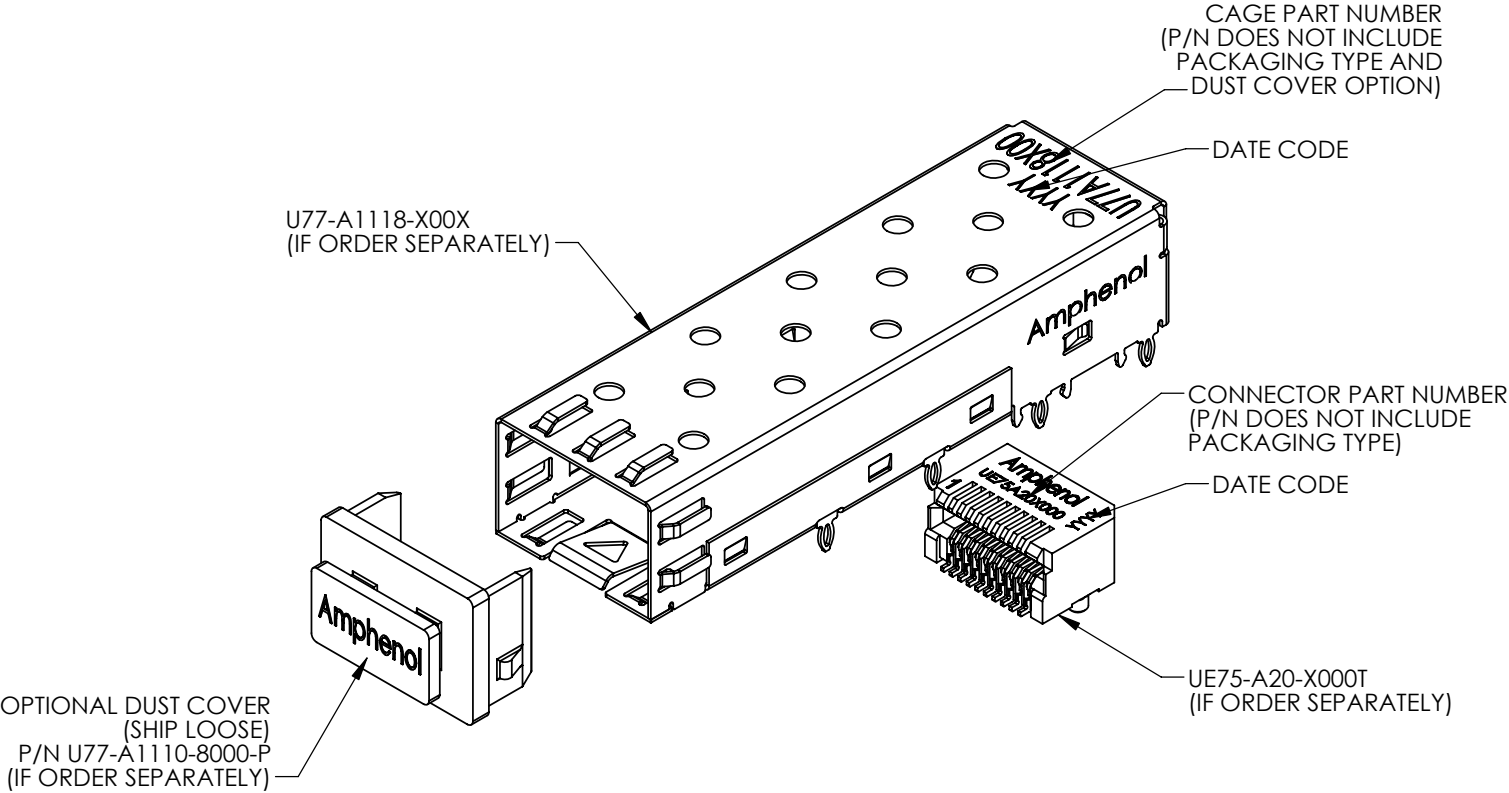


| REVISIONS |         |                  |            |          |
|-----------|---------|------------------|------------|----------|
| REV.      | ECN/E-R | DESCRIPTION      | DATE       | APPROVED |
| B         |         | CUSTOMER DRAWING | 2006/04/05 | J.SI     |
| C         |         | UPDATED          | 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

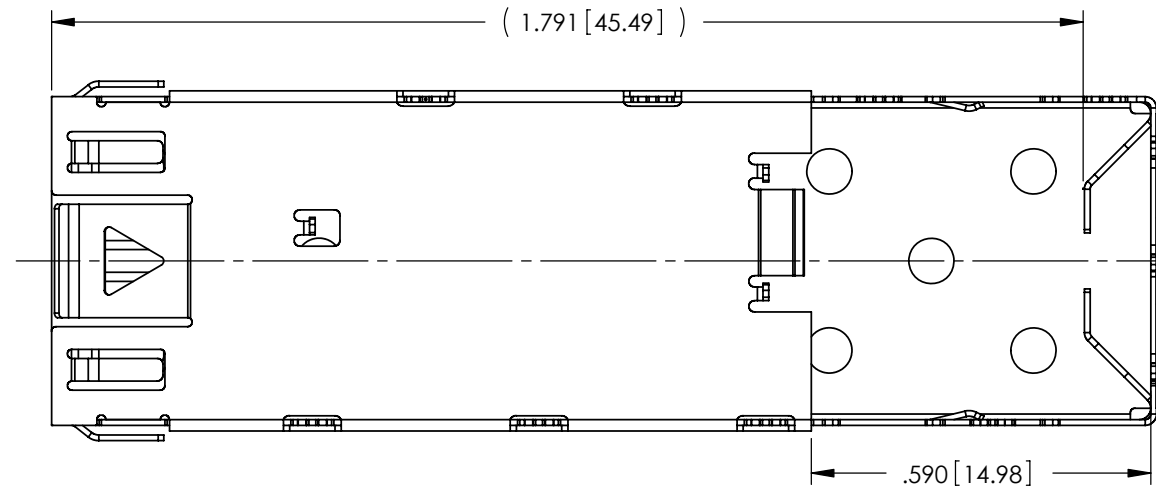
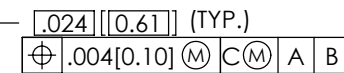
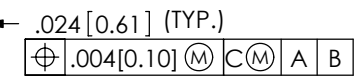
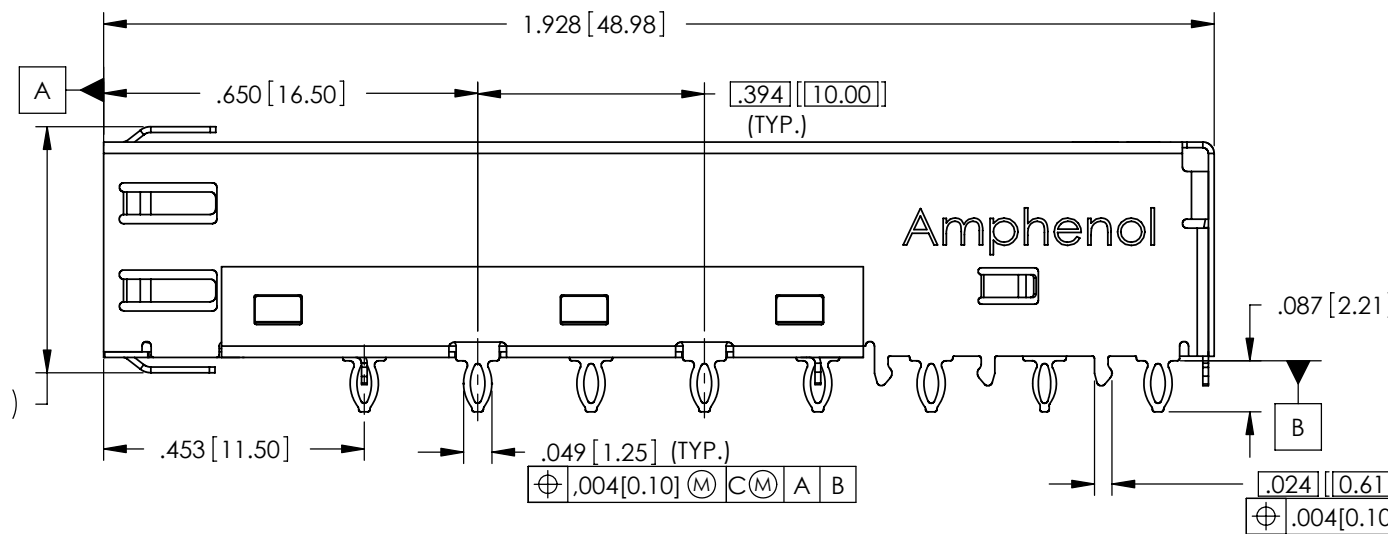
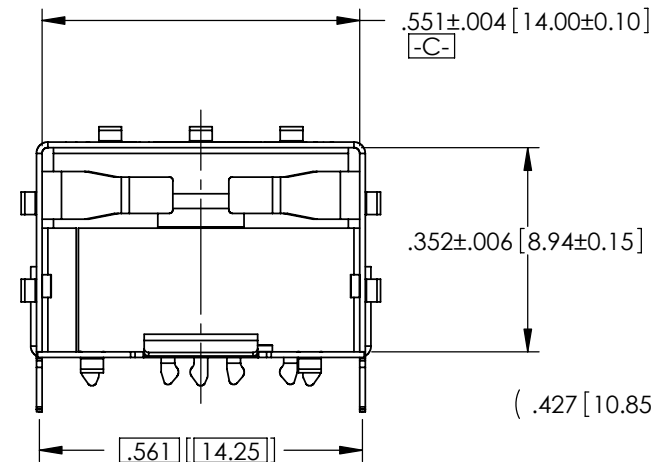
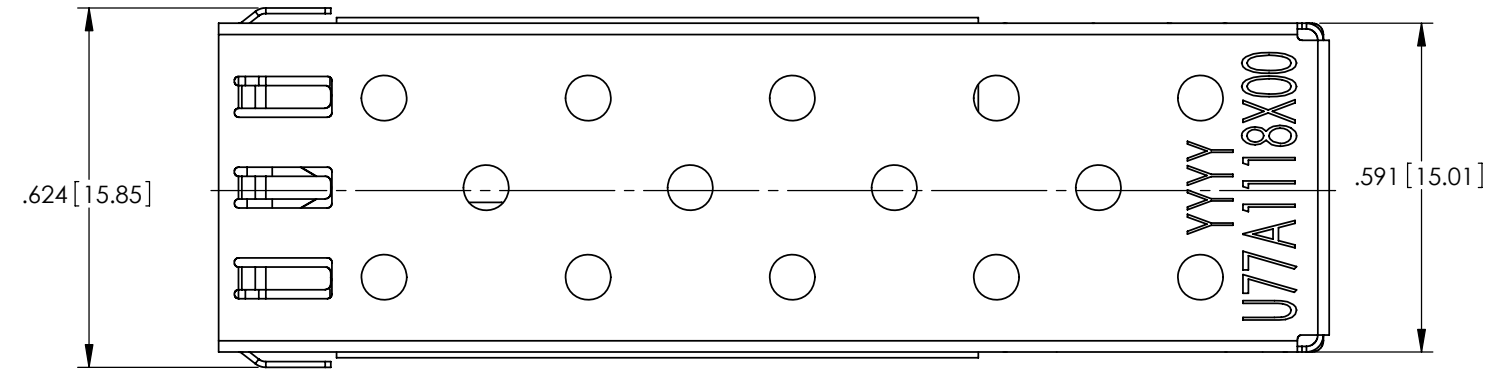
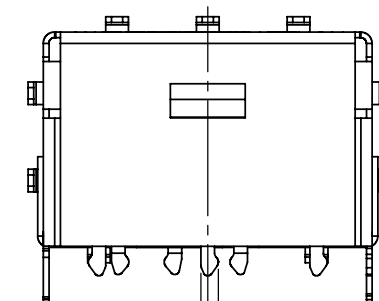
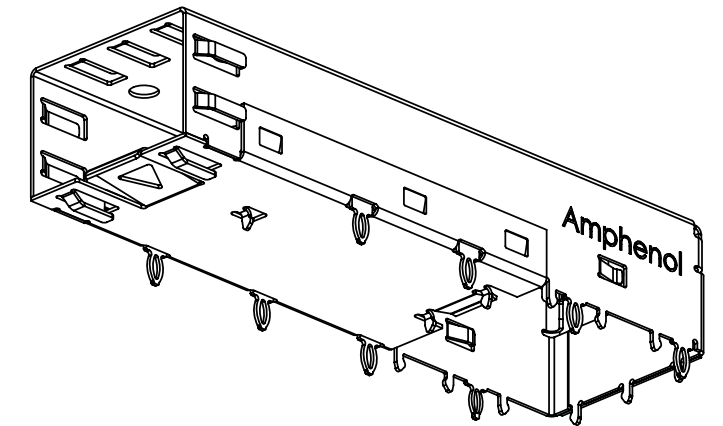
CONNECTOR:  
PLASTIC HOUSING:  
HIGH TEMPERATURE RESISTANT NYLON FLAMMABILITY RATING UL94V-0.  
CONTACTS:  
PHOSPHOR BRONZE  
PLATING OPTION 2: 30µ" [0.76 µm] GOLD ON MATING AREA AND 2 µ"  
(0.05 µm) GOLD FLASH PLATING ON TERMINATION OVER  
50µ"[1.27µm] NICKEL UNDER LAYER.  
PLATING OPTION 3: 30µ" [0.76 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<br><br>SFP CAGE + CONNECTOR 1X1<br>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<br>A3                                                         | DWG. NO.<br>P-UE78-A1118-0XXXX | REV.<br>D       |  |
| DWG APPD  |       |            | SCALE<br>2:1                                                       | PROJECT                        | SHEET<br>1 OF 7 |  |

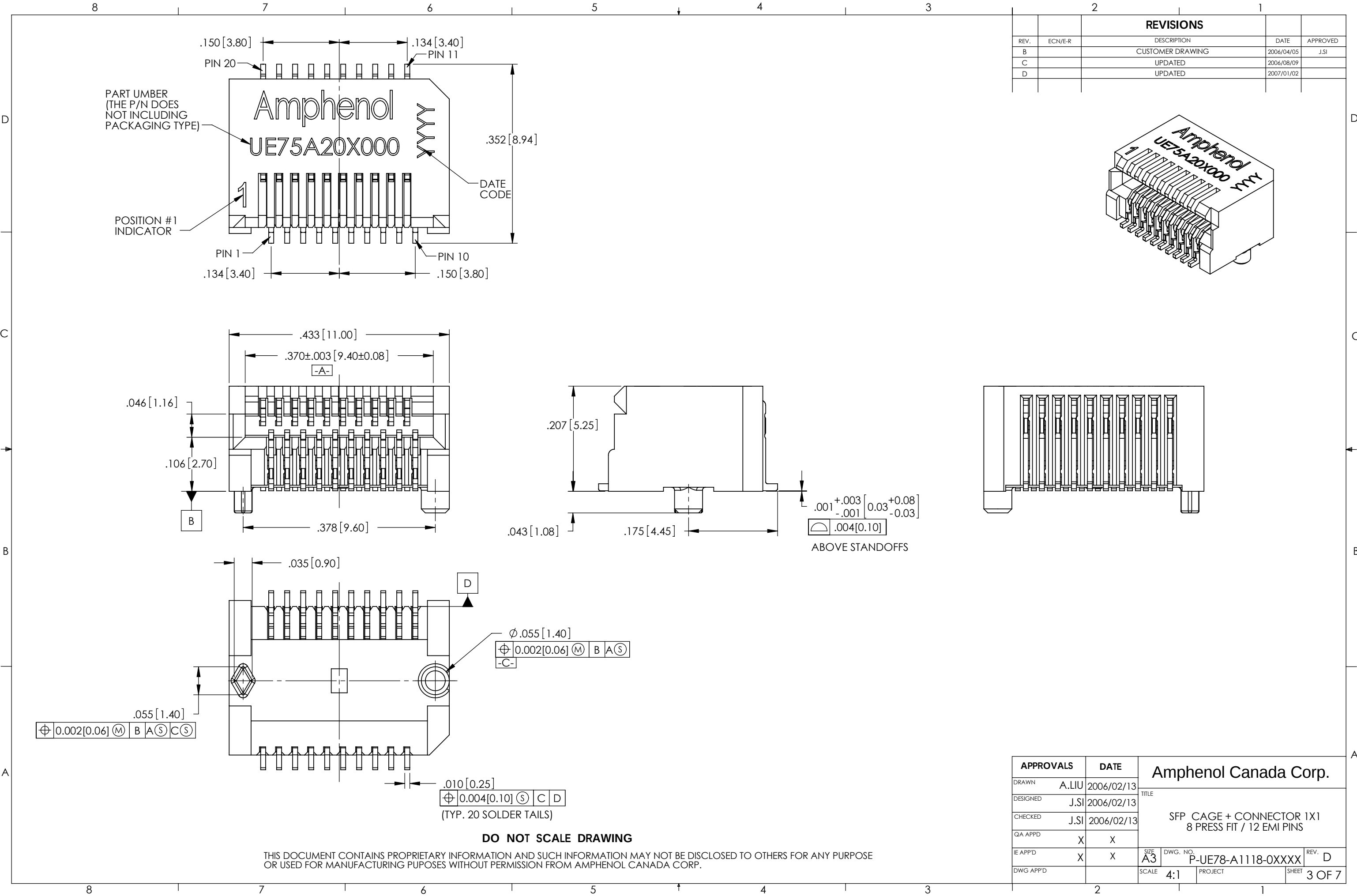
| REVISIONS |         |                  |            |          |
|-----------|---------|------------------|------------|----------|
| REV.      | ECN/E-R | DESCRIPTION      | DATE       | APPROVED |
| B         |         | CUSTOMER DRAWING | 2006/04/05 | J.SI     |
| C         |         | UPDATED 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



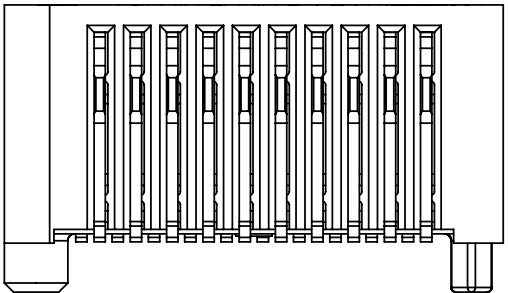
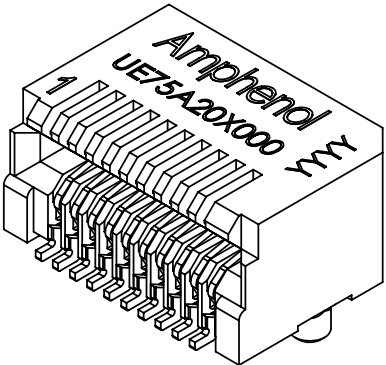
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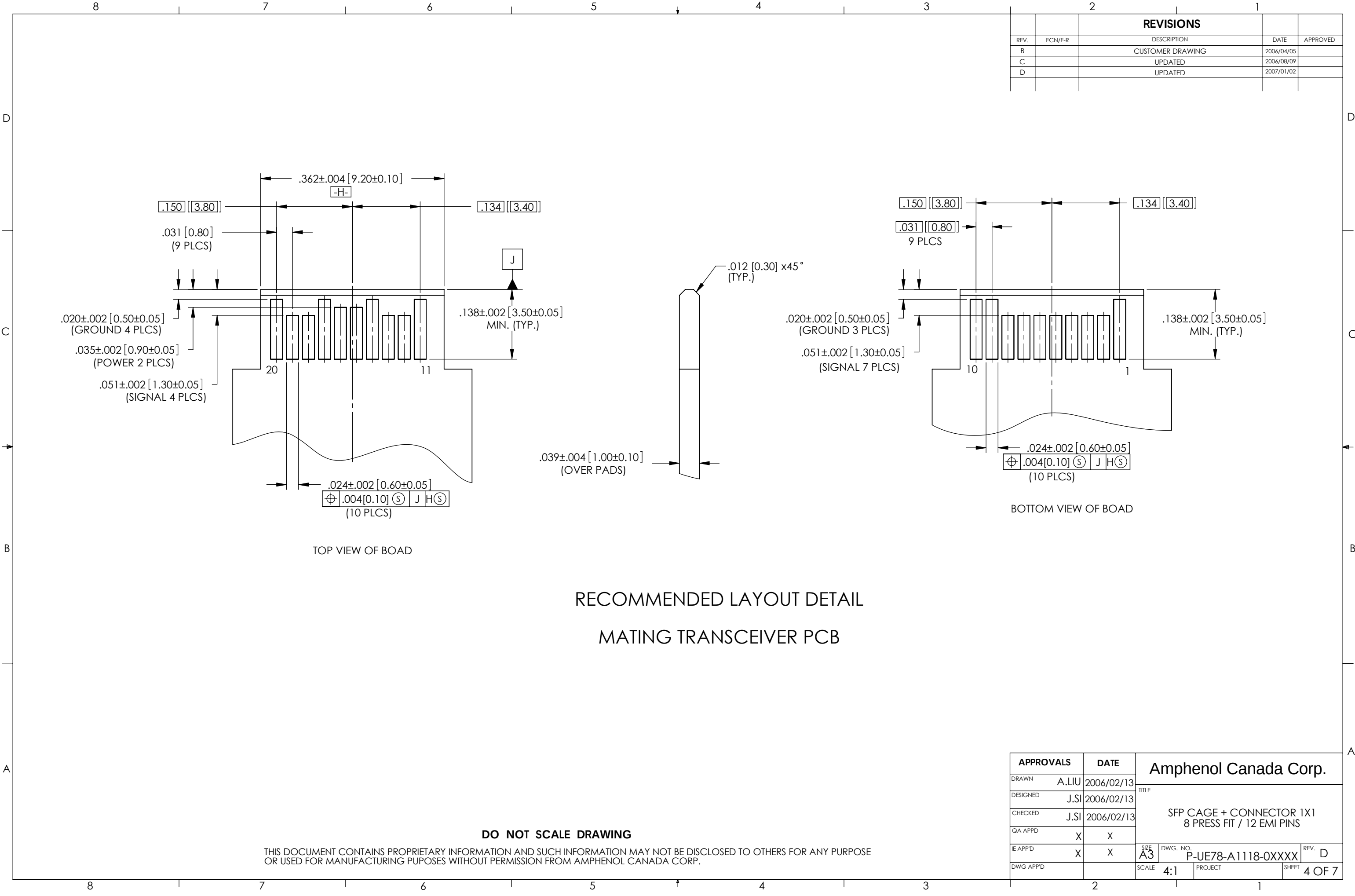
| APPROVALS |       | DATE       | Amphenol Canada Corp.                                              |                                |                 |
|-----------|-------|------------|--------------------------------------------------------------------|--------------------------------|-----------------|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



| REVISIONS |         |                  |            |          |
|-----------|---------|------------------|------------|----------|
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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<br>A3                                                     | DWG. NO.<br>P-UE78-A1118-0XXXX | REV.<br>D       |
| DWG APPD  |       |            | SCALE<br>4:1                                                   | PROJECT                        | SHEET<br>3 OF 7 |

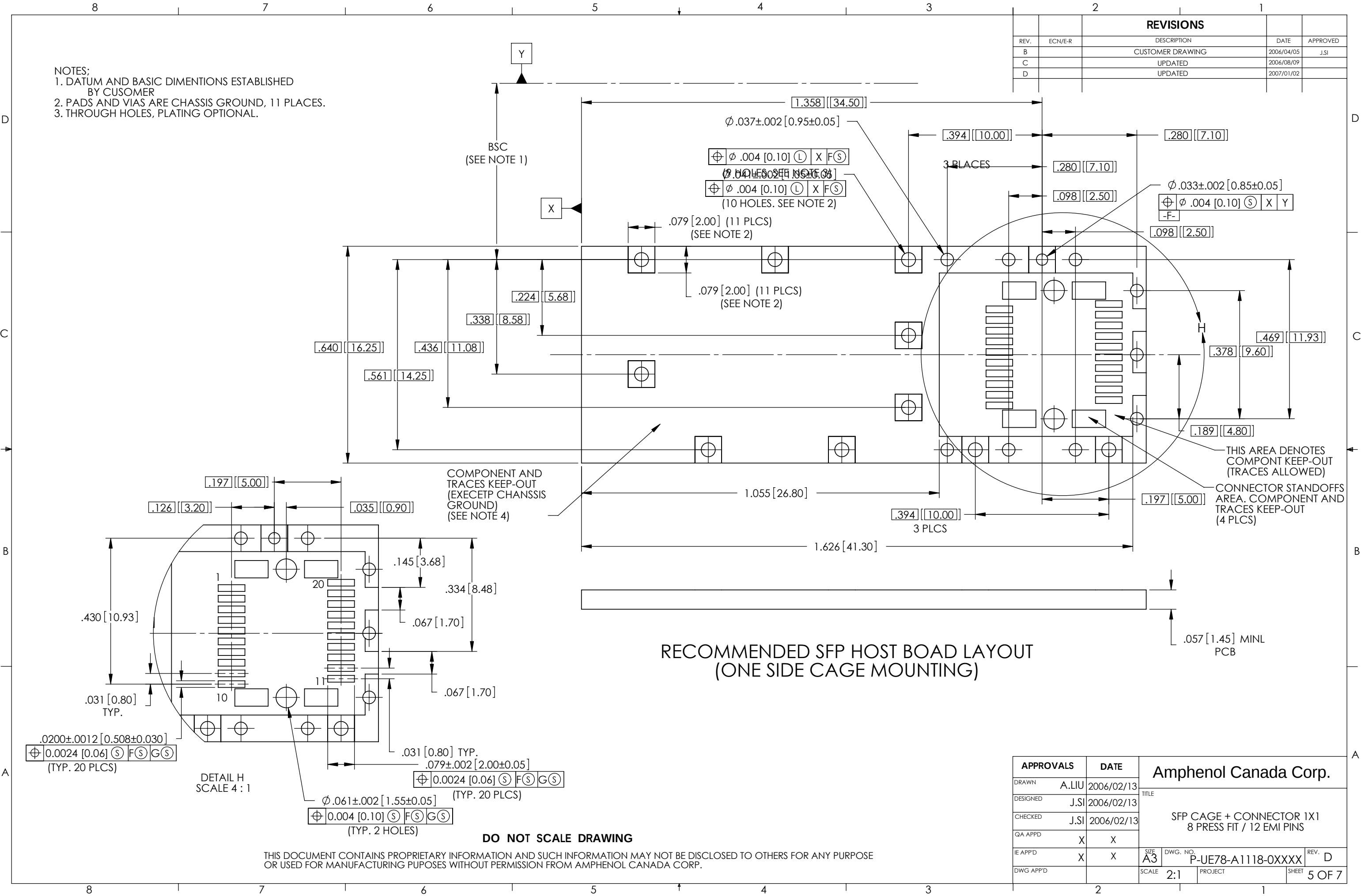


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| CHECKED   | J.SI  | 2006/02/13 |                                                       |                                |                 |
| QA APPD   | X     | X          |                                                       |                                |                 |
| IE APPD   | X     | X          | SIZE<br>A3                                            | DWG. NO.<br>P-UE78-A1118-0XXXX | REV.<br>D       |
| DWG APPD  |       |            | SCALE<br>4:1                                          | PROJECT                        | SHEET<br>4 OF 7 |

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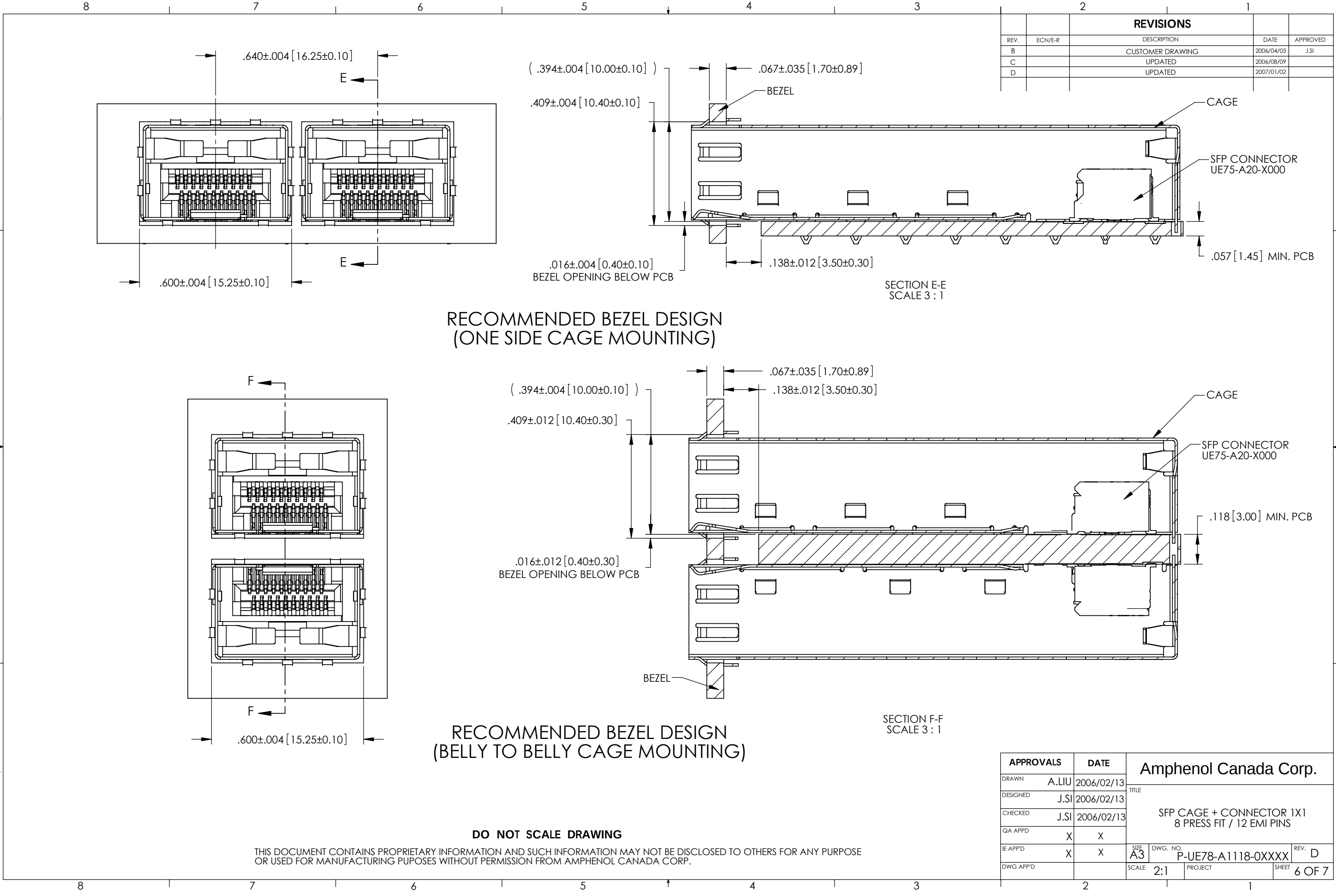
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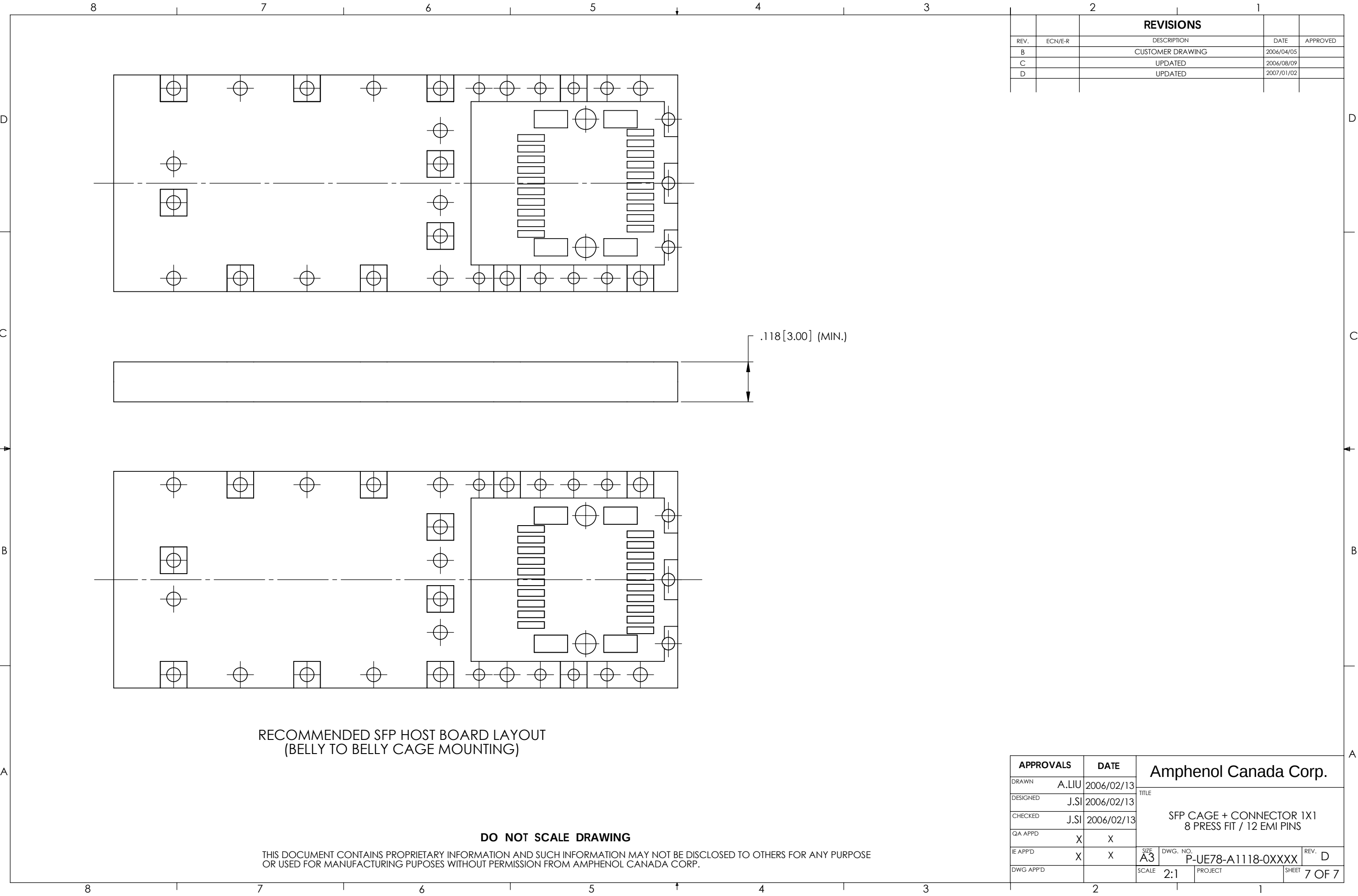


NOTES;  
1. DATUM AND BASIC DIMENTIONS ESTABLISHED BY CUSTOMER  
2. PADS AND VIAS ARE CHASSIS GROUND, 11 PLACES.  
3. THROUGH HOLES, PLATING OPTIONAL.

| REVISIONS |         |                  |            |          |
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| QA APPD   | X     | X          |                                                       |                                |
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| DWG APPD  |       |            | SCALE<br>2:1                                          | PROJECT<br>SHEET<br>5 OF 7     |





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

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| DWG APPD  |       |            | SCALE<br>2:1                                                   | PROJECT                        | SHEET<br>7 OF 7 |