

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.).

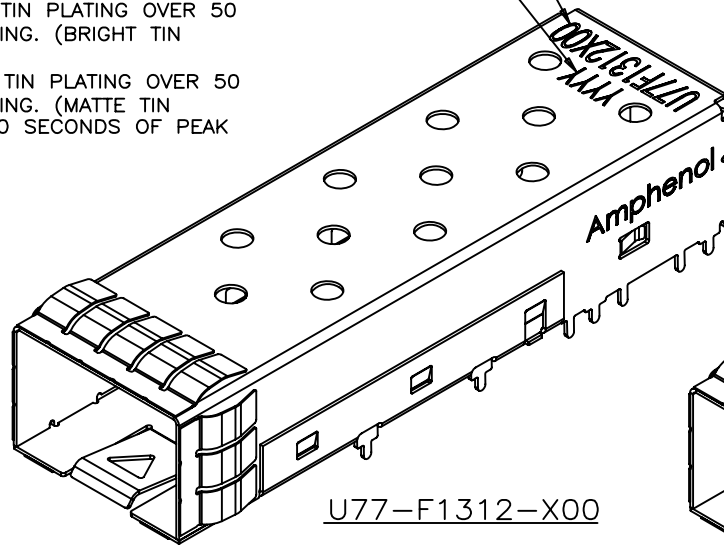
OPTION3: 100μ" [2.54 μm] MIN. MATTE TIN PLATING OVER 50 μ" (1.27 μm) MIN. NICKEL UNDER PLATING. (MATTE TIN SOLDER TEMPERATURE 245°C MAX. IN 10 SECONDS OF PEAK TIME,)

PACKAGING:
TAPE AND REEL OR TRAY PACKAGING.

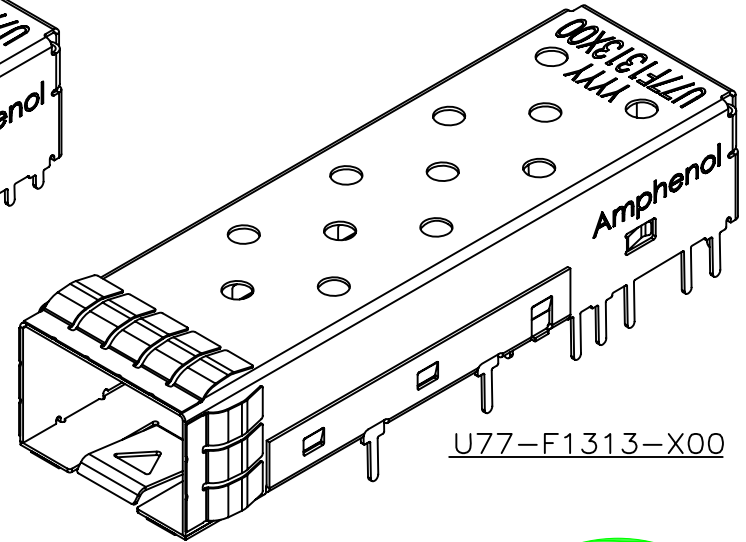
TEMPERATURE RANGE:
-40°C TO +85°C

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

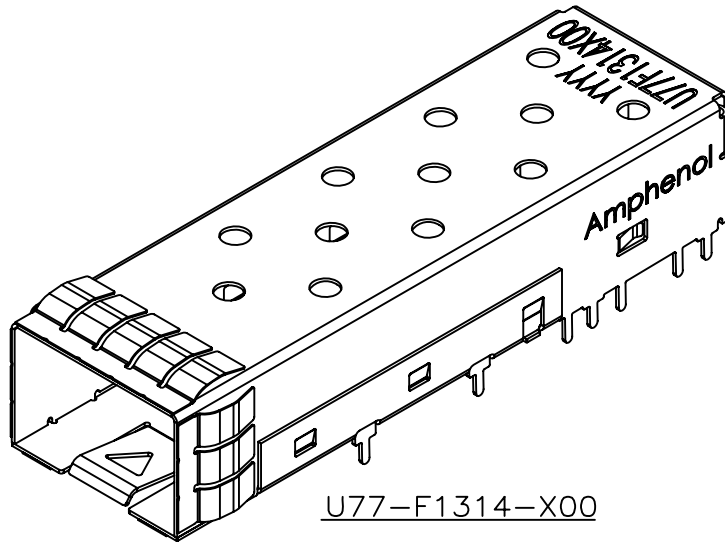
DATE CODE



U77-F1312-X00



U77-F1313-X00



U77-F1314-X00

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



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)

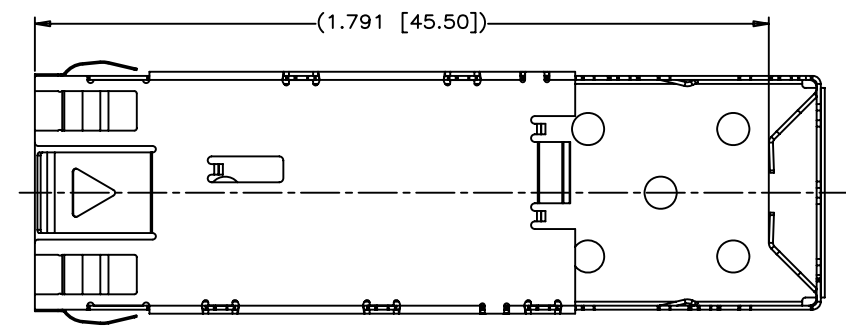
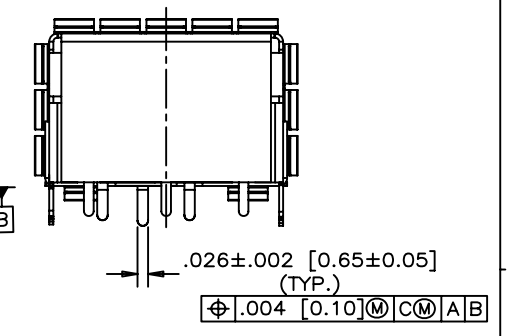
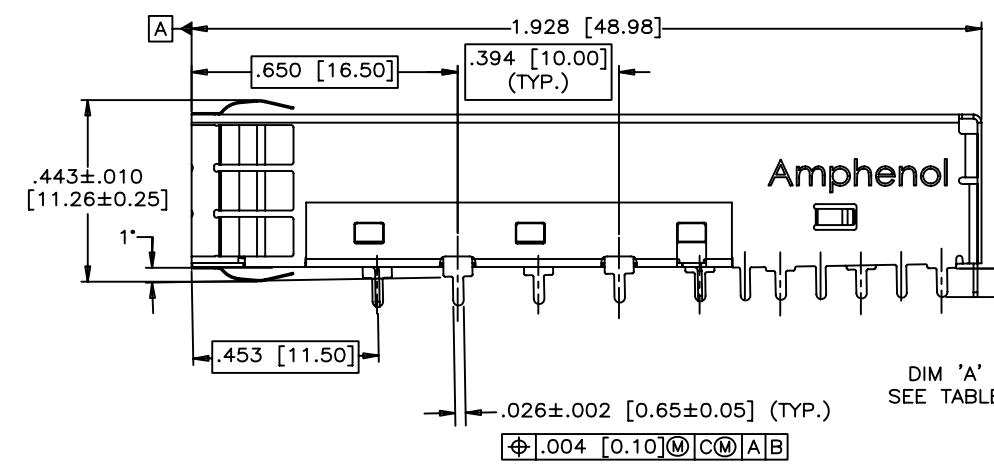
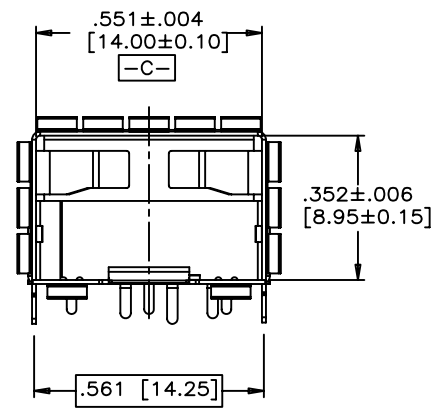
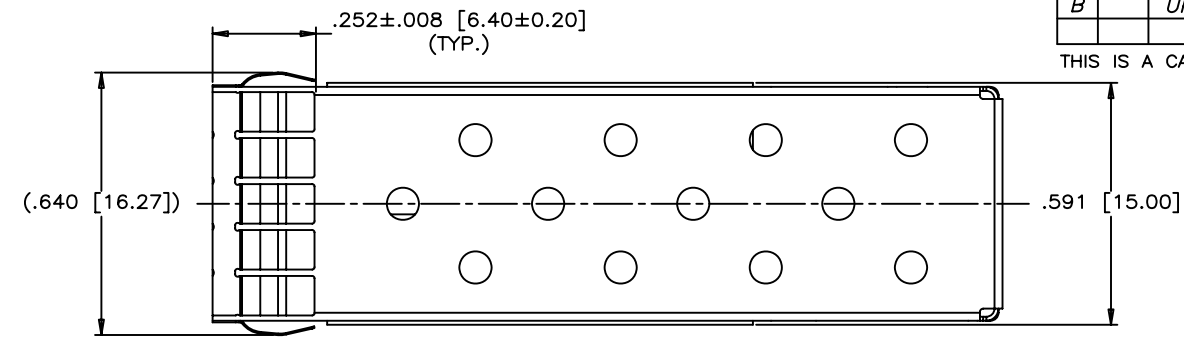
| | | | |
|-------------------|--------------|------|----------|
| DRAWN | J.SI | DATE | OCT22/07 |
| DESIGNED | J.SI | DATE | OCT22/07 |
| CHECKED | X | | |
| DWG. APPRD. | | | |
| ENG. REL. NO. | | | |
| REF. | X | | |
| DIMENSIONS ARE IN | CODE ID. NO. | | |
| INCHES [mm] | 03554 | | |

| | | |
|---|------------------|-------|
| Amphenol Canada Corp. | | |
| TITLE SFP-IPF SINGLE CAGE FOR PCI APPLICATION WITH 20 SOLDER PINS | | |
| DWG | DRAWING NO. | REV. |
| A | P-U77-F131X-X00X | B |
| SCALE | WT. | SURF. |
| 2:1 | | |
| SHEET 1 OF 4 | | |

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

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TABLE

| PART NUMBER | SOLDER TAIL HEIGHT DIM 'A' (mm) |
|----------------|---------------------------------|
| U77-F1312-X00X | 1.20 |
| U77-F1313-X00X | 3.20 |
| U77-F1314-X00X | 1.80 |

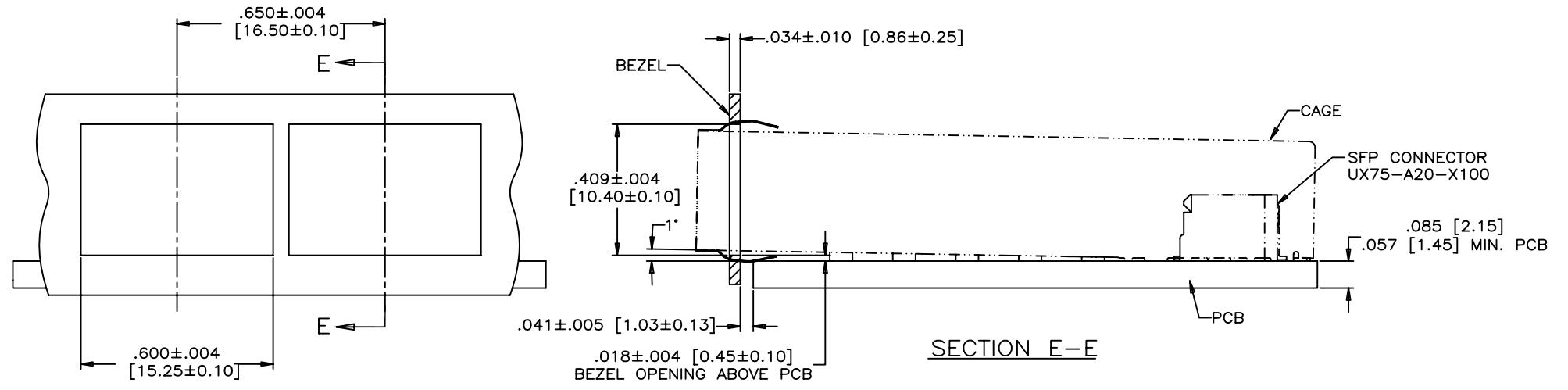
| | | | |
|-------------------|--------------|------|----------|
| DRAWN | J.SI | DATE | OCT22/07 |
| DESIGNED | J.SI | DATE | OCT22/07 |
| CHECKED | X | | |
| DWG. APPRD. | | | |
| ENG. REL. NO. | | | |
| REF. | X | | |
| DIMENSIONS ARE IN | CODE ID. NO. | | |
| INCHES [mm] | 03554 | | |

| | | |
|--|------------------|-------|
| Amphenol Canada Corp. | | |
| TITLE SFP-IPF SINGLE CAGE FOR PCI APPLICATION WITH 20 SOLDER PINS | | |
| DWG | DRAWING NO. | REV. |
| A | P-U77-F131X-X00X | B |
| SCALE | WT. | SURF. |
| 2:1 | | |
| SHEET 2 OF 4 | | |

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| | | | | |

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RECOMMENDED BEZEL DESIGN
(ONE SIDE CAGE MOUNTING)

SECTION E-E

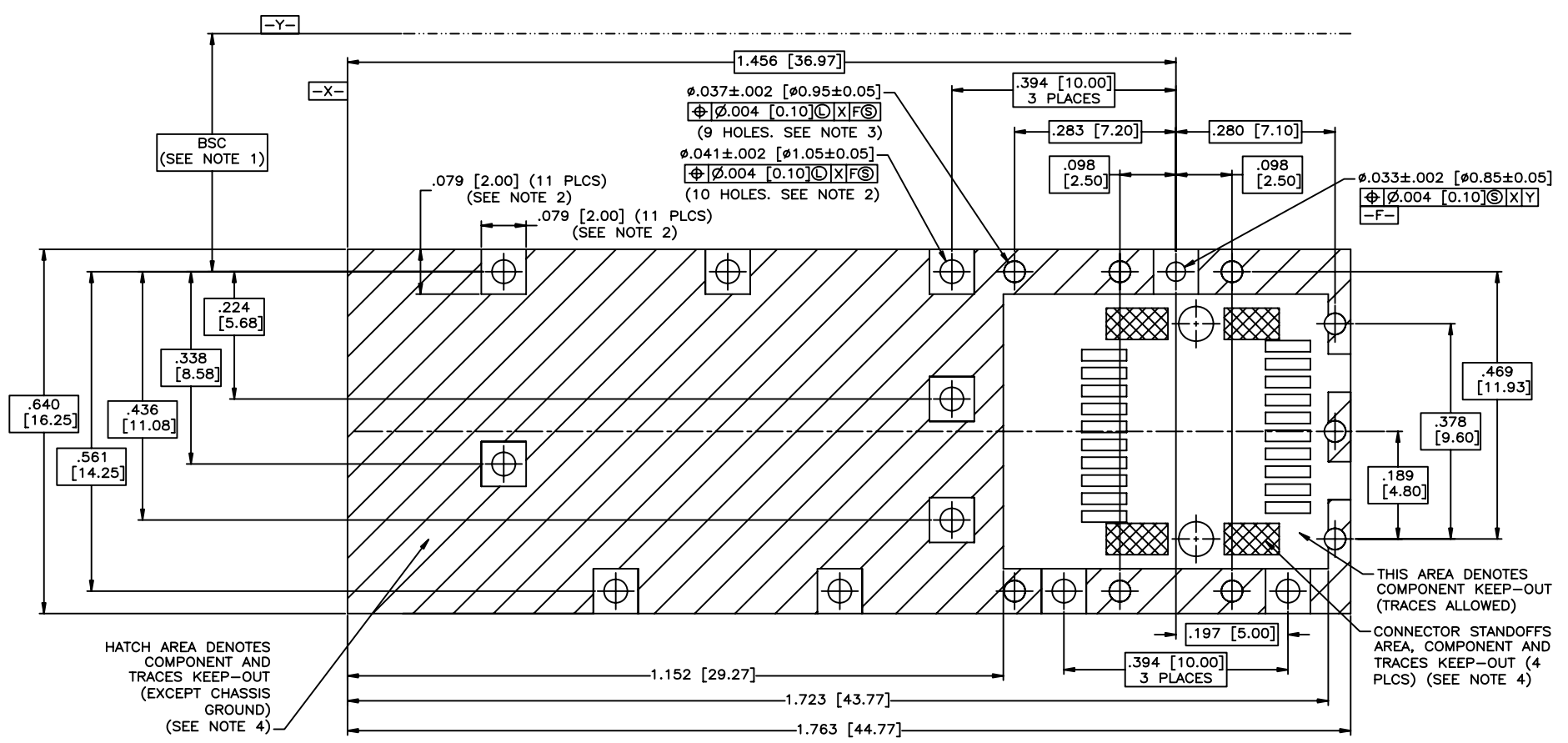
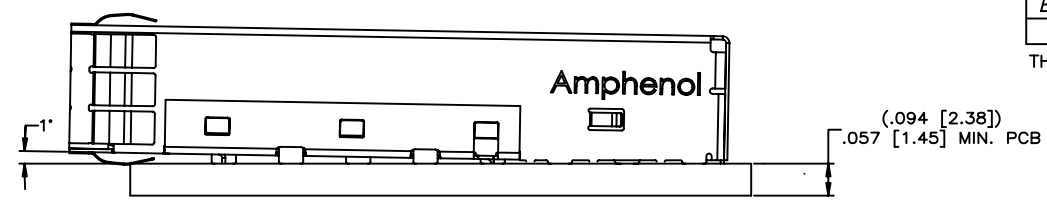
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| | | | | | |
|-------------------|-------------|--------------|----------|---|------------------|
| DRAWN | J.SI | DATE | OCT22/07 | Amphenol Canada Corp. | |
| DESIGNED | J.SI | DATE | OCT22/07 | | |
| CHECKED | X | | X | | |
| DWG. APPRD. | | |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

- 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.

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HATCH AREA DENOTES COMPONENT AND TRACES KEEP-OUT (EXCEPT CHASSIS GROUND) (SEE NOTE 4)

THIS AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)
 CONNECTOR STANDOFFS AREA, COMPONENT AND TRACES KEEP-OUT (4 PLCS) (SEE NOTE 4)

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

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

| | | |
|---|------------------|--------------|
| Amphenol Canada Corp. | | |
| TITLE | | |
| SFP-IPF SINGLE CAGE FOR PCI APPLICATION WITH 20 SOLDER PINS | | |
| DWG | DRAWING NO. | REV. |
| A | P-U77-F131X-X00X | B |
| SCALE | 2:1 | SHEET 4 OF 4 |

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