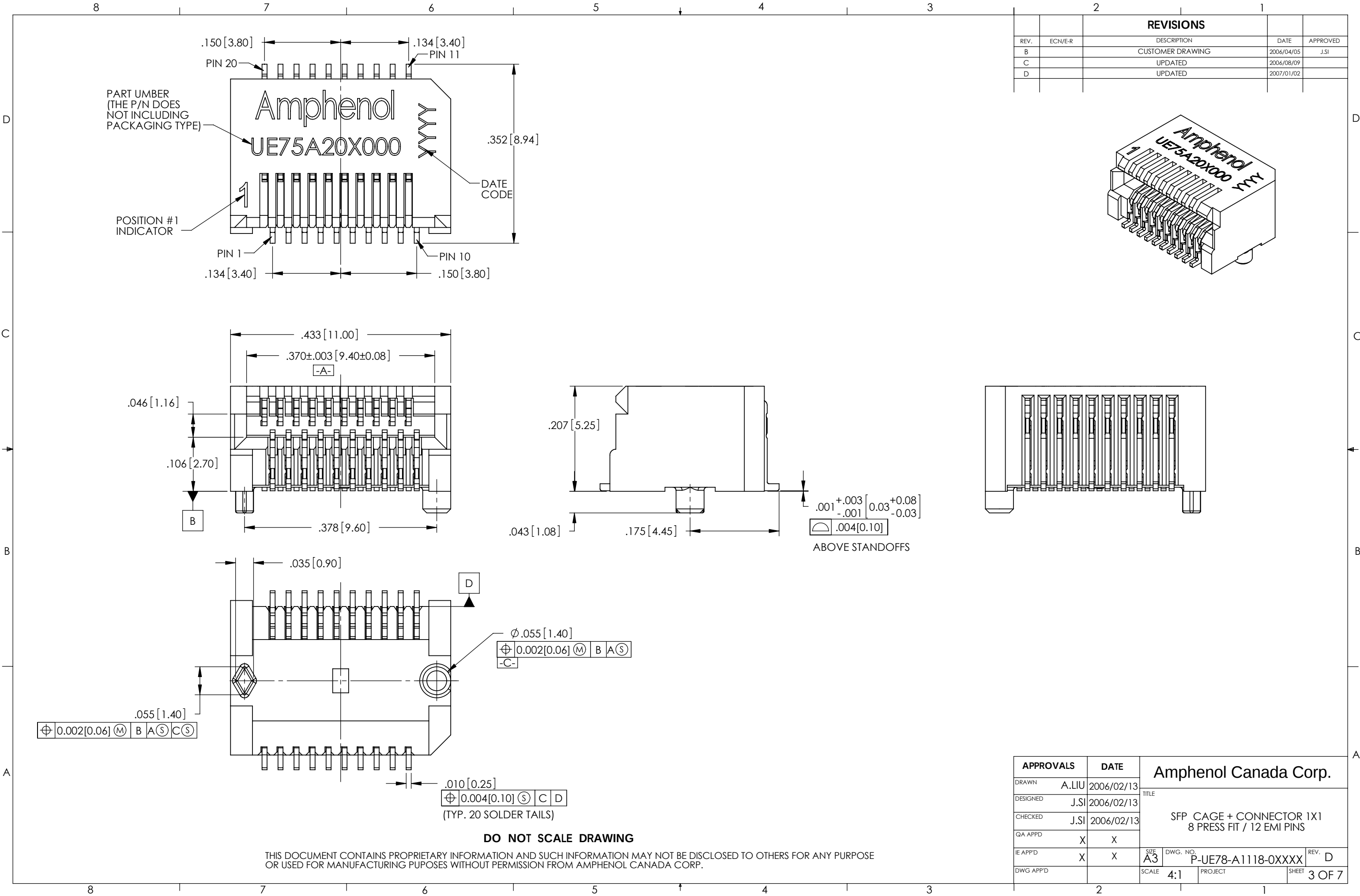
.551 ± .004 [14.00 ± 0.10]	
-C-	
.352 ± .006 [8.94 ± 0.15]	
(.427 [10.85])	
.561 [14.25]	

.624 [15.85]	
.591 [15.01]	
U77A1118X00	
Y Y Y Y	

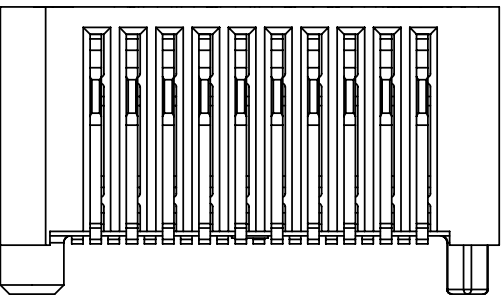
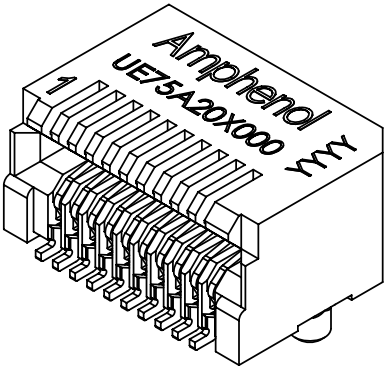
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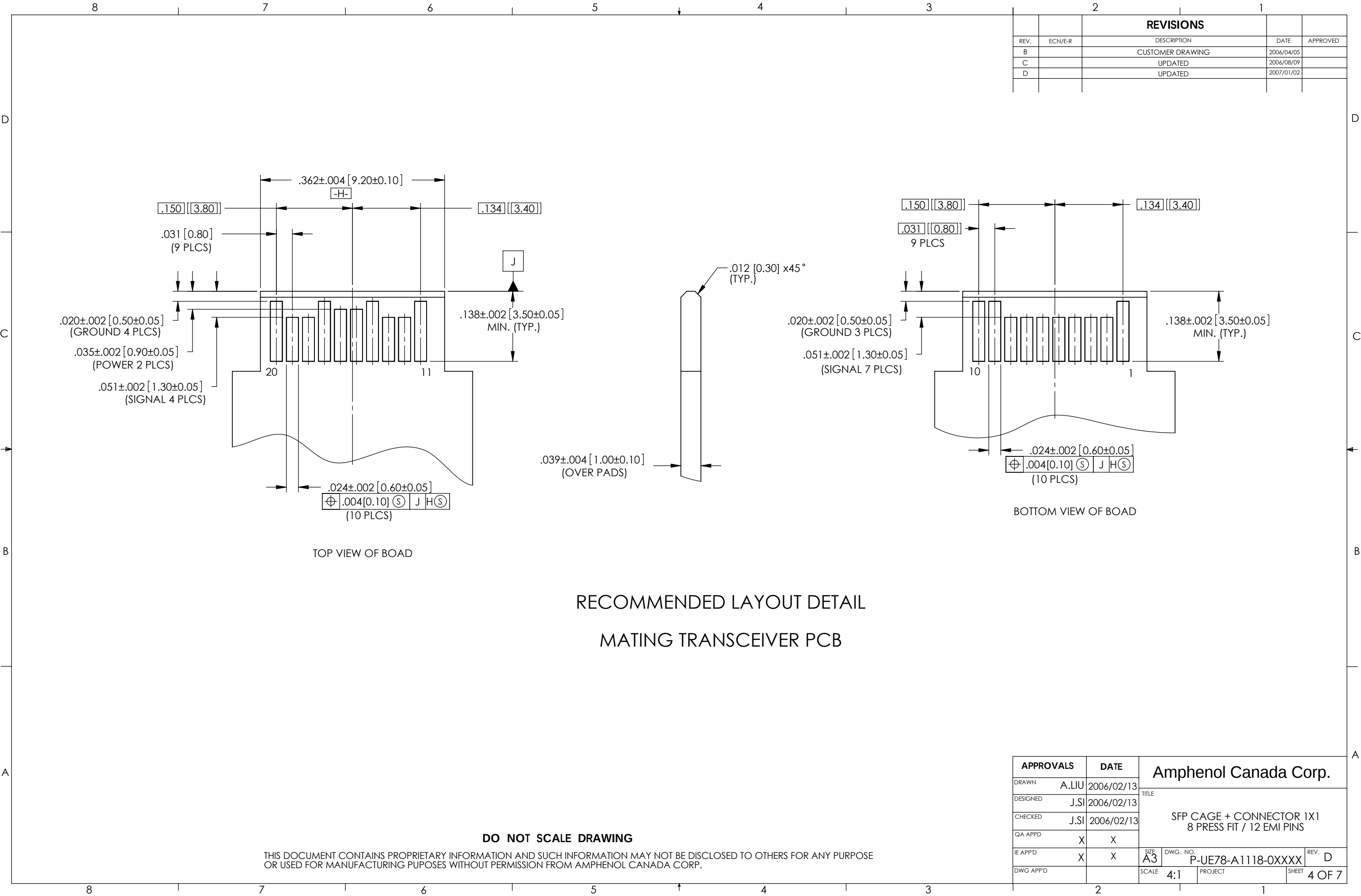
APPROVALS		DATE	Amphenol Canada Corp.		
DRAWN	A.LIU	2006/02/13			
DESIGNED	J.SI	2006/02/13	SFP CAGE + CONNECTOR 1X1 8 PRESS FIT / 12 EMI PINS		
CHECKED	J.SI	2006/02/13			
QA APPD	X	X			
IE APPD	X	X	SIZE A3	DWG. NO. P-UE78-A1118-OXXXX	REV. D
DWG APPD			SCALE 2:1	PROJECT	SHEET 2 OF 7



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



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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 4:1	PROJECT	SHEET 3 OF 7

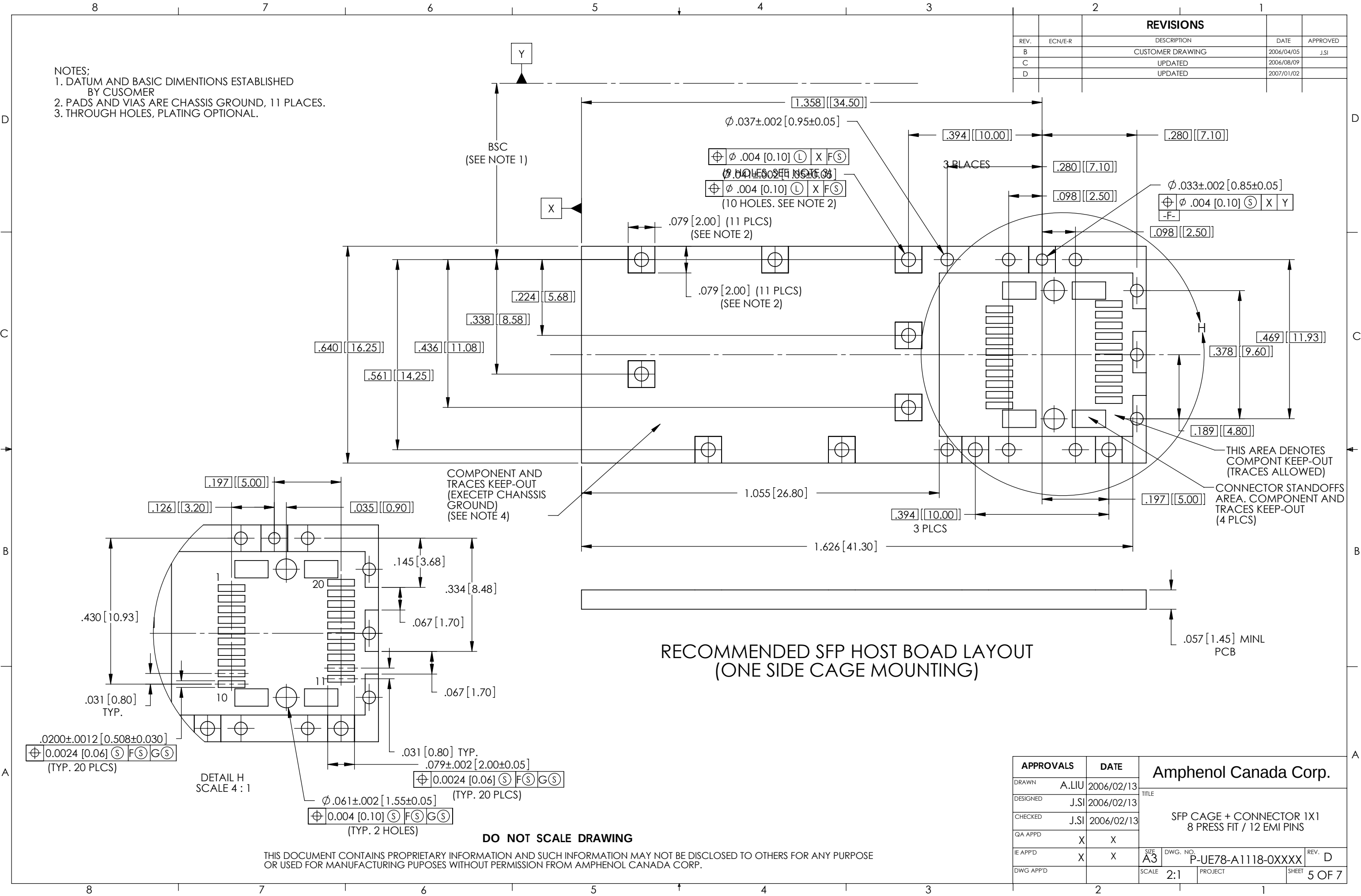


REVISIONS				
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IE APPD	X	X	SIZE A3	DWG. NO. P-UE78-A1118-0XXXX	REV. D
DWG APPD			SCALE 4:1	PROJECT	SHEET 4 OF 7



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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COMPONENT AND TRACES KEEP-OUT (EXCETP CHANSSIS GROUND) (SEE NOTE 4)

THIS AREA DENOTES COMPONT KEEP-OUT (TRACES ALLOWED)
CONNECTOR STANDOFFS AREA. COMPONENT AND TRACES KEEP-OUT (4 PLCS)

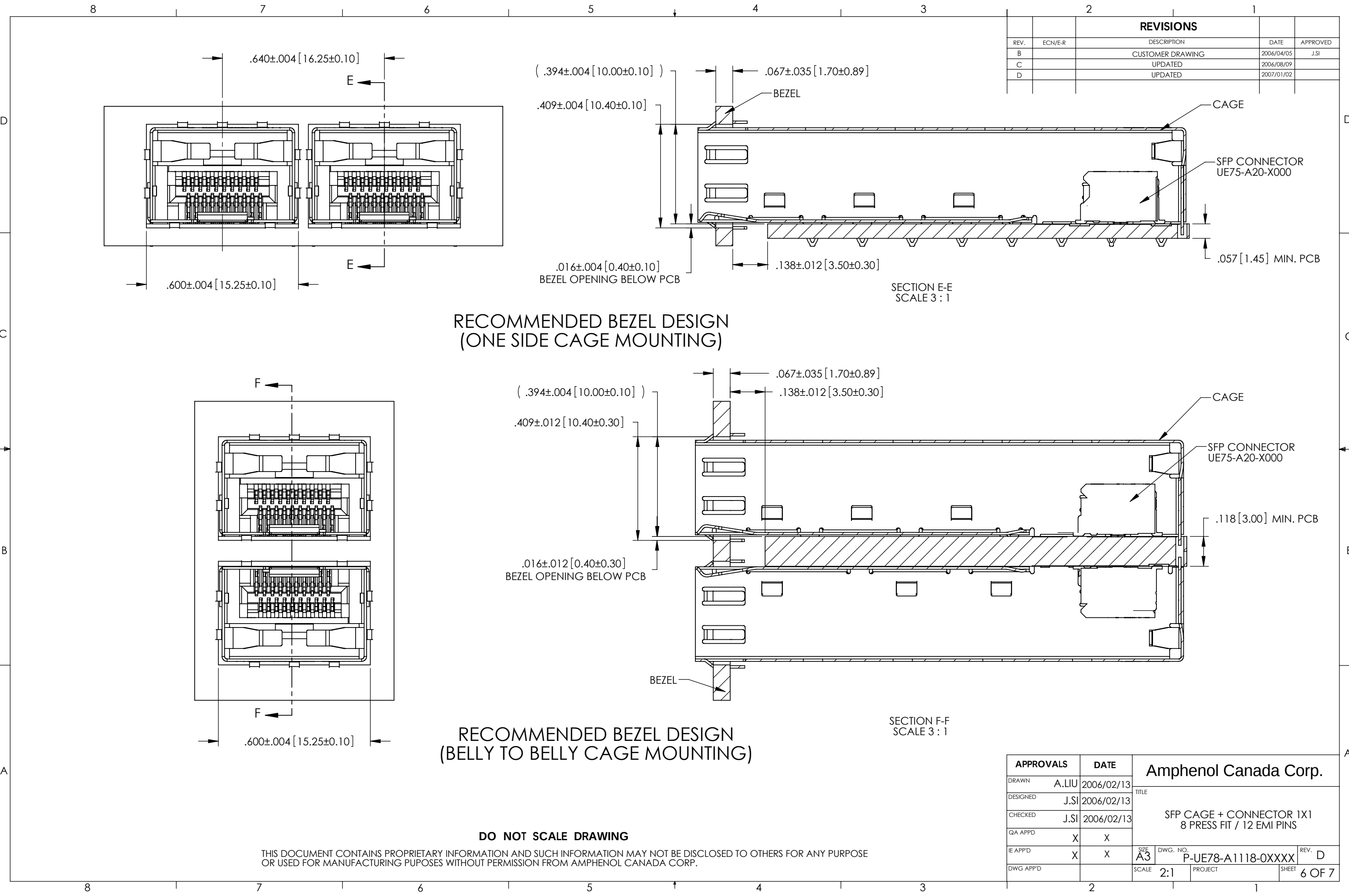
RECOMMENDED SFP HOST BOAD LAYOUT
(ONE SIDE CAGE MOUNTING)

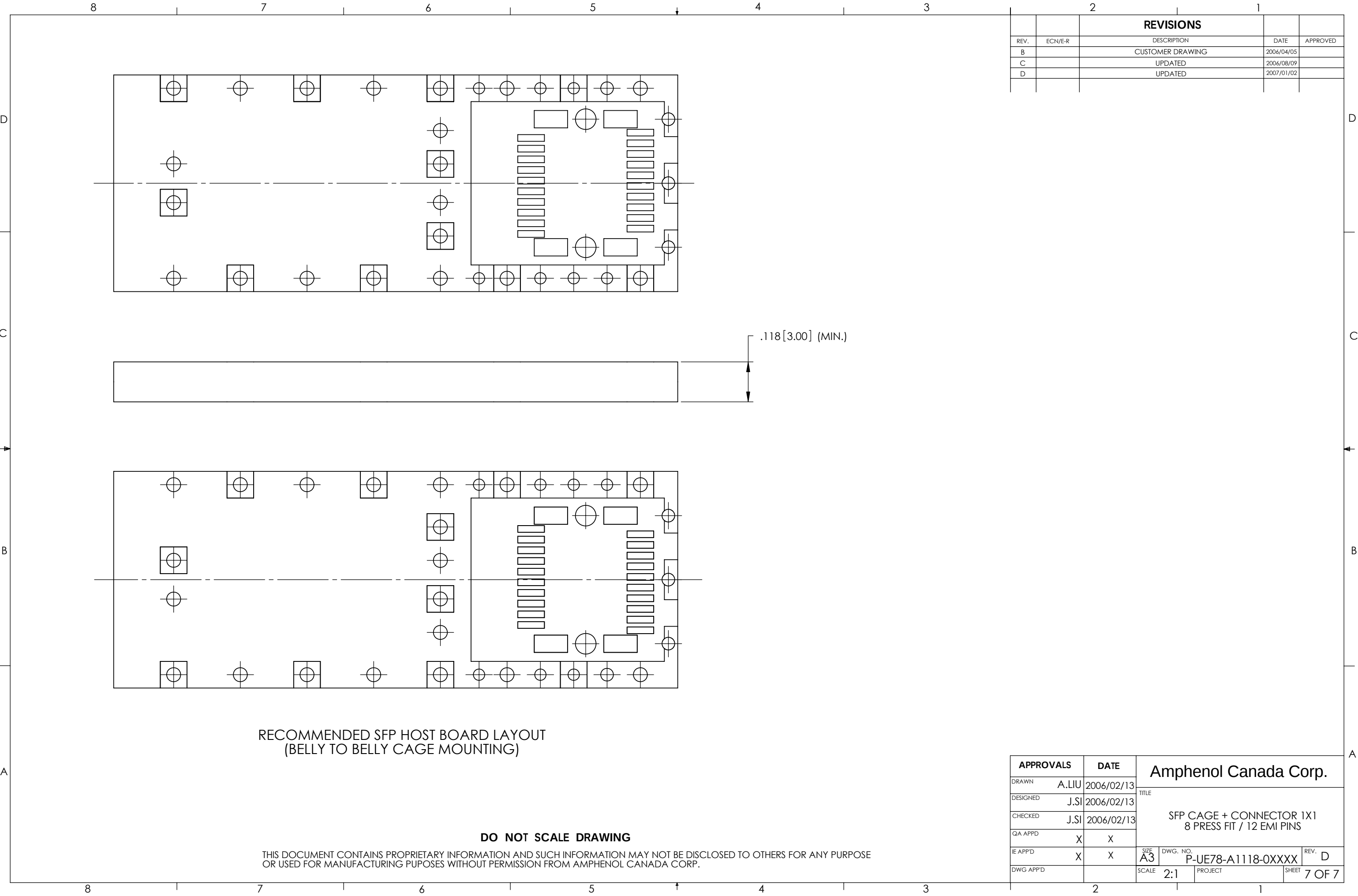
DETAIL H
SCALE 4 : 1

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

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

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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

Mouser Electronics

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