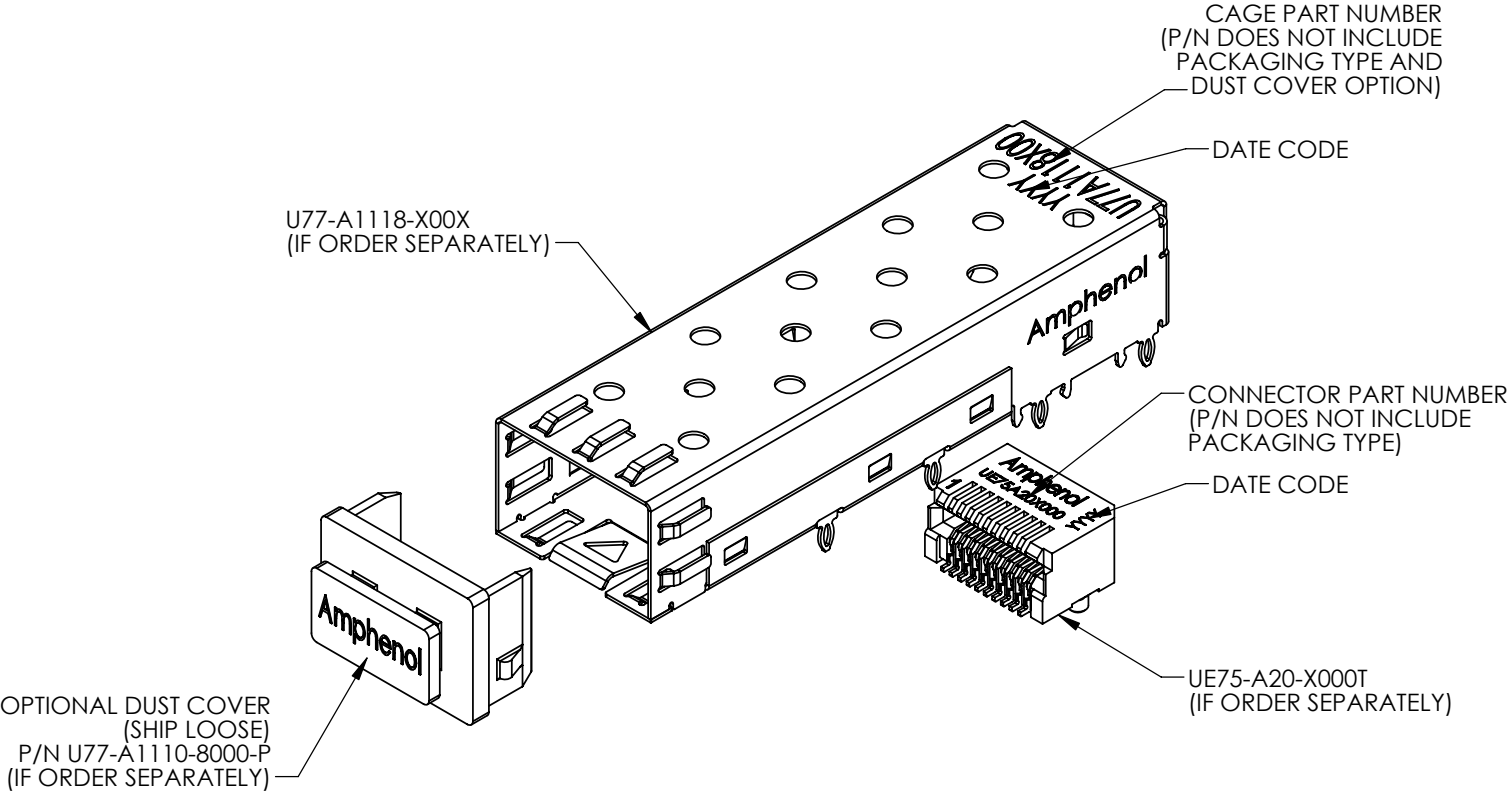


REVISIONS				
REV.	ECN/E-R	DESCRIPTION	DATE	APPROVED
B		CUSTOMER DRAWING	2006/04/05	J.SI
C		UPDATED	2006/08/09	
D		UPDATED	2007/01/02	



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

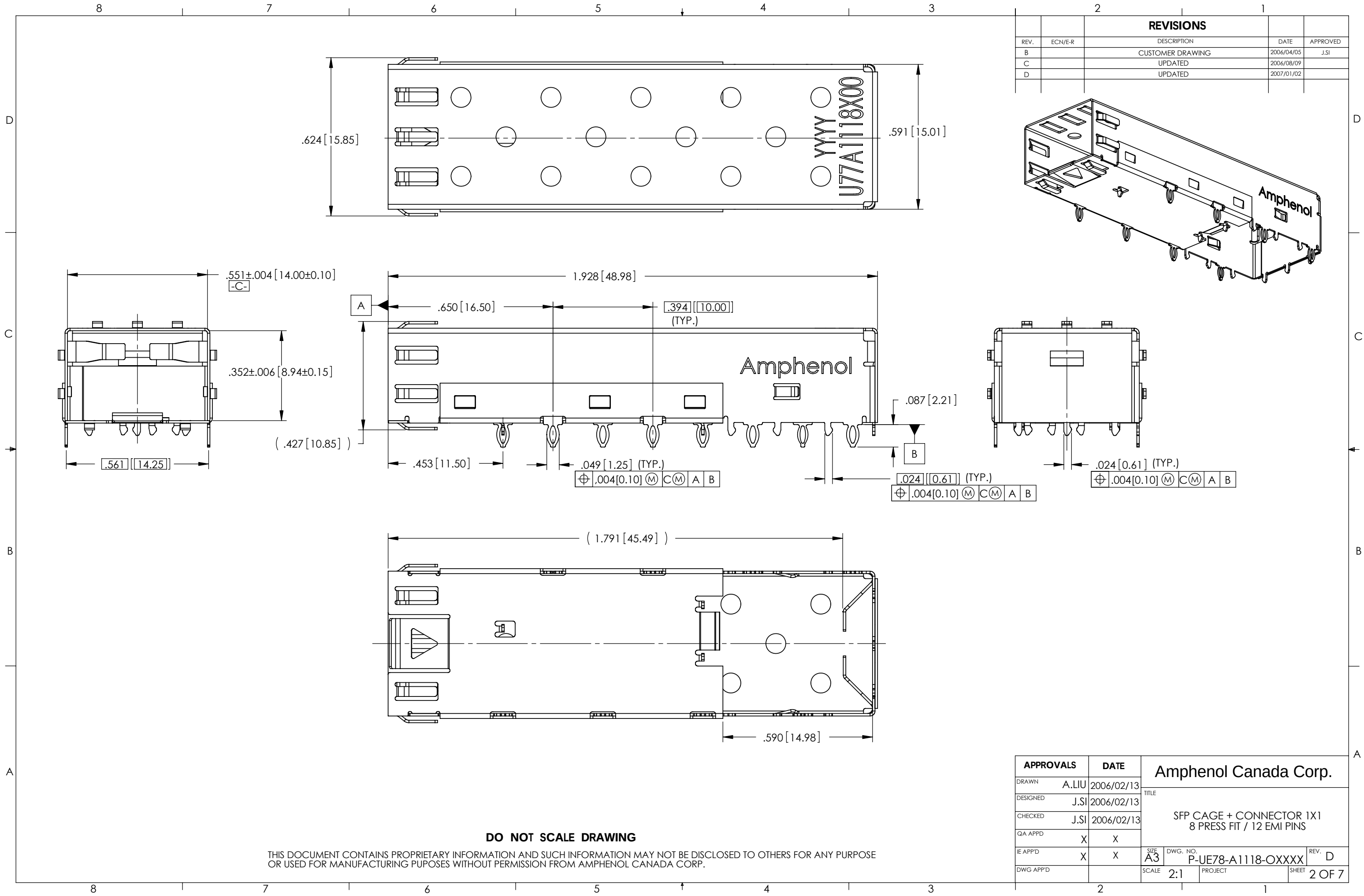
MATERIAL (RoHS COMPLIANCE):
CAGE:
COPPER ALLOY
PLATING OPTION 1: 100µ" [2.54 µm] TIN PLATING OVER
50 µ" (1.27 µm) NICKEL UNDER PLATING.
PLATING OPTION 2: 100µ" [2.54 µm] NICKEL PLATING
(NOT FOR SOLDER PINS).
DUST COVER
THERMOPLASTIC, COLOR BLACK.
PACKAGING:
TAPE AND REEL OR TRAY PACKAGING.
TEMPERATURE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

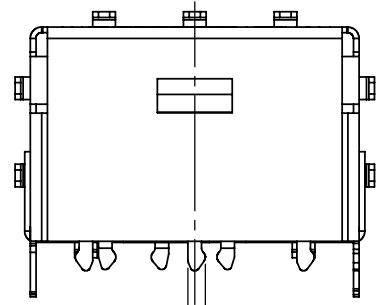
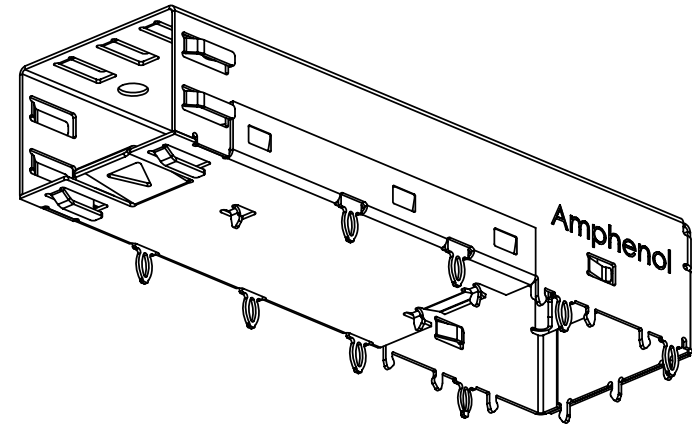
PACKAGING:
TAPE AND REEL.
TEMPERATURE RANGE: -40 °C TO +85 °C

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE
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.)
$\oplus .004 [0.10] \text{ (M)}$ C (M) A B

.024 [[0.61]] (TYP.)
$\oplus .004 [0.10] \text{ (M)}$ C (M) A B

.087 [2.21]
B

.049 [1.25] (TYP.)
$\oplus .004 [0.10] \text{ (M)}$ C (M) A B

1.928 [48.98]
.650 [16.50]
.394 [[10.00]] (TYP.)
.453 [11.50]
.049 [1.25] (TYP.)
$\oplus .004 [0.10] \text{ (M)}$ C (M) A B

(1.791 [45.49])
.590 [14.98]

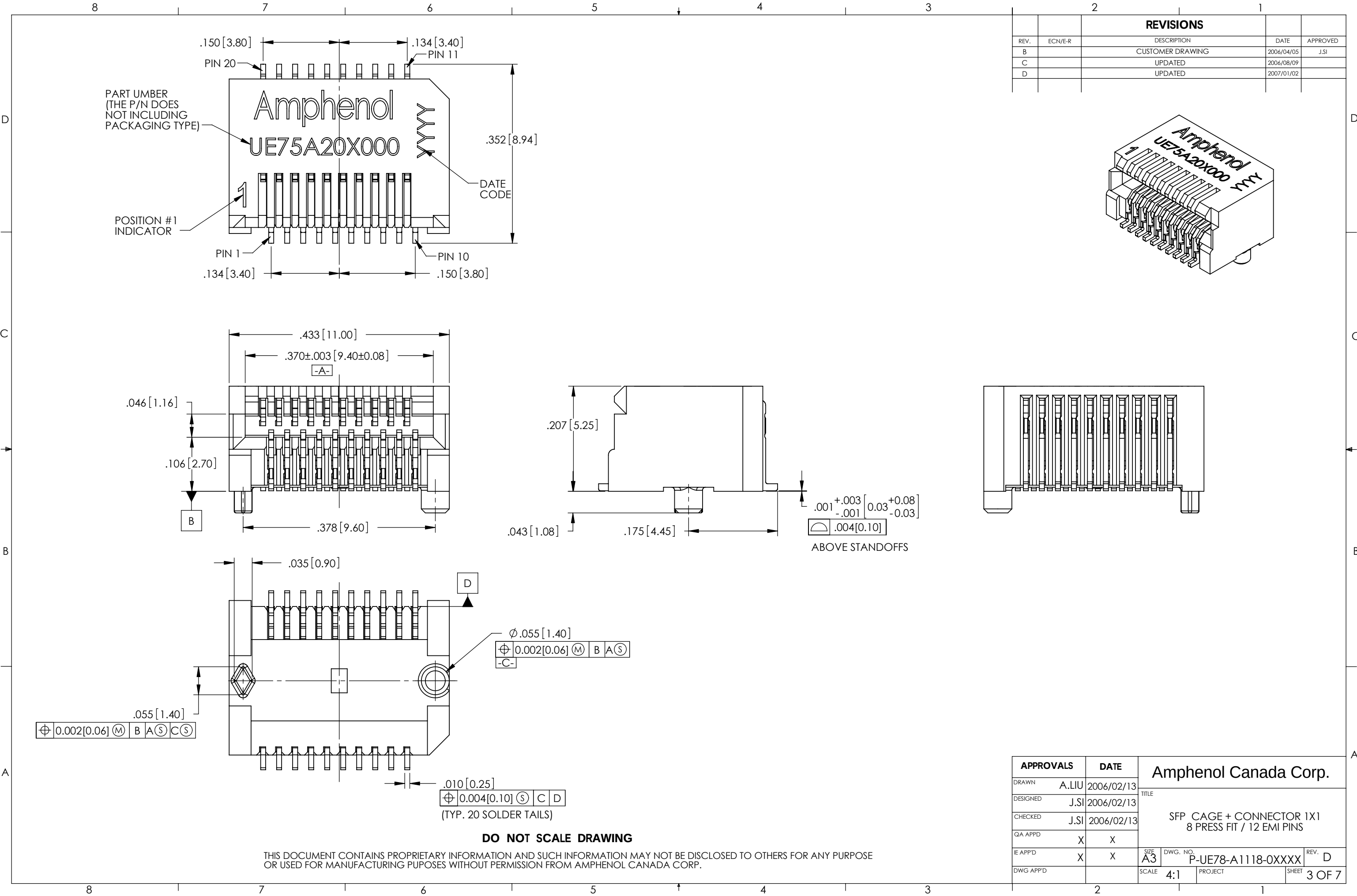
.551 ± .004 [14.00 ± 0.10]
-C-
.352 ± .006 [8.94 ± 0.15]
(.427 [10.85])
.561 [14.25]

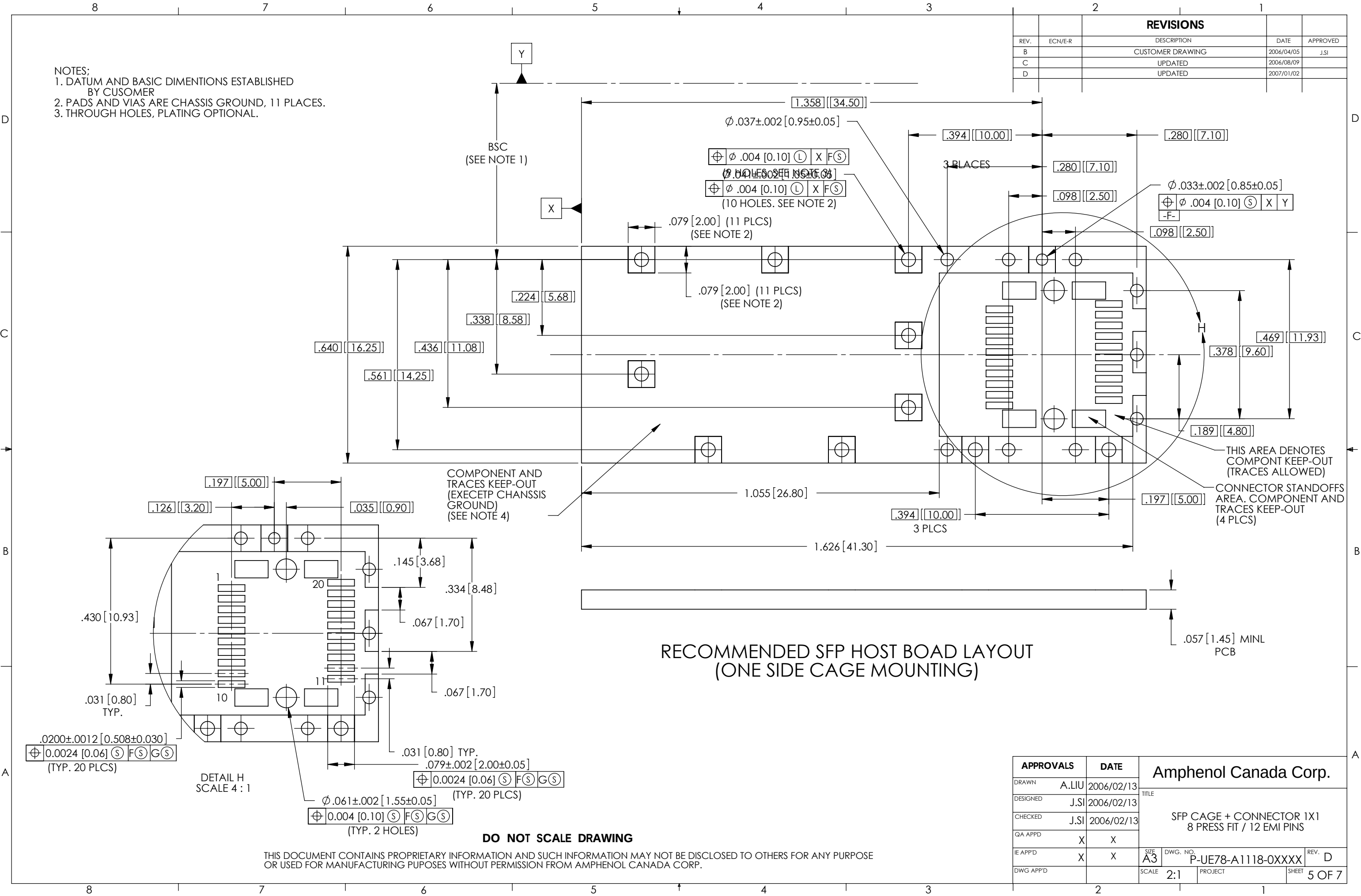
.624 [15.85]
.591 [15.01]
U77A1118X00
Y Y Y Y

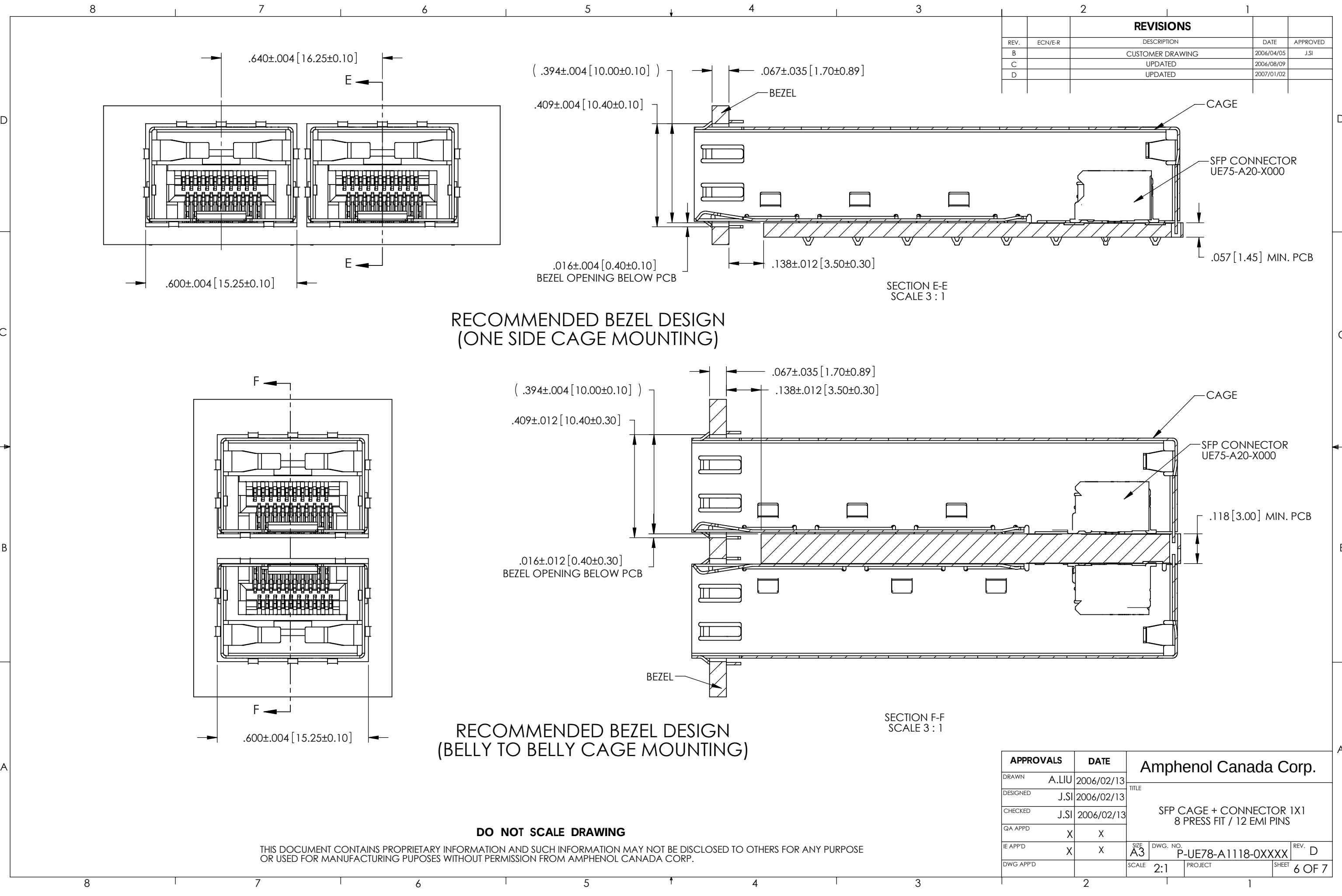
DO NOT SCALE DRAWING

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PUPOSES WITHOUT PERMISSION FROM AMPHENOL CANADA CORP.

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







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 6 OF 7

