**Heat Sink Option**

1. **= NO HEAT SINK OR CLIP SHIPPED**
2. **= ROUND PIN STYLE (H=6.5mm; SAN HEIGHT)--(NOT AVAILABLE WITH QUAD LIGHT PIPE)**
3. **= ROUND PIN STYLE (H=4.2mm; PCI HEIGHT)--(NOT AVAILABLE WITH QUAD LIGHT PIPE)**
4. **= ROUND PIN STYLE (H=4.5mm; SAN HEIG HT)**
5. **= SQUARE PIN STYLE (H=4.2mm; PCI HEIG HT)**
6. **= SQUARE PIN STYLE (H=4.2mm; PCI HEIG HT)**
7. **= SQUARE PIN STYLE (H=3.5mm; TALL)**
8. **= SQUARE PIN STYLE (H=4.5mm; SAN HEIG HT)**
9. **= ROUND PIN STYLE FOR SIDE TO SIDE AIR FLOW (H=6.5mm; SAN HEIG HT)**
10. **= ROUND PIN STYLE FOR SIDE TO SIDE AIR FLOW (H=4.2mm; PCI HEIG HT)**
11. **= ROUND PIN STYLE FOR FRONT - BACK AIR FLOW (H=6.94mm)**
12. **= EXTRUDED PIN STYLE FOR FRONT - BACK AIR FLOW (H=8.72mm)**

**Note:** For dimension "H" see sheet 2.

---

**Packaging Option**

1. **= TRAY PACKAGING (LIGHT PIPE AND/OR HEAT SINK SHIPPED LOOSE IF ORDERED)**
2. **= TRAY PACKAGING (LIGHT PIPE AND/OR HEAT SINK ASSEMBLED TO THE CAGE)**

---

**Optional Light Pipe**

1. **= NO LIGHT PIPE**
2. **= DUAL BARREL LIGHT PIPE - ROUND OUTLET**
3. **= SINGLE BARREL LIGHT PIPE - ROUND OUTLET**
4. **= QUAD BARREL LIGHT PIPE - ROUND OUTLET**

---

**Optional Dust Cover**

1. **= WITHOUT DUST COVER**
2. **= WITH DUST COVER (SHIPPED LOOSE PIECE)**

---

**Overview**

- **View with No Light Pipe and No Heat Sink** (P/N U95-T111-1001)
- **View with No Light Pipe and Round Pin Heat Sink (No Dust Cover)** (P/N U95-T151-107A)
- **View with Single Barrel Light Pipe and Round Pin Heat Sink (No Dust Cover)** (P/N U95-T151-1001)
- **View with No Light Pipe and Round Pin Heat Sink** (P/N U95-T111-1001)
- **View with No Light Pipe and Round Pin Heat Sink** (P/N U95-T111-107A)
- **View with No Light Pipe and Round Pin Heat Sink** (P/N U95-T111-1001)
- **View with No Light Pipe and Round Pin Heat Sink** (P/N U95-T111-107A)
- **View with No Light Pipe and Extruded Heat Sink** (P/N U95-T111-1001)
- **View with No Light Pipe and Extruded Heat Sink** (P/N U95-T111-107A)
- **View with No Light Pipe and Extruded Heat Sink** (P/N U95-T111-107A)
- **View with No Light Pipe and Round Pin Heat Sink** (P/N U95-T111-107A)

---

**Amphenol High Speed Interconnects**

A Division of Amphenol Corp., www.amphenol-highspeed.com

**UltraPort QSFP 1X1 Cage Assembly**

Thru Bezel Two Rear Pin

With Heat Sink and Light Pipe Options

---

**Revisions**

- **A.C.:** DRAWN
- **ZLJ:** CHECKED
- **EM:** APPROVED
- **QA:** APPROVED
- **ENG.:** REL. NO.

---

**General Tolerances**

1. **DECIMAL PLACE:** ±0.2
2. **DECIMAL PLACES:** ±0.15
3. **Angular Degrees:** ±1°
NOTES:

1. MATERIAL:
   Cage and EMI spring: Copper alloy
   Cage plating: 2.54μm [100μ"] min. Nickel
   Light pipe: GE LEXAN resin, clear optical grade
   Heat sink: Aluminum alloy, Nickel plated
   Heat sink cup: Stainless steel
   Dust cover: Conductive rubber
   Dust cover is shipped as a loose piece if ordered.

2. Dimension J is in the unplugged state.

3. Dimension J is in the unplugged state.

4. Angular degrees: ±1°
NOTES:
1. DATUMS X AND Y ESTABLISHED BY CUSTOMER'S FIDUCIAL.
2. LOCATION OF EDGE OF PCB IS APPLICATION SPECIFIC.
3. FINISHED HOLE SIZE.
RECOMMENDED BELLY-TO-BELLY PC BOARD LAYOUT

NOTES:
1. DATUMS X AND Y ESTABLISHED BY CUSTOMER'S FIDUCIAL.
2. LOCATION OF EDGE OF PCB IS APPLICATION SPECIFIC.
3. FINISHED HOLLOW SIZE.

THIS AREA DENOTES COMPONENT KEEP-OUT (TRACES ALLOWED)
HATCHED AREA DENOTES COMPONENT AND TRACE KEEP-OUT (EXCEPT CHASSIS GROUND)

SURFACE TRACES PERMITTED WITHIN THIS SHADED AREA

SURFACE TRACES PERMITTED WITHIN THIS SHADED AREA

TRACES ALLOWED
COMPONENT KEEP-OUT
THIS AREA DENOTES
SURFACE TRACES PERMITTED
A