

MATERIAL (RoHS COMPLIANT):

CAGE:  
COPPER ALLOY

PLATING:(SEE PART NUMBER FOR OPTION)

OPTION1:100μ" [2.54 μm] MIN. BRIGHT TIN PLATING OVER 50 μ" (1.27 μm) MIN. NICKEL UNDER PLATING. (BRIGHT TIN SOLDER TEMPERATURE 230°C MAX.).

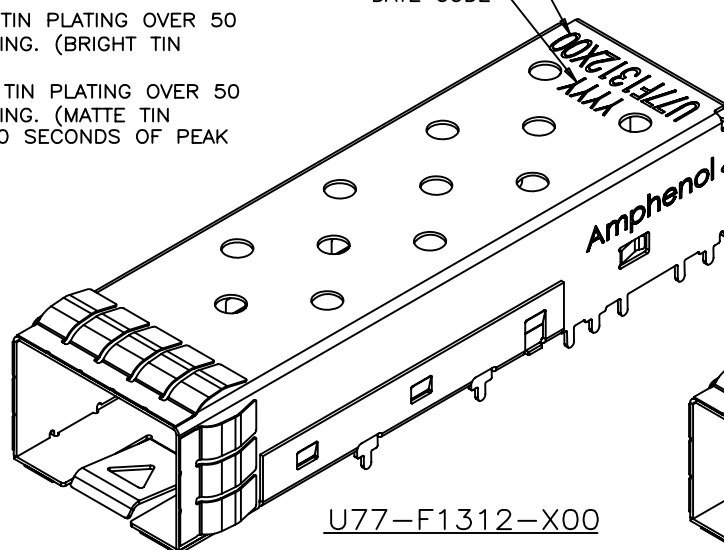
OPTION3: 100μ" [2.54 μm] MIN. MATTE TIN PLATING OVER 50 μ" (1.27 μm) MIN. NICKEL UNDER PLATING. (MATTE TIN SOLDER TEMPERATURE 245°C MAX. IN 10 SECONDS OF PEAK TIME, )

PACKAGING:  
TAPE AND REEL OR TRAY PACKAGING.

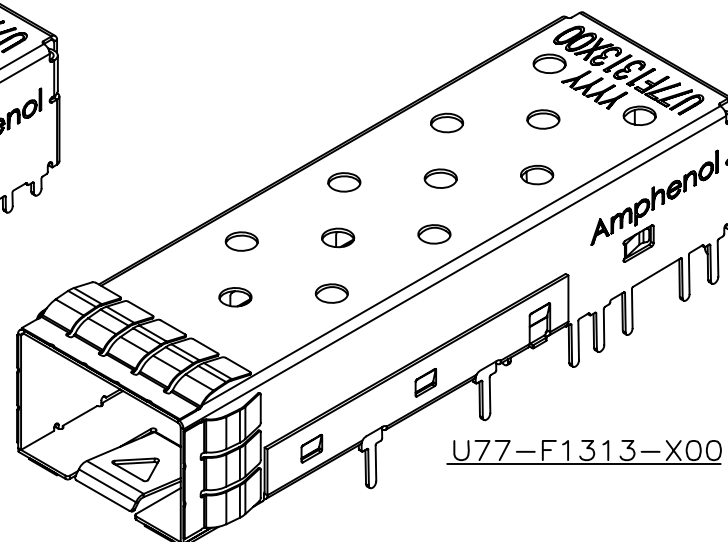
TEMPERATURE RANGE:  
-40°C TO +85°C

PART NUMBER  
(P/N DOES NOT INCLUDE  
PACKAGING TYPE)

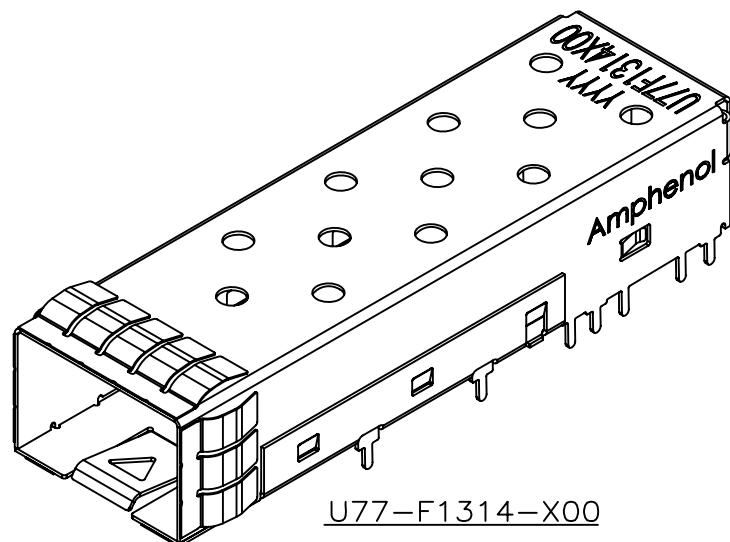
DATE CODE



U77-F1312-X00



U77-F1313-X00



U77-F1314-X00

### AMPHENOL PART NUMBER CONFIGURATION

U77 - F 1 3 1 X - X 0 0 X

#### SOLDER TAIL HEIGHT

2 = 1.2 mm (20 SOLDER PINS)  
3 = 3.2 mm (20 SOLDER PINS)  
4 = 1.8 mm (20 SOLDER PINS)

#### PLATING

1 = BRIGHT TIN PLATING  
3 = MATTE TIN PLATING

#### PACKAGING

1 = TRAY PACKAGING  
(SEE PAGE 5 FOR DETAILS)  
T = TAPE & REEL PACKAGING  
(STANDARD CAGE ORIENTATION)  
(SEE PAGE 6 FOR DETAILS)



|                   |        |              |          |
|-------------------|--------|--------------|----------|
| DRAWN             | J.SI   | DATE         | OCT22/07 |
| DESIGNED          | J.SI   | DATE         | OCT22/07 |
| CHECKED           | X      |              |          |
| DWG. APPRD.       |        |              |          |
| ENG. REL. NO.     |        |              |          |
| REF.              | X      |              |          |
| DIMENSIONS ARE IN | INCHES | CODE ID. NO. | 03554    |

Amphenol Canada Corp.

TITLE  
SFP-IPF SINGLE CAGE FOR PCI APPLICATION  
WITH 20 SOLDER PINS

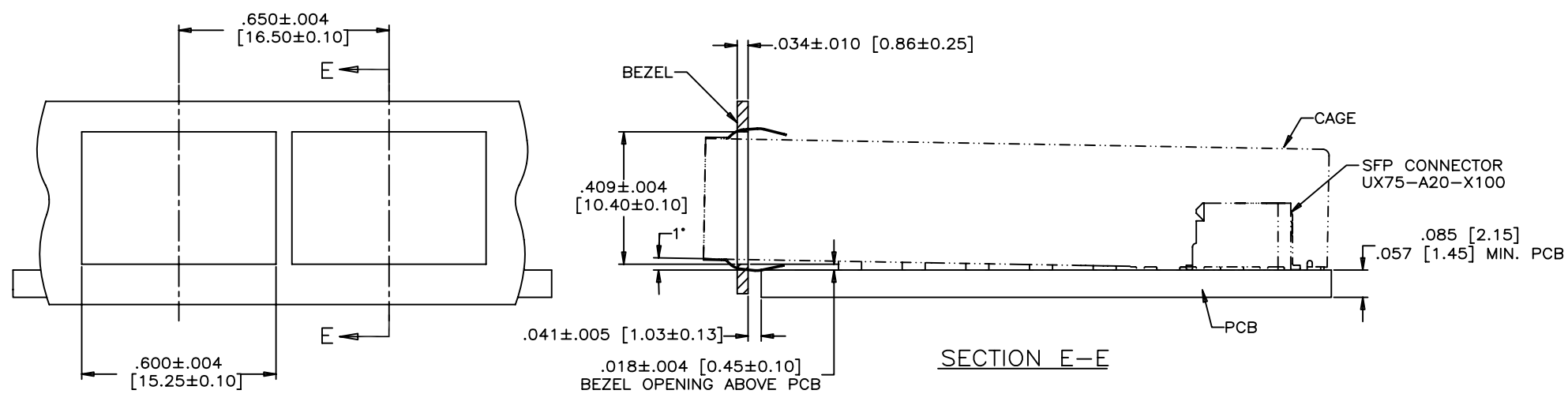
|       |     |             |                  |       |        |
|-------|-----|-------------|------------------|-------|--------|
| DWG   | A   | DRAWING NO. | P-U77-F131X-X00X | REV.  | B      |
| SCALE | 2:1 | WT.         |                  | SURF. |        |
|       |     |             |                  | SHEET | 1 OF 4 |

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



| REVISIONS |      |              |          |        |
|-----------|------|--------------|----------|--------|
| SYM       | ZONE | ECN, ERN NO. | DATE     | APPRD. |
| A         |      | PROPOSAL     | OCT22/07 |        |
| B         |      | UPDATED      | JUL30/10 |        |
|           |      |              |          |        |

THIS IS A CAD DRAWING. DO NOT MANUALLY REVISE.



RECOMMENDED BEZEL DESIGN  
(ONE SIDE CAGE MOUNTING)

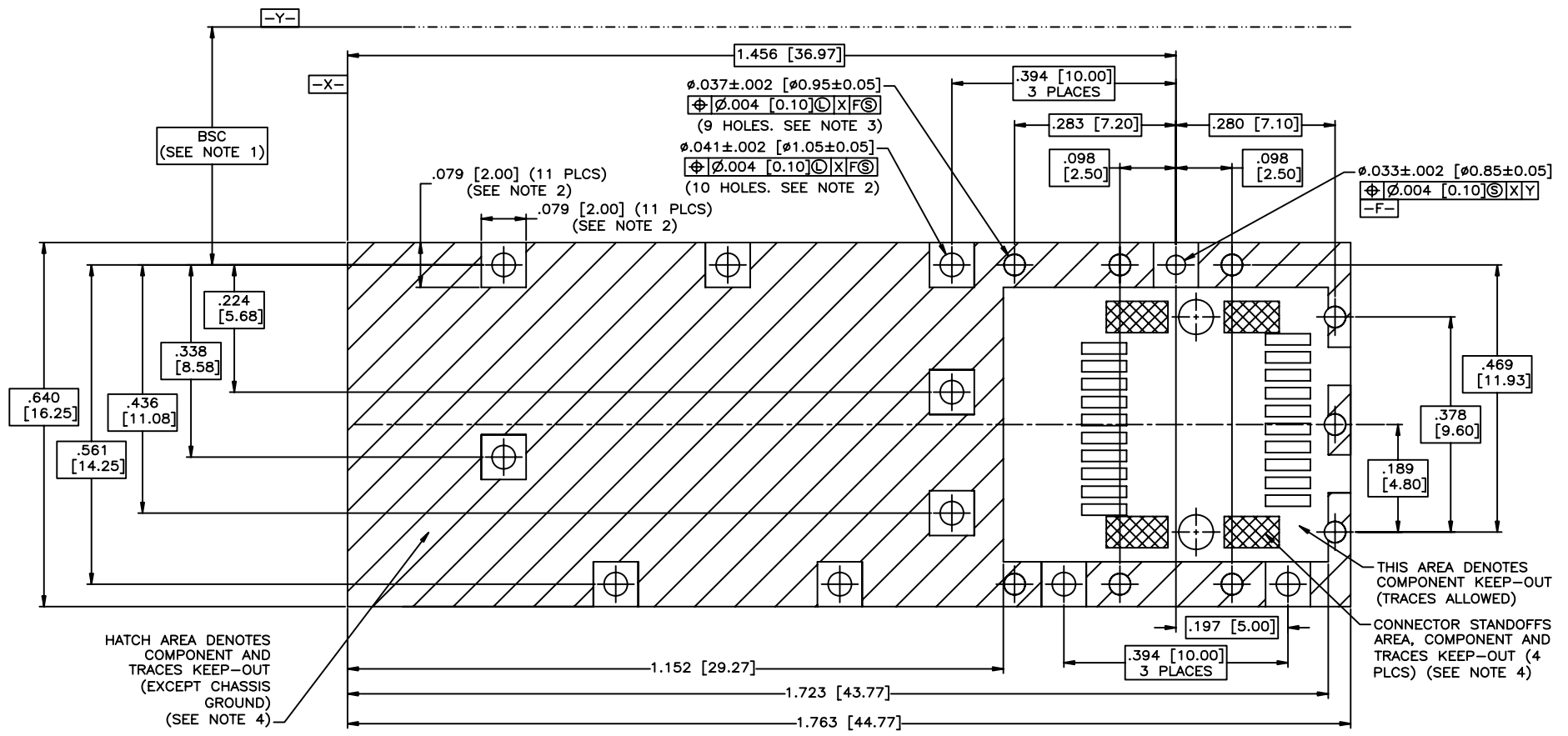
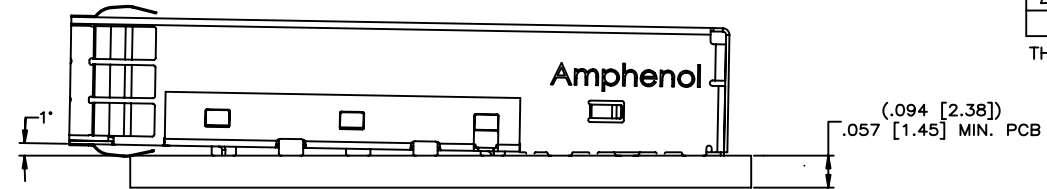
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION  
MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING  
PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

|                               |  |               |  |   |  |
|-------------------------------|--|---------------|--|---|--|
| DRAWN J.SI                    |  | DATE OCT22/07 |  | Amphenol Canada Corp.   |  |
| DESIGNED J.SI                 |  | OCT22/07      |  |   |  |
| CHECKED X                     |  | X             |  |   |  |
|                               |  |               |  |   |  |
| DWG. APPRD.                   |  |               |  | TITLE<br>SFP-IPF SINGLE CAGE FOR PCI APPLICATION<br>WITH 20 SOLDER PINS |  |
| ENG. REL. NO.                 |  |               |  |   |  |
| REF. X                        |  |               |  |   |  |
| DIMENSIONS ARE IN INCHES [mm] |  |               |  |   |  |
| CODE ID. NO. 03554            |  | SCALE 2:1     |  | DWG. A<br>DRAWING NO. P-U77-F131X-X00X<br>REV. B                        |  |
|                               |  | WT. _____     |  | SURF. _____   |  |
|                               |  |               |  | SHEET 3 OF 4  |  |

- NOTES:
1. DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER
  2. PADS AND VIAS ARE CHASSIS GROUND, 11 PLACES.
  3. THRU HOLES, PLATING OPTIONAL.
  4. SEE DRAWINGS P-U75-A20-X000X FOR CONNECTOR PCB LAYOUT.

| REVISIONS |      |              |          |        |
|-----------|------|--------------|----------|--------|
| SYM       | ZONE | ECN, ERN NO. | DATE     | APPRD. |
| A         |      | PROPOSAL     | OCT22/07 |        |
| B         |      | UPDATED      | JUL30/10 |        |
|           |      |              |          |        |

THIS IS A CAD DRAWING. DO NOT MANUALLY REVISE.



RECOMMENDED SFP HOST BOARD LAYOUT  
(ONE SIDE CAGE MOUNTING)  
(SCALE 4:1)

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

|                   |             |              |          |
|-------------------|-------------|--------------|----------|
| DRAWN             | J.SI        | DATE         | OCT22/07 |
| DESIGNED          | J.SI        | DATE         | OCT22/07 |
| CHECKED           | X           |              | X        |
| DWG. APPRD.       |             |              |          |
| ENG. REL. NO.     |             |              |          |
| REF.              | X           |              |          |
| DIMENSIONS ARE IN | INCHES [mm] | CODE ID. NO. | 03554    |
| SCALE             | 2:1         | WT.          |          |
| SURF.             |             |              |          |
| SHEET             | 4           | OF           | 4        |

|   |                  |
|---|------------------|
| Amphenol Canada Corp.                                       |                  |
| TITLE   |                  |
| SFP-IPF SINGLE CAGE FOR PCI APPLICATION WITH 20 SOLDER PINS |                  |
| DWG   | DRAWING NO.      |
| A   | P-U77-F131X-X00X |
| REV.  | B                |

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[U77-F1313-3001](#) [U77-F1314-3001](#)

[FCI / Amphenol:](#)

[U77F1314300T](#)