

AMPHENOL PART NUMBER CONFIGURATION
U95 - T4X1 - 1XXX

| REVISIONS | | | |
|-----------|---|-----------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| A | PRELIMINARY | JUL12/13 | ZLJ |
| B | UPDATED FOOTPRINT, ADDED OPTIONS | APR 23/14 | A.C. |
| C | NEW OPTIONS - VIEWS, CONSOLIDATED PAGES 5-7 | SEP 23/14 | A.C. |
| D | UPDATED LP CENTER POS. AND PART NO. ON PAGE2 | NOV 27/14 | A.C. |
| E | ADDED HEAT SINK OPTIONS | JAN 19/15 | A.C. |
| F | COMPLIANT PIN SHORTENED FOR THINNER B2B PCB APPLICATION | MAY 7/15 | A.C. |

HEAT SINK OPTION

- 1 = NO HEAT SINK OR CLIP SHIPPED
5 = ROUND PIN STYLE (H=6.5mm; SAN HEIGHT)--(NOT AVAILABLE WITH QUAD LIGHT PIPE)
6 = ROUND PIN STYLE (H=4.2mm; PCI HEIGHT)--(NOT AVAILABLE WITH QUAD LIGHT PIPE)
7 = ROUND PIN STYLE (H=13.5mm; TALL)--(NOT AVAILABLE WITH QUAD LIGHT PIPE)
A = SQUARE PIN STYLE (H=6.5mm; SAN HEIGHT)
B = SQUARE PIN STYLE (H=4.2mm; PCI HEIGHT)
C = SQUARE PIN STYLE (H=13.5mm; TALL)
N = PIN-FIN STYLE FOR SIDE TO SIDE AIR FLOW (H=6.5mm; SAN HEIGHT)
P = PIN-FIN STYLE FOR SIDE TO SIDE AIR FLOW (H=4.2mm; PCI HEIGHT)
R = PIN-FIN STYLE FOR SIDE TO SIDE AIR FLOW (H=13.5mm; TALL)
Y = EXTRUDED FIN STYLE FOR FRONT - BACK AIR FLOW (H=6.94mm)
W = EXTRUDED FIN STYLE FOR FRONT - BACK AIR FLOW (H=8.72mm)

PACKAGING OPTIONS

- 1 = TRAY PACKAGING, (FOR HEAT SINK OPTION 1 "OPEN TOP" ONLY)
A = TRAY PACKAGING, (HEAT SINK & CLIP SHIPPED ASSEMBLED, IF ORDERED)

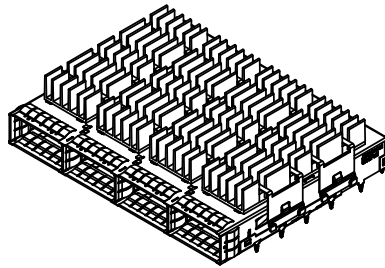
LIGHT PIPE AND BEHIND BEZEL COVER OPTIONS

- 0 = WITHOUT LIGHT PIPE
1 = WITH DUAL ROUND LIGHT PIPE
4 = WITH QUAD ROUND LIGHT PIPE
7 = WITH SINGLE ROUND LIGHT PIPE

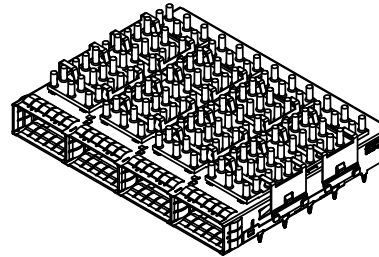
OPTIONAL DUST COVER

- 0 = WITHOUT DUST COVER
D = WITH DUST COVER (SHIPPED AS LOOSE PIECE)

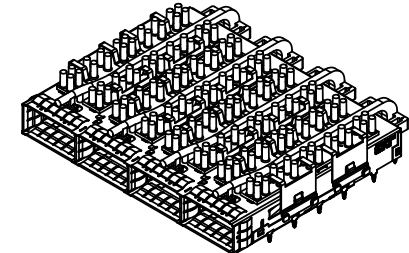
NOTE: FOR DIMENSION "H" SEE SHEET 2



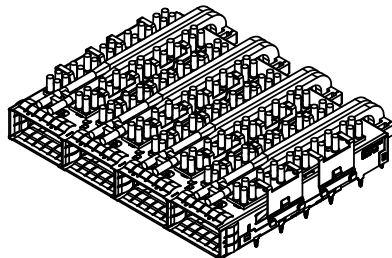
VIEW WITH NO LIGHT PIPE
AND EXTRUDED HEAT SINK
U95-T4W1-100A



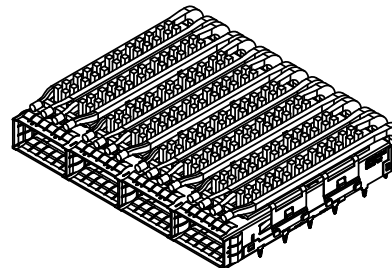
VIEW WITH NO LIGHT PIPE
AND ROUND PIN HEAT SINK
U95-T451-100A



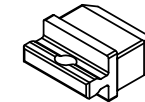
VIEW WITH SINGLE BARREL LIGHT PIPE
AND ROUND PIN HEAT SINK
U95-T451-107A



VIEW WITH DUAL BARREL LIGHT PIPE
AND ROUND PIN HEAT SINK
U95-T451-101A



VIEW WITH QUAD BARREL LIGHT PIPE
AND SQUARE PIN HEAT SINK
U95-T4A1-104A



CONDUCTIVE DUST COVER
SHOWN (OPTIONAL)
(P/N U90-1401-8000-BP)

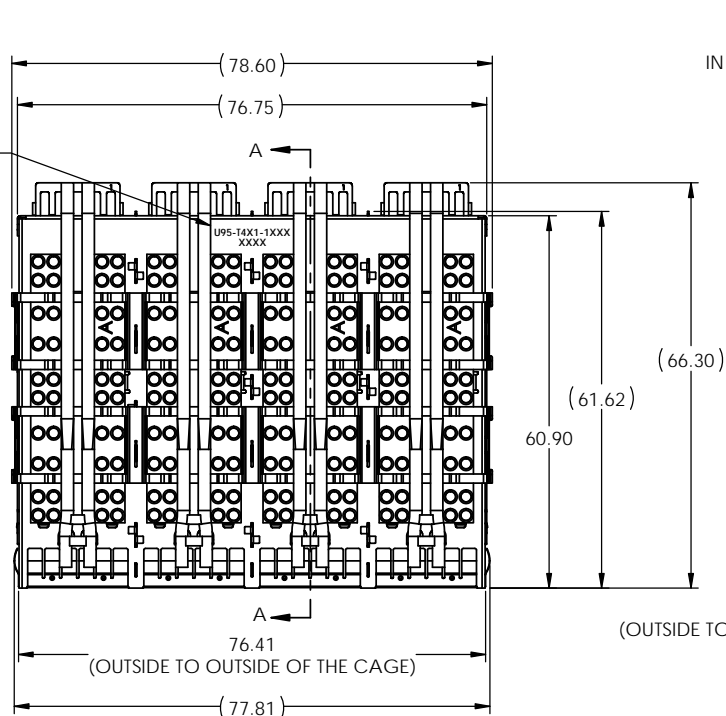


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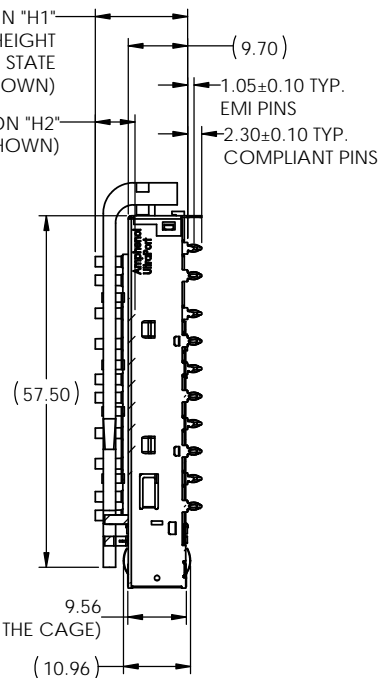
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|---|--|--|-------------------|---|--------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS X.X ± 0.2 X.XX ± 0.15 MATERIAL AND FINISH SEE NOTE 1 REF. CODE IDENT. NO. 03554 | | APPROVALS DRAWN J. NICKEL DESIGNED CHECKED C/A APPD E APPD DWG APPD | DATE APR 22/14 | Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-hsiproduct.com | |
| | | TITLE UltraPort QSFP 1x4 CAGE ASSEMBLY THROUGH BEZEL, WITH ONE REAR PIN WITH HEAT SINK OPTIONS WITH LIGHT PIPE OPTIONS | | SIZE A3 | REV. F |
| | | SCALE 1:1.25 | PROJECT | SHEET 1 OF 5 | |

PART NUMBER
DATE CODE

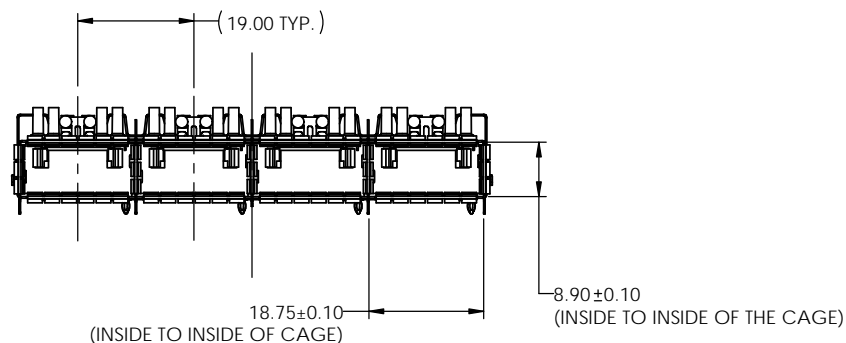


DIMENSION "H1"
NOMINAL HEIGHT
IN UNPLUGGED STATE
(15.10 SHOWN)

DIMENSION "H2"
(6.50 SHOWN)



SECTION A-A
SCALE 1.25 : 1



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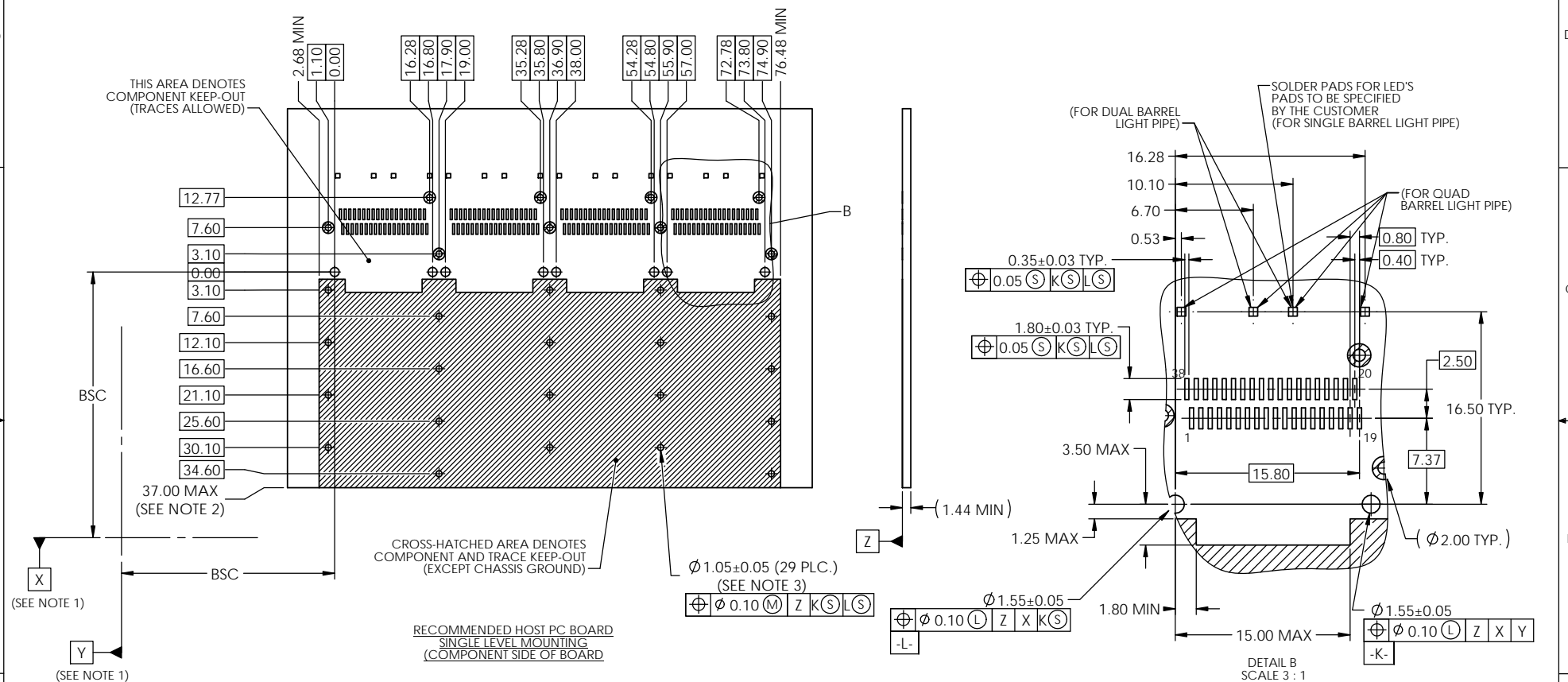
NOTES:

- MATERIAL:
CAGE AND EMI SPRINGS: COPPER ALLOY
CAGE PLATING: 2.54um [100u"] MIN. NICKEL
DUST COVER: CONDUCTIVE RUBBER
HEAT SINK CLIP: STAINLESS STEEL
HEAT SINK: NICKEL PLATED ALUMINUM ALLOY
LIGHT PIPE: GE LEXAN, OPTICAL GRADE
- AMPHENOL PART NUMBER U95-T451-107A IS SHOWN ON THIS PAGE.

DIMENSION "H1" SHOWN IN UNPLUGGED STATE

| PART NUMBER | DIM. "H1" | DIM. "H2" |
|--------------------|-----------|-----------|
| U95-T4(N, A)1-1XXX | 15.10 | 6.50 |
| U95-T4(P, B)1-1XXX | 12.80 | 4.20 |
| U95-T4(R, C)1-1XXX | 22.10 | 13.50 |
| U95-T4W1-1XXX | 17.32 | 8.72 |
| U95-T4Y1-1XXX | 15.54 | 6.94 |

| | | | | | | |
|--|-----------------|--------------------|----------|-----------|--|-----------------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: | | APPROVALS | | DATE | Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-hs.com | |
| DECIMALS XX±0.2 XXX±0.15 | ANGLES ±1.0° | DRAWN J. NICKEL | DESIGNED | APR 22/14 | TITLE UltraPort QSFP 1x4 CAGE ASSEMBLY THROUGH BEZEL, WITH ONE REAR PIN WITH HEAT SINK OPTIONS WITH LIGHT PIPE OPTIONS | |
| MATERIAL AND FINISH SEE NOTE 1 | | CHECKED | QA APPD | | | |
| REF. | | E APPD | | | | |
| CODE IDENT. NO. 03554 | | DWG APPD | | | SIZE A3 | REV F |
| | | | | | SCALE 1.25:1 | SHEET 2 OF 5 |



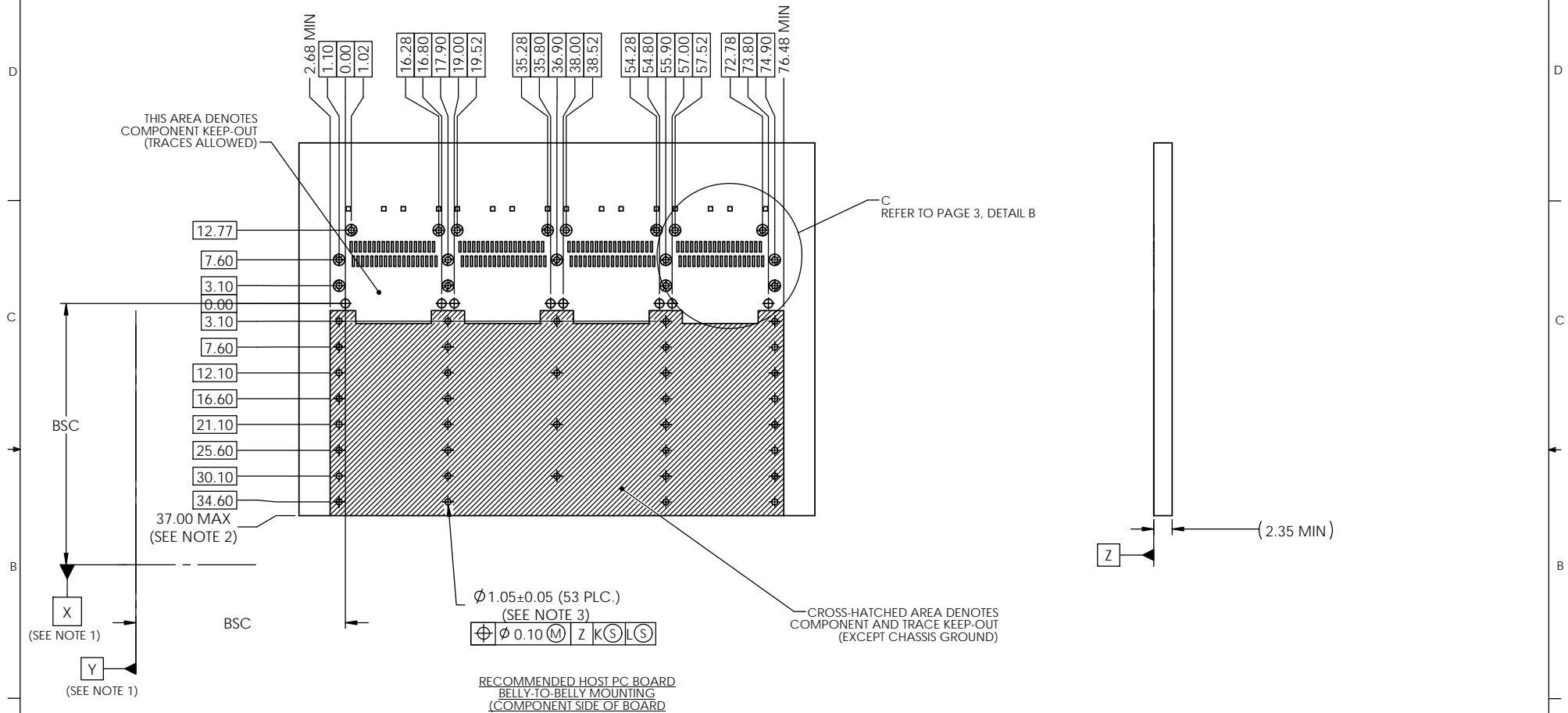
NOTES:

- DATUM X AND Y ESTABLISHED BY CUSTOMER'S FIDUCIAL.
- LOCATION OF EDGE OF PCB IS APPLICATION SPECIFIC.
- FINISHED HOLE SIZE.

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| DECIMALS X.X ± 0.2 X.XX ± 0.15 | | ANGLES $\pm 1.0^\circ$ | | DRAWN J. NICKEL | | APR 22/14 | |
| MATERIAL AND FINISH | | DESIGNED | | CHECKED | | TITLE | |
| SEE NOTE 1 | | QA APPD | | E APPD | | UltraPort QSFP 1x4 CAGE ASSEMBLY THROUGH BEZEL, WITH ONE REAR PIN WITH HEAT SINK OPTIONS WITH LIGHT PIPE OPTIONS | |
| REF. | | E APPD | | SIZE A3 | | DWG. NO. P-U95-T4X1-1XXX | |
| CODE IDENT. NO. 03554 | | DWG APPD | | SCALE 3:2 | | PROJECT | |
| | | | | | | REV. F | |
| | | | | | | SHEET 3 OF 5 | |



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| | | DRAWN J. NICKEL | | APR 22/14 | | TITLE UltraPort QSFP 1x4 CAGE ASSEMBLY THROUGH BEZEL, WITH ONE REAR PIN WITH HEAT SINK OPTIONS WITH LIGHT PIPE OPTIONS | | | | | |
| | | DESIGNED | | | | | | | | | |
| | | CHECKED | | | | | | | | | |
| | | CA APPD | | | | SIZE A3 | | DWG. NO. P-U95-T4X1-1XXX | | REV. F | |
| | | E APPD | | | | | | | | | |
| CODE IDENT. NO. 03554 | | DWG APPD | | | | SCALE 3:2 | | PROJECT | | SHEET 4 OF 5 | |

