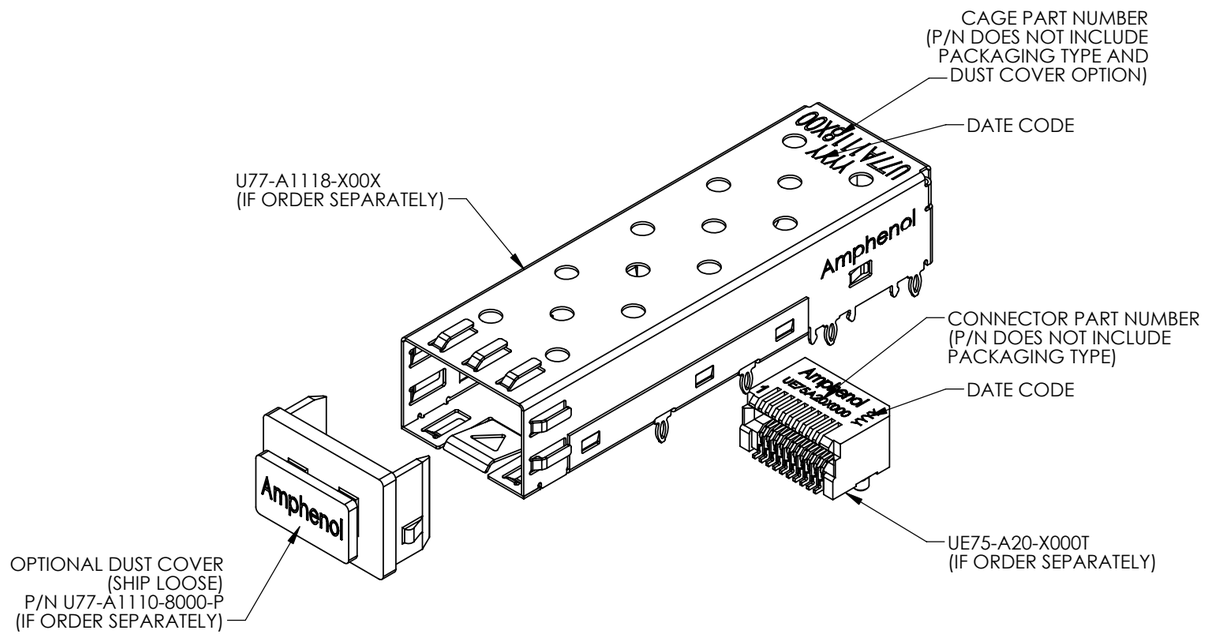
REVISIONS				
REV.	ECN/E-R	DESCRIPTION	DATE	APPROVED
B		CUSTOMER DRAWING	2006/04/05	J.SI
C		UPDATED	2006/08/09	
D		UPDATED	2007/01/02	



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

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

DO NOT SCALE DRAWING

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APPROVALS		DATE
DRAWN	A.LIU	2006/02/13
DESIGNED	J.SI	2006/02/13
CHECKED	J.SI	2006/02/13
QA APP'D	X	X
IE APP'D	X	X
DWG APP'D		

Amphenol Canada Corp.

TITLE: SFP CAGE + CONNECTOR 1X1
8 PRESS FIT / 12 EMI PINS

SIZE	DWG. NO.	REV.
A3	P-UE78-A1118-0XXXX	D

SCALE	PROJECT	SHEET
2:1		1 OF 7

REVISIONS				
REV.	ECN/E-R	DESCRIPTION	DATE	APPROVED
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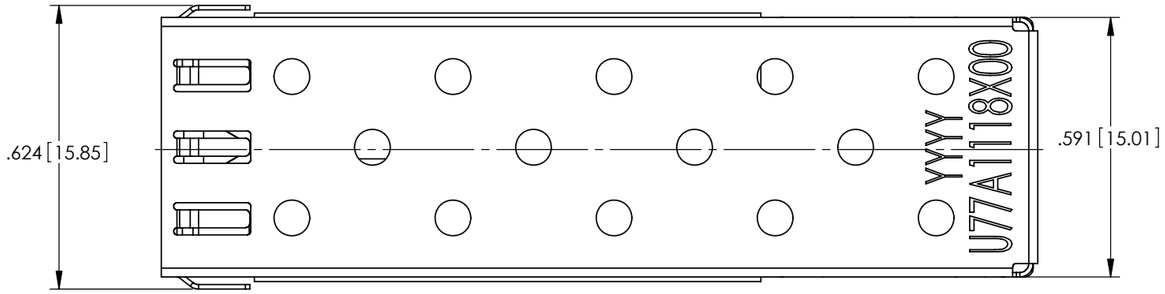

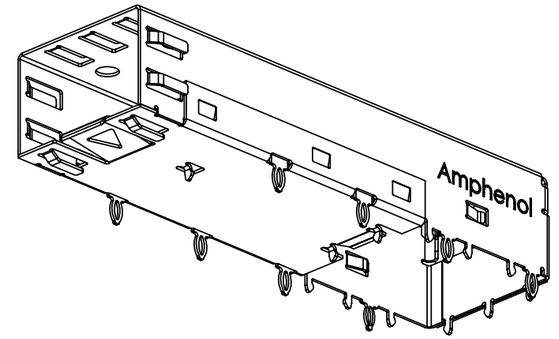

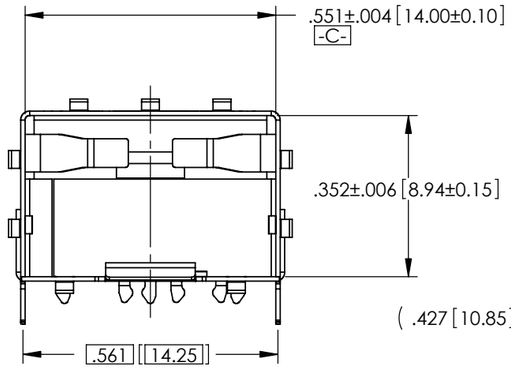

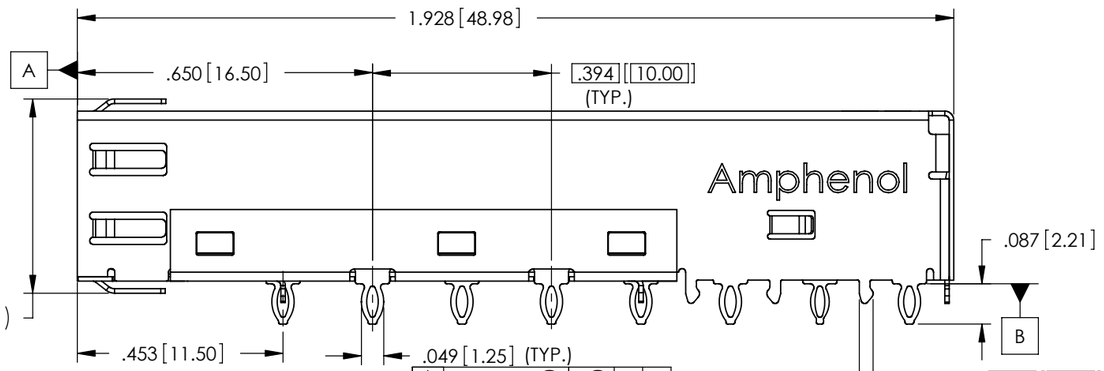

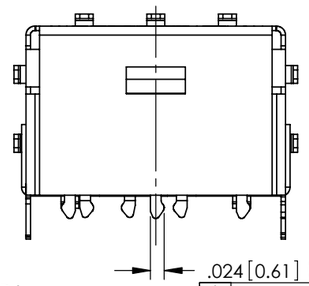

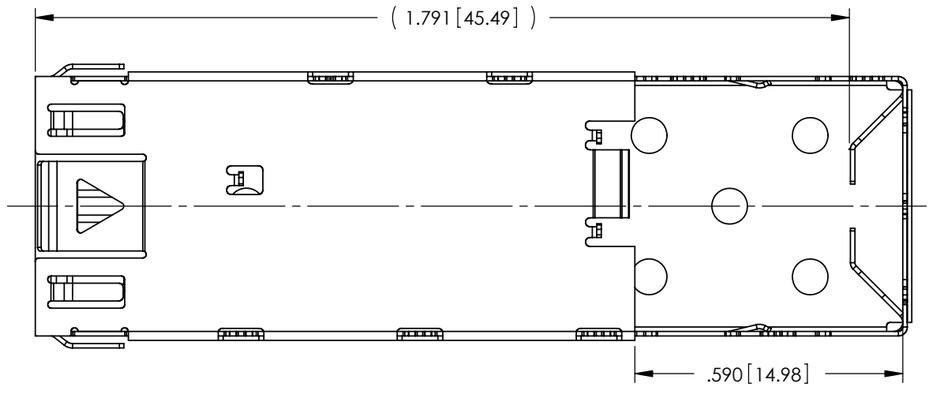

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IE APP'D	X	X
DWG APP'D		

Amphenol Canada Corp.

TITLE: SFP CAGE + CONNECTOR 1X1
8 PRESS FIT / 12 EMI PINS

SIZE	DWG. NO.	REV.
A3	P-UE78-A1118-OXXXX	D

SCALE	PROJECT	SHEET
2:1		2 OF 7

REVISIONS				
REV.	ECN/E-R	DESCRIPTION	DATE	APPROVED
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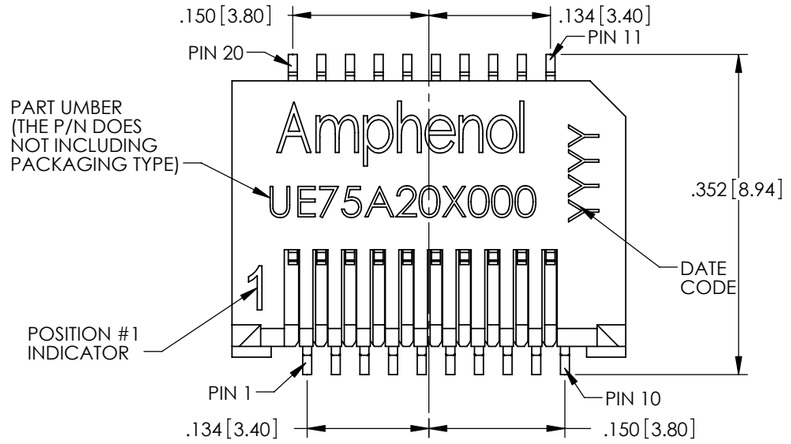
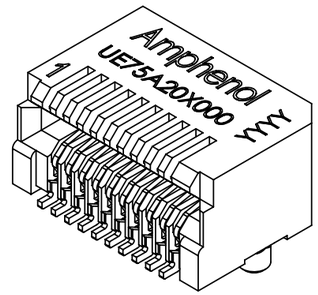
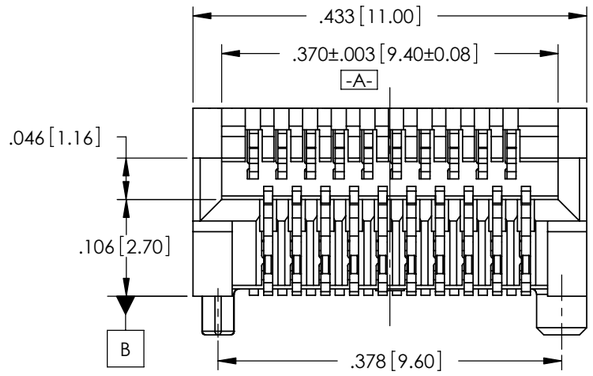
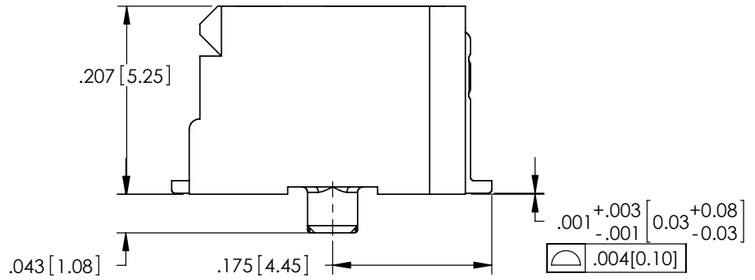
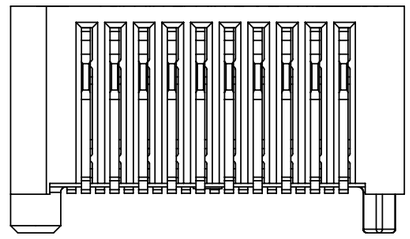


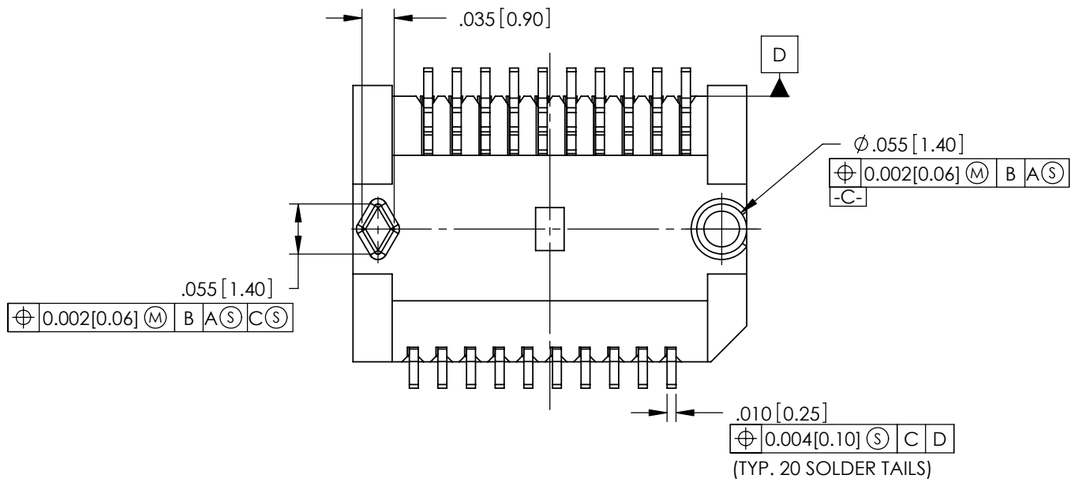






ABOVE STANDOFFS





(TYP. 20 SOLDER TAILS)

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DWG APP'D		

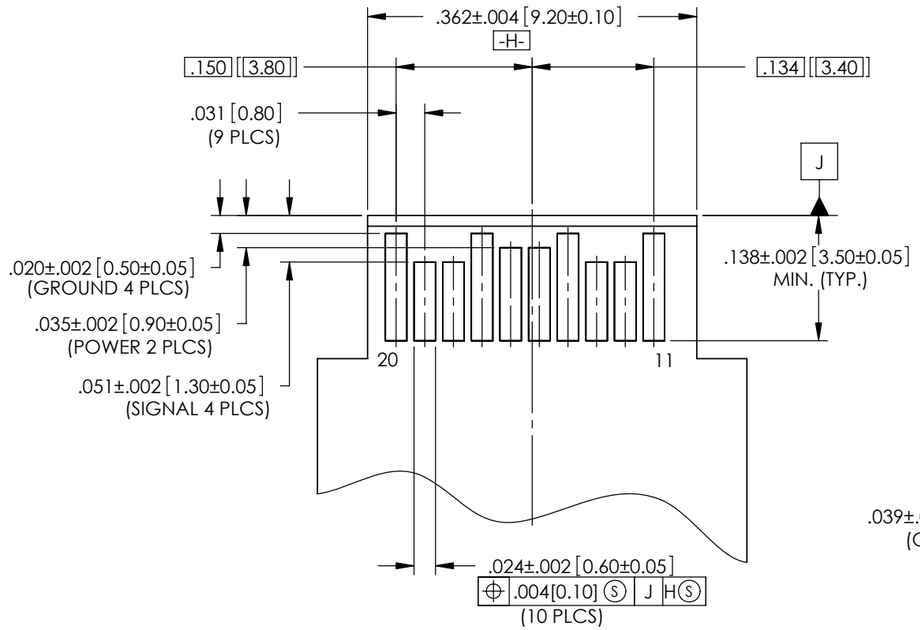
Amphenol Canada Corp.

TITLE: SFP CAGE + CONNECTOR 1X1
8 PRESS FIT / 12 EMI PINS

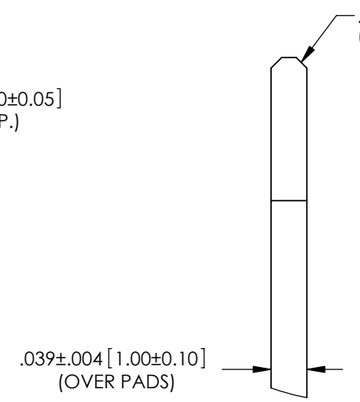
SIZE	DWG. NO.	REV.
A3	P-UE78-A1118-0XXXX	D

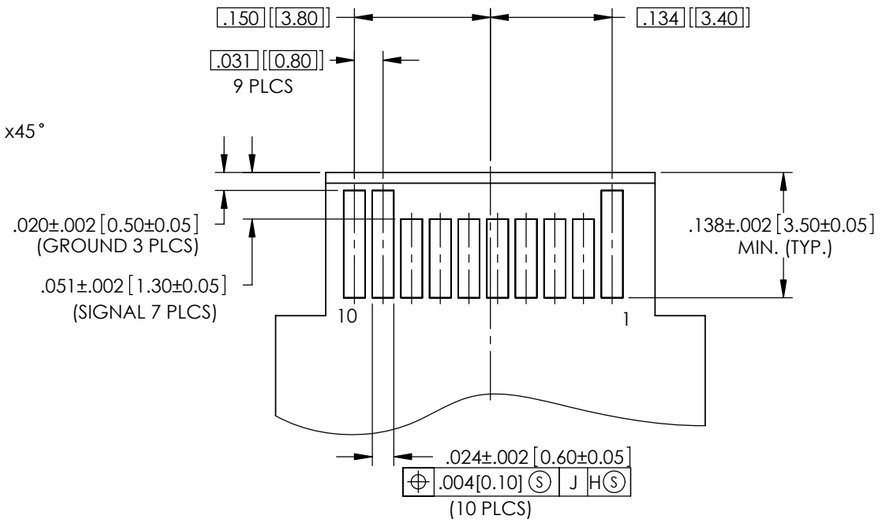
SCALE	PROJECT	SHEET
4:1		3 OF 7

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



TOP VIEW OF BOAD





BOTTOM VIEW OF BOAD

RECOMMENDED LAYOUT DETAIL

MATING TRANSCEIVER PCB

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QA APP'D	X	X
IE APP'D	X	X
DWG APP'D		

Amphenol Canada Corp.

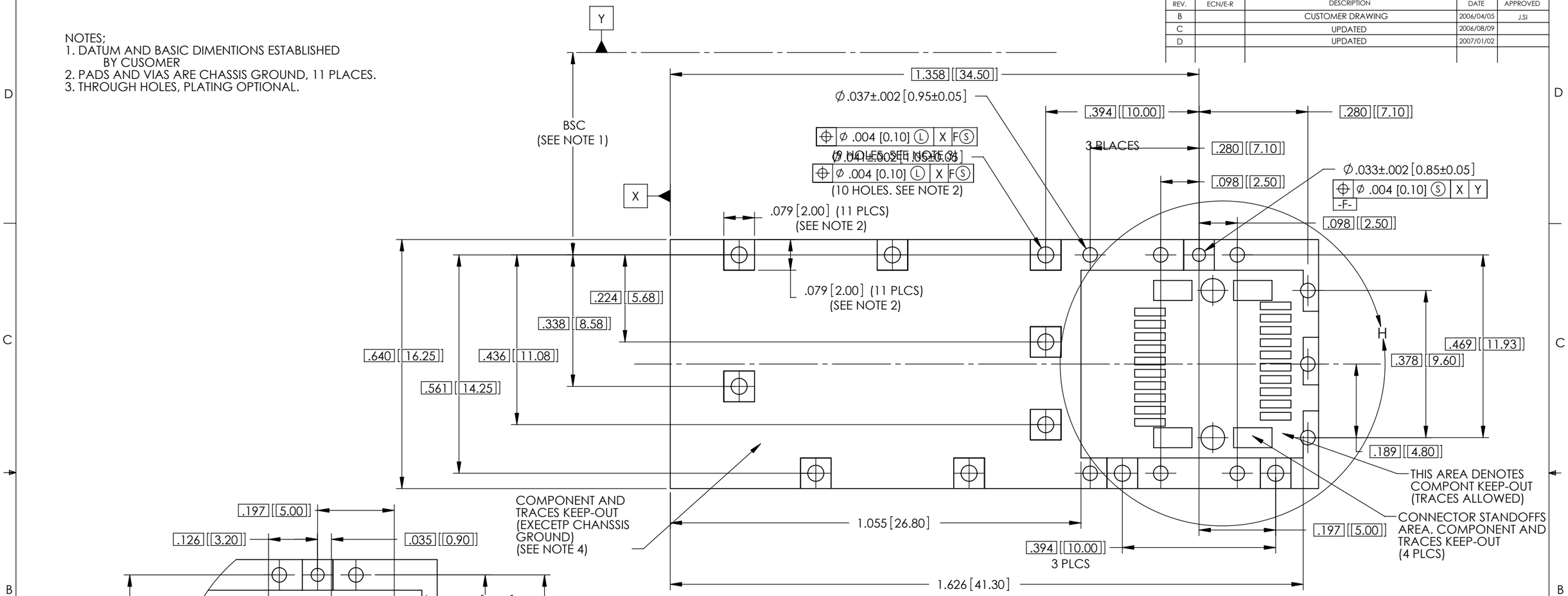
TITLE: SFP CAGE + CONNECTOR 1X1
8 PRESS FIT / 12 EMI PINS

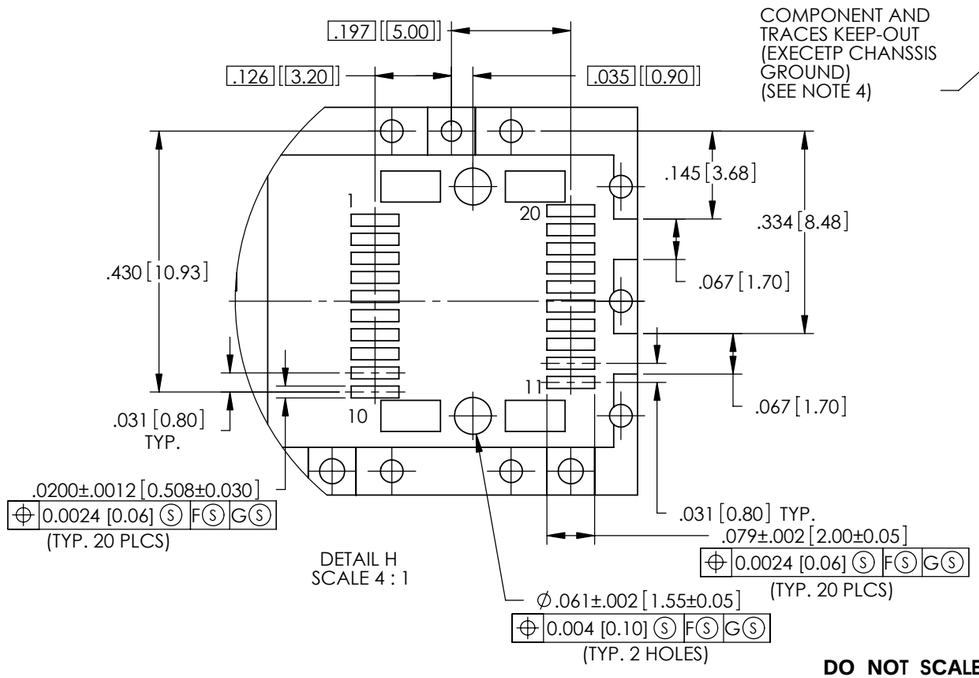
SIZE	DWG. NO.	REV.
A3	P-UE78-A1118-0XXXX	D

SCALE	PROJECT	SHEET
4:1		4 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	

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





DETAIL H
SCALE 4 : 1

RECOMMENDED SFP HOST BOAD LAYOUT (ONE SIDE CAGE MOUNTING)

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DESIGNED	J.SI	2006/02/13
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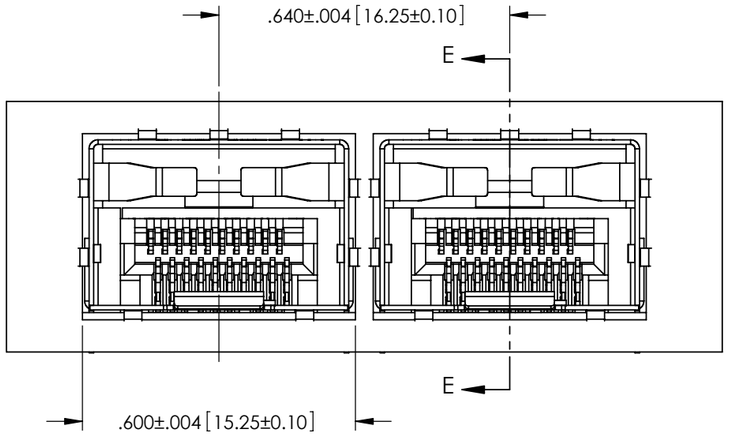
QA APP'D	X	X
IE APP'D	X	X
DWG APP'D		

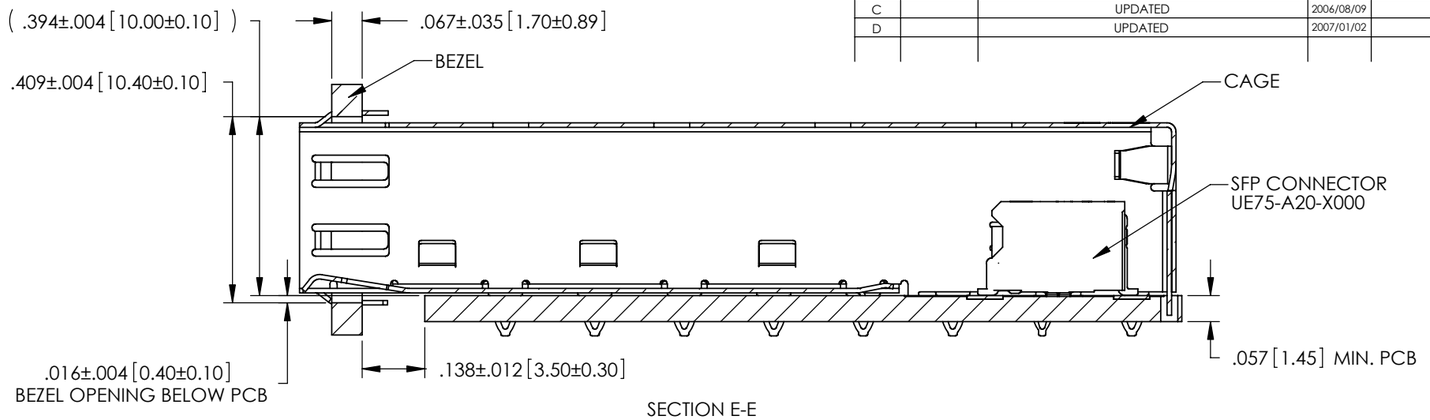
Amphenol Canada Corp.

TITLE: SFP CAGE + CONNECTOR 1X1
8 PRESS FIT / 12 EMI PINS

SIZE A3 | DWG. NO. P-UE78-A1118-0XXXX | REV. D
SCALE 2:1 | PROJECT | SHEET 5 OF 7

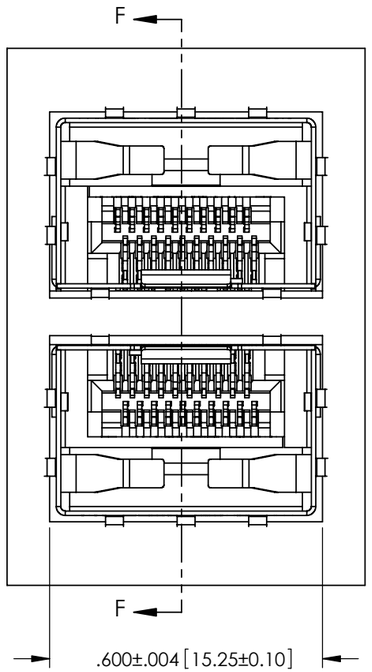
REVISIONS				
REV.	ECN/E-R	DESCRIPTION	DATE	APPROVED
B		CUSTOMER DRAWING	2006/04/05	J.SI
C		UPDATED	2006/08/09	
D		UPDATED	2007/01/02	

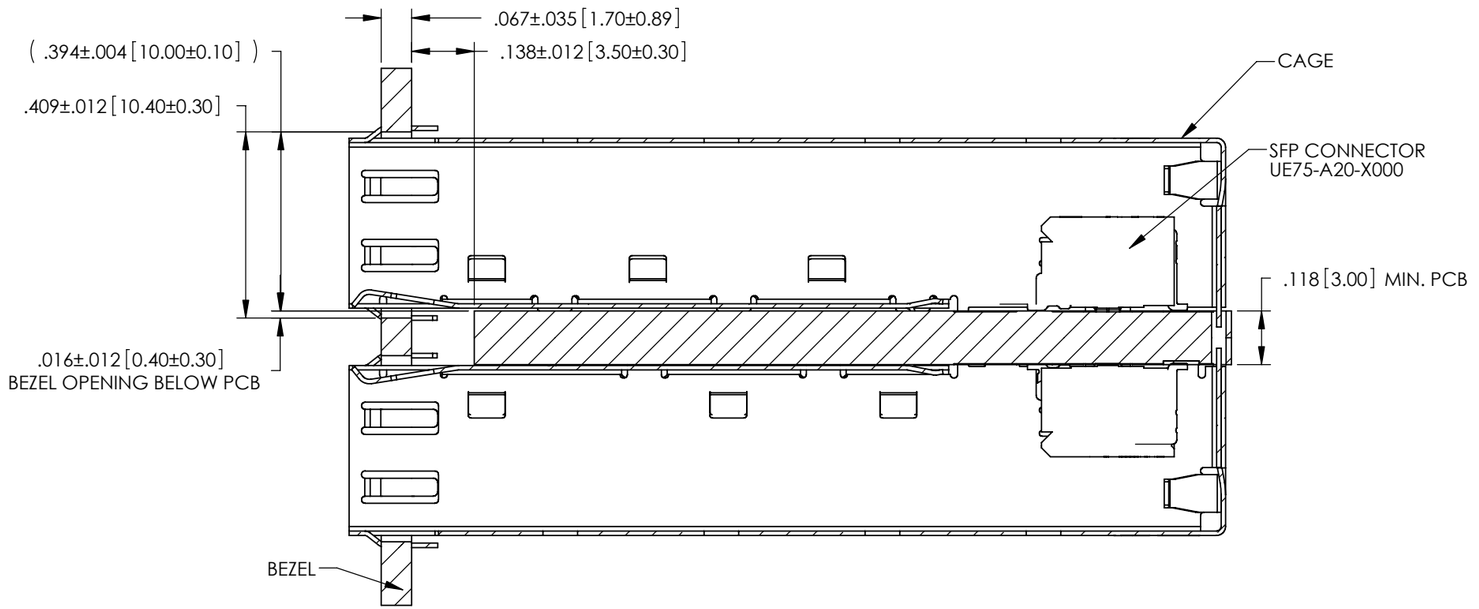




SECTION E-E
SCALE 3 : 1

RECOMMENDED BEZEL DESIGN (ONE SIDE CAGE MOUNTING)





SECTION F-F
SCALE 3 : 1

RECOMMENDED BEZEL DESIGN (BELLY TO BELLY CAGE MOUNTING)

APPROVALS		DATE
DRAWN	A.LIU	2006/02/13
DESIGNED	J.SI	2006/02/13
CHECKED	J.SI	2006/02/13
QA APP'D	X	X
IE APP'D	X	X
DWG APP'D		

Amphenol Canada Corp.

TITLE: SFP CAGE + CONNECTOR 1X1
8 PRESS FIT / 12 EMI PINS

SIZE A3 | DWG. NO. P-UE78-A1118-0XXXX | REV. D

SCALE 2:1 | PROJECT | SHEET 6 OF 7

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REVISIONS				
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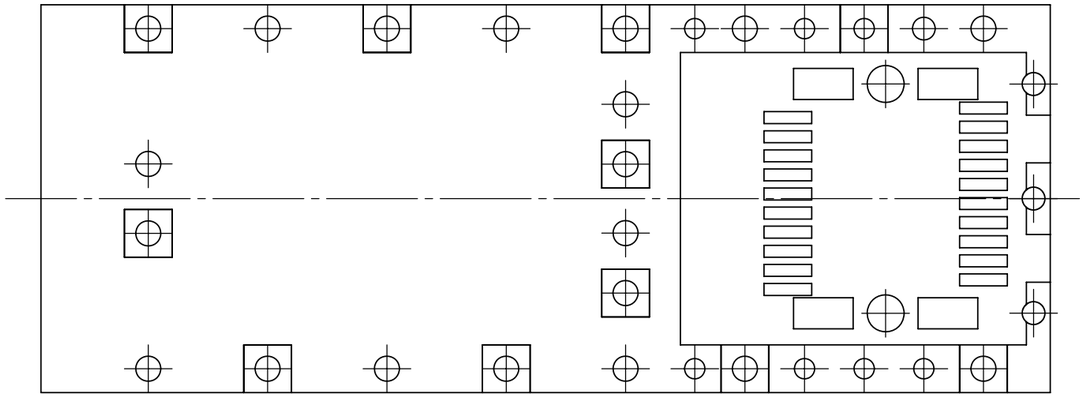
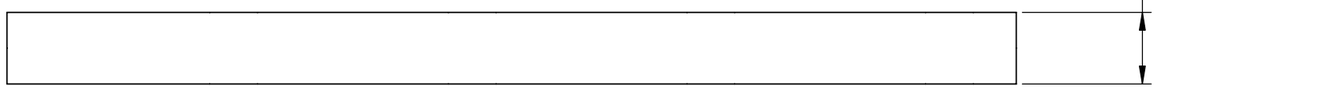
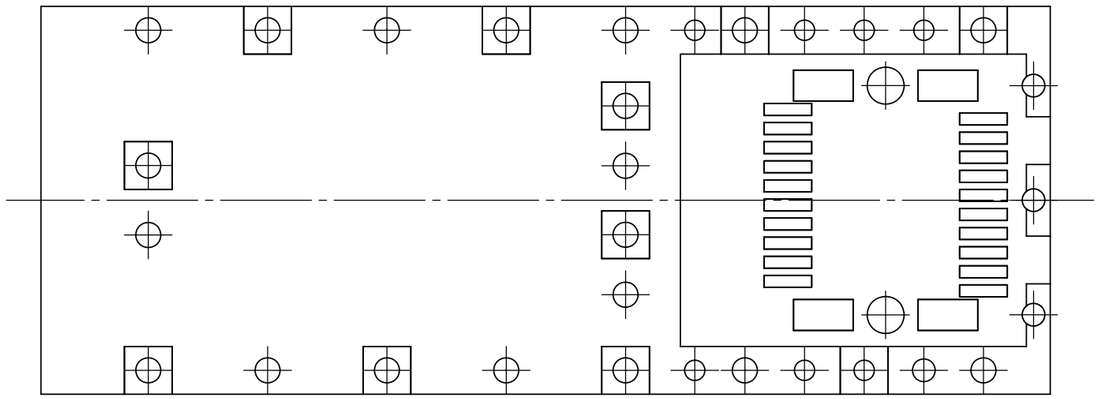
D		UPDATED	2007/01/02	







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

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DWG APP'D		

Amphenol Canada Corp.

TITLE: SFP CAGE + CONNECTOR 1X1
8 PRESS FIT / 12 EMI PINS

SIZE	DWG. NO.	REV.
A3	P-UE78-A1118-0XXXX	D

SCALE	PROJECT	SHEET
2:1		7 OF 7