

| REVISIONS |      |              |            |        |
|-----------|------|--------------|------------|--------|
| SYM       | ZONE | ECN, ERN NO. | DATE       | APPRD. |
| E         |      | UPDATED      | 2006/02/07 |        |
| F         |      | UPDATED      | JAN29/08   |        |
| G         |      | UPDATED      | AUG03/08   |        |

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PART NUMBER  
(P/N DOES NOT  
INCLUDING PACKAGING TYPE  
AND DUST COVER OPTION)

DATE CODE

MATERIAL (RoHS COMPLIANCE):

CAGE:

COPPER ALLOY

PLATING OPTION 1:

100μ" [2.54 μm] MIN. TIN  
PLATING OVER 50 μ" (1.27 μm)  
MIN. NICKEL UNDER PLATING.

PLATING OPTION 2:

100μ" [2.54 μm] MIN. 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

OPTIONAL DUST COVER  
(SHIP LOOSE)  
P/N U77-A1110-8000-P

# AMPHENOL PART NUMBER CONFIGURATION

U77 - A 1 1 1 8 - X X 0 X

## PACKAGING

1 = TRAY PACKAGING  
T = TAPE & REEL PACKAGING

## OPTIONAL DUST COVER

0 = NO DUST COVER  
D = WITH DUST COVER (SHIP LOOSE)

## PLATING

1 = TIN PLATING  
2 = NICKEL PLATING



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|-------------------|-------------|--------------|------------|
| DRAWN             | J.SI        | DATE         | 2005/03/08 |
| DESIGNED          | J.SI        | DATE         | 2005/03/08 |
| CHECKED           | X           |              | X          |
| DWG. APPRD.       |             |              |            |
| ENG. REL. NO.     |             |              |            |
| REF.              | X           |              |            |
| DIMENSIONS ARE IN | INCHES [mm] | CODE ID. NO. | 03554      |

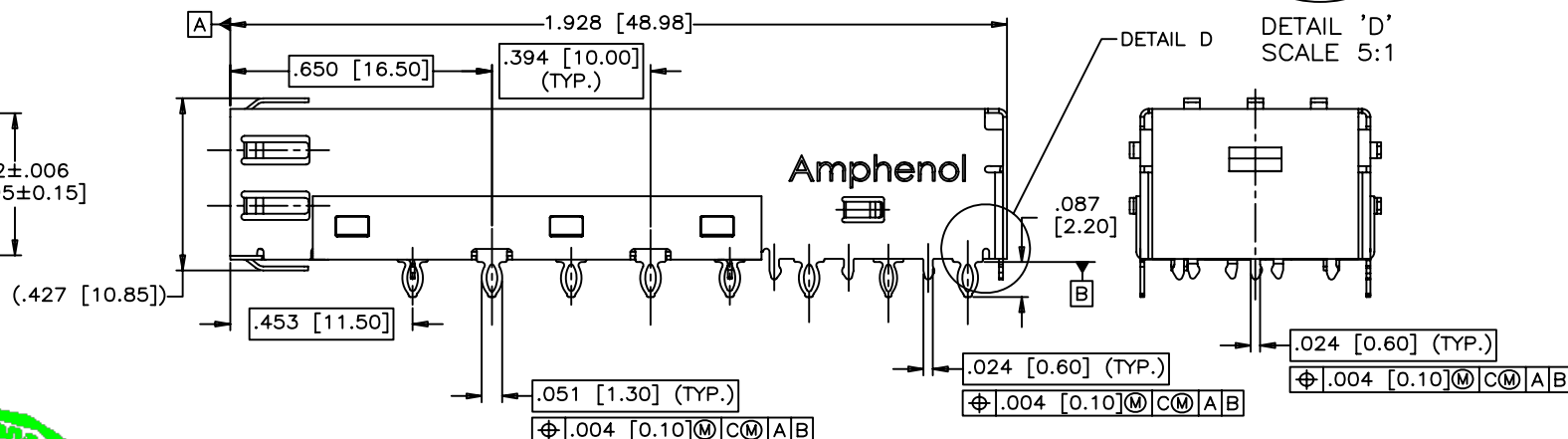
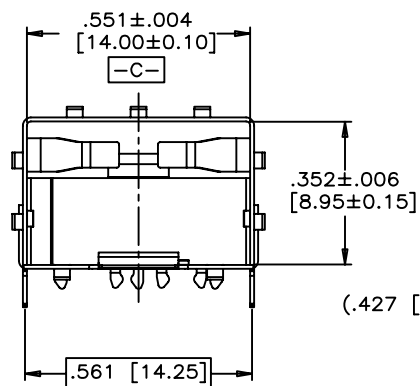
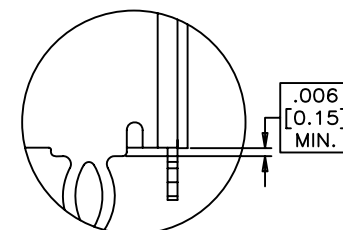
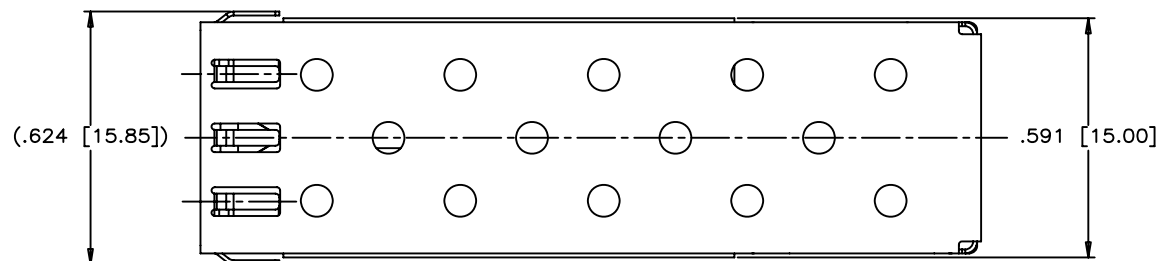
Amphenol Canada Corp.

TITLE  
SFP SINGLE CAGE  
WITH 8 PRESS FIT / 12 EMI PINS

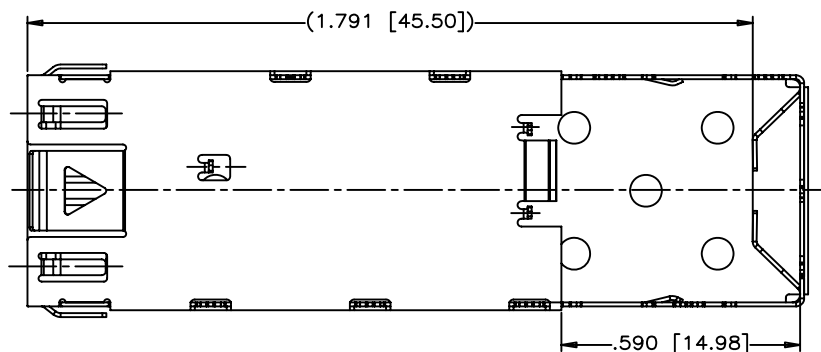
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| DWG.         | A   | DRAWING NO. | P-U77-A1118-XX0X | REV.  | G     |
| SCALE        | 2:1 | WT.         | -----            | SURF. | ----- |
| SHEET 1 OF 5 |     |             |                  |       |       |

| REVISIONS |      |              |            |        |
|-----------|------|--------------|------------|--------|
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DETAIL D  
SCALE 5:1

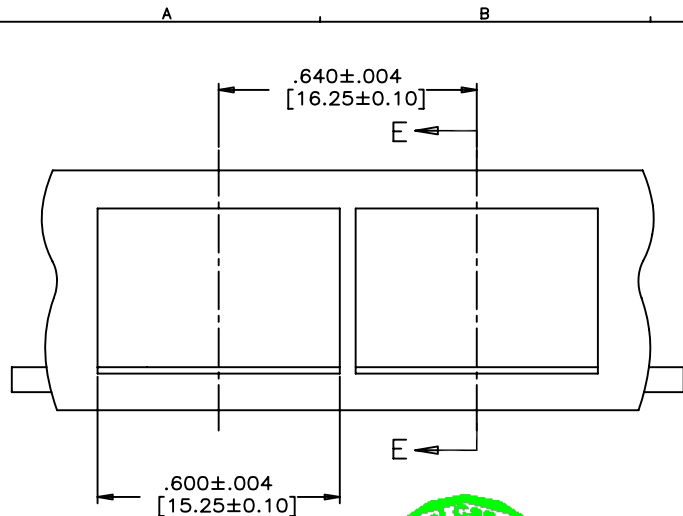


|                   |             |              |            |
|-------------------|-------------|--------------|------------|
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| DESIGNED          | J.SI        | DATE         | 2005/03/08 |
| CHECKED           | X           |              |            |
| DWG. APPRD.       |             |              |            |
| ENG. REL. NO.     |             |              |            |
| REF.              | X           |              |            |
| DIMENSIONS ARE IN | INCHES [mm] | CODE ID. NO. | 03554      |

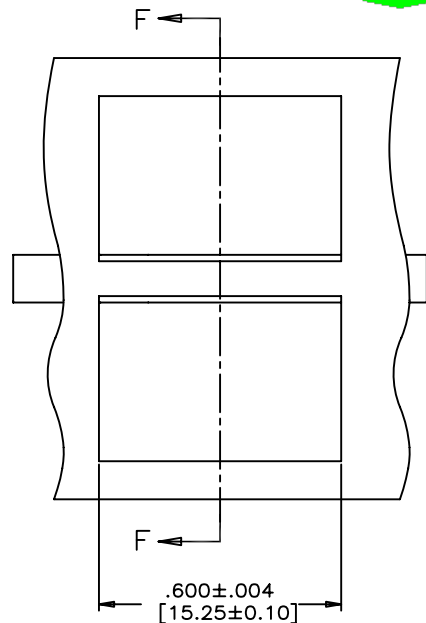
Amphenol Canada Corp.

|       |                                                   |             |                  |
|-------|---------------------------------------------------|-------------|------------------|
| TITLE | SFP SINGLE CAGE<br>WITH 8 PRESS FIT / 12 EMI PINS |             |                  |
| DWG   | A                                                 | DRAWING NO. | P-U77-A1118-XX0X |
| REV.  | G                                                 |             |                  |
| SCALE | 2:1                                               | WT.         | -----            |
| SURF. | -----                                             | SHEET       | 2 OF 5           |

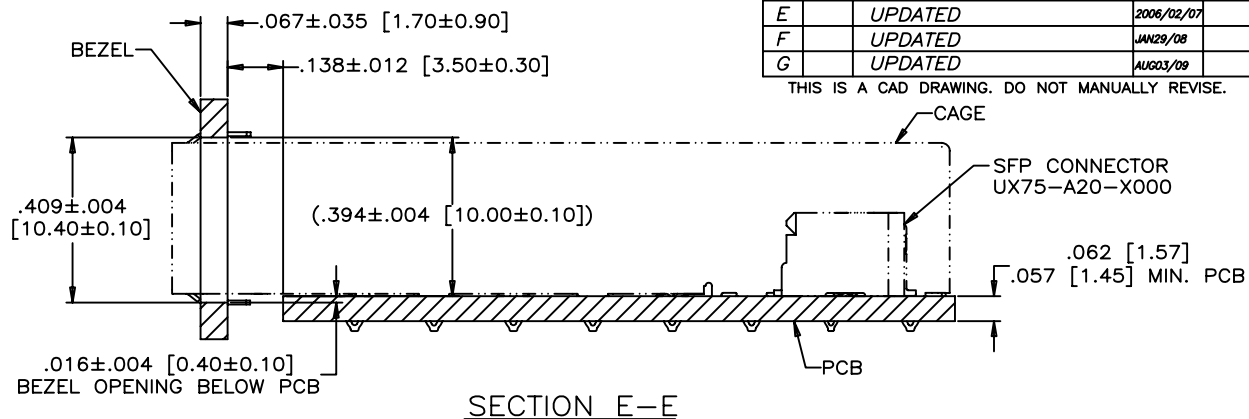
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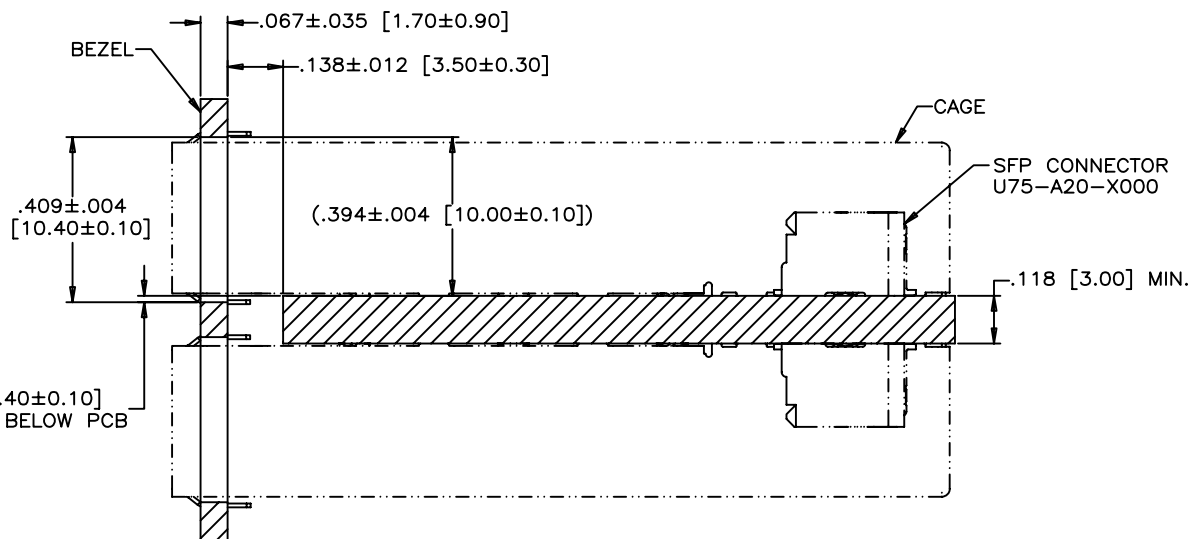
RECOMMENDED BEZEL DESIGN  
(ONE SIDE CAGE MOUNTING)



RECOMMENDED BEZEL DESIGN  
(BELLY TO BELLY CAGE MOUNTING)



SECTION E-E



SECTION F-F

| REVISIONS |      |              |            |        |
|-----------|------|--------------|------------|--------|
| SYM       | ZONE | ECN, ERN NO. | DATE       | APPRD. |
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| DESIGNED          | J.SI        | DATE         | 2005/03/08 |                                                   |        |
| CHECKED           | X           |              |            | TITLE                                             |        |
|                   |             |              |            |                                                   |        |
| DWG. APPRD.       |             |              |            | SFP SINGLE CAGE<br>WITH 8 PRESS FIT / 12 EMI PINS |        |
| ENG. REL. NO.     |             |              |            |                                                   |        |
| REF.              | X           |              |            | DRAWING NO.                                       |        |
| DIMENSIONS ARE IN | INCHES [mm] | CODE ID. NO. | 03554      |                                                   |        |
|                   |             |              |            | SCALE                                             | 2:1    |
|                   |             |              |            | WT.                                               | -----  |
|                   |             |              |            | SURF.                                             | -----  |
|                   |             |              |            | SHEET                                             | 3 OF 5 |

- 
- Amphenol

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-Y-  
 -X-  
 BSC (SEE NOTE 1)  
 .079 [2.00] (11 PLCS) (SEE NOTE 2)  
 .079 [2.00] (11 PLCS) (SEE NOTE 2)  
 .224 [5.68]  
 .338 [8.58]  
 .436 [11.08]  
 .61 [4.25]  
 1.358 [34.50]  
 .394 [10.00] 3 PLACES  
 .283 [7.20]  
 .280 [7.10]  
 .098 [2.50]  
 .098 [2.50]  
 .037±.002 [Ø0.95±0.05]  
 ⊕ Ø.004 [0.10] ⊖ X F ⊙  
 (9 HOLES. SEE NOTE 3)  
 .041±.002 [Ø1.05±0.05]  
 ⊕ Ø.004 [0.10] ⊖ X F ⊙  
 (10 HOLES. SEE NOTE 2)  
 .033±.002 [Ø0.85±0.05]  
 ⊕ Ø.004 [0.10] ⊙ X Y  
 -F-  
 .469 [11.93]  
 .378 [9.60]  
 .189 [4.80]  
 .197 [5.00]  
 .394 [10.00] 3 PLACES  
 1.055 [26.80]  
 1.626 [41.30]  
 1.665 [42.30]  
 THIS AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)  
 CONNECTOR STANDOFFS AREA, COMPONENT AND TRACES KEEP-OUT (4 PLCS) (SEE NOTE 4)

|                   |          |              |            |
|-------------------|----------|--------------|------------|
| DRAWN             | J.SI     | DATE         | 2005/03/01 |
| DESIGNED          | J.SI     |              | 2005/03/01 |
| CHECKED <i>X</i>  |          |              | <i>x</i>   |
|                   |          |              |            |
| DWG. APPRD.       |          |              |            |
| ENG. REL. NO.     |          |              |            |
| REF.              | <i>X</i> |              |            |
| DIMENSIONS ARE IN |          | CODE ID. NO. |            |
| INCHES [mm]       |          |              | 03554      |

TITLE

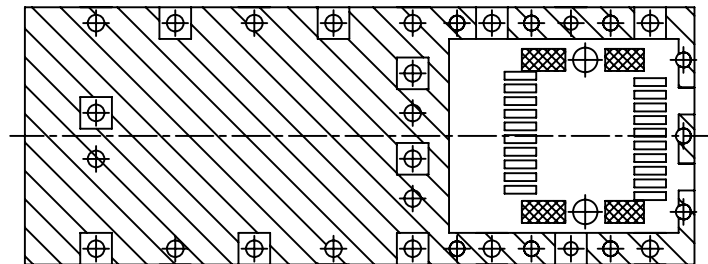
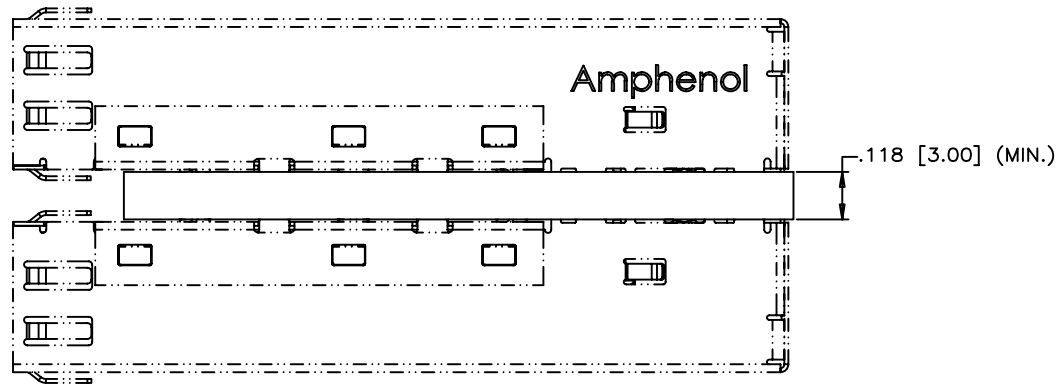
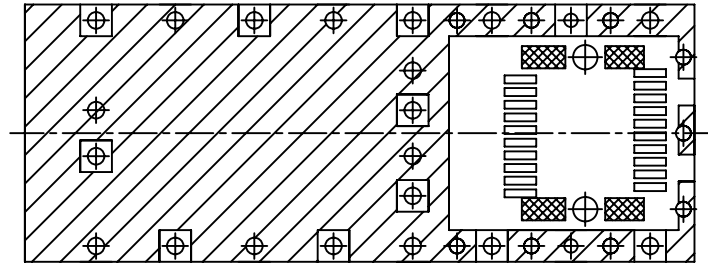
SFP SINGLE CAGE  
WITH 8 PRESS FIT / 12 EMI PINS

|              |                                 |                |              |  |          |
|--------------|---------------------------------|----------------|--------------|--|----------|
| DWG<br>A     | DRAWING NO.<br>P-U77-A1118-XXOX |                |              |  | REV<br>G |
| SCALE<br>2:1 | WT.<br>-----                    | SURF.<br>----- | SHEET 4 OF 5 |  |          |

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

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| DWG. APPRD.       |              |      |            |
| ENG. REL. NO.     |              |      |            |
| REF.              | X            |      |            |
| DIMENSIONS ARE IN | CODE ID. NO. |      |            |
| INCHES [mm]       | 03554        |      |            |

|                                                   |                  |     |              |
|---------------------------------------------------|------------------|-----|--------------|
| Amphenol Canada Corp.                             |                  |     |              |
| TITLE                                             |                  |     |              |
| SFP SINGLE CAGE<br>WITH 8 PRESS FIT / 12 EMI PINS |                  |     |              |
| DWG                                               | DRAWING NO.      |     | REV.         |
| A                                                 | P-U77-A1118-XX0X |     | G            |
| SCALE                                             | 2:1              | WT. | SHEET 5 OF 5 |



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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**Факс:** 8 (812) 320-02-42

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**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.