REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	INITIAL RELEASE	JUL. 5/13	ZLJ
B	SHOW DUST COVER, UPDATE NOTES	AUG. 2/13	ZLJ
C	UPDATED LIGHT PIPE OPTIONS	OCT. 24/13	AC
D	TITLE BOX HEADING UPDATED	NOV. 05/13	KH

AMPHENOL PART NUMBER CONFIGURATION
U95 - T 1 X 1 -1 X X X

HEAT SINK OPTION

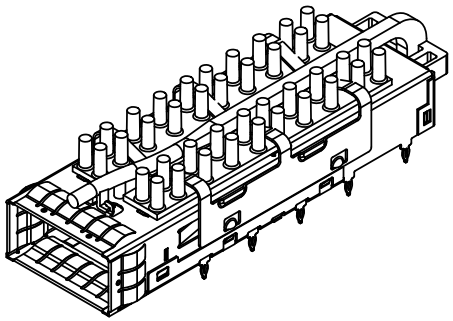
1 = NO HEAT SINK OR CLIP SHIPPED
5 = PIN STYLE HEAT SINK AND CLIP (H=6.5mm; SAN HEIGHT)
6 = PIN STYLE HEAT SINK AND CLIP (H=4.2mm; PCI HEIGHT)
7 = PIN STYLE HEAT SINK AND CLIP (H=13.5mm; TALL)
N = PIN-FIN HEAT SINK (NICKEL PLATED) AND CLIP (H=6.5mm; SAN HEIGHT)
P = PIN-FIN HEAT SINK (NICKEL PLATED) AND CLIP (H=4.2mm; PCI HEIGHT)
R = PIN-FIN HEAT SINK (NICKEL PLATED) AND CLIP (H=13.5mm; TALL)
Y = EXTRUDED CUSTOM HEAT SINK FOR FRONT TO BACK AIR FLOW (NICKEL PLATED) AND CLIP (H=6.94mm)
W = EXTRUDED CUSTOM HEAT SINK FOR FRONT TO BACK AIR FLOW (NICKEL PLATED) AND CLIP (H=8.72mm)

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

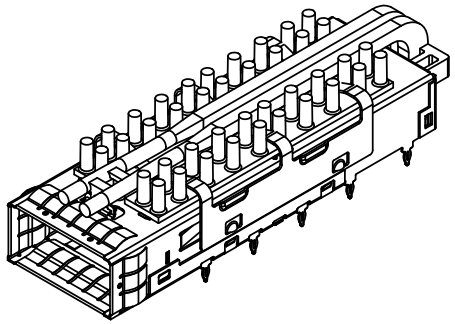
OPTIONAL LIGHT PIPE
0 = NO LIGHT PIPE
1 = DUAL BARREL LIGHT PIPE - ROUND OUTLET
7 = SINGLE BARREL LIGHT PIPE - ROUND OUTLET

OPTIONAL DUST COVER (CONDUCTIVE)
0 = WITHOUT DUST COVER
D= WITH DUST COVER (SHIPPED LOOSE PIECE)

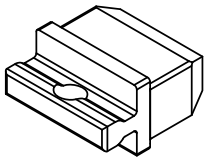
NOTE: FOR DIMENSION "H" SEE SHEET 2



VIEW WITH SINGLE BARREL LIGHT PIPE AND ROUND PIN HEAT SINK (NO DUST COVER)
(P/N U95-T151-107A)



VIEW WITH DUAL BARREL LIGHT PIPE AND ROUND PIN HEAT SINK (NO DUST COVER)
(P/N U95-T151-101A)



CONDUCTIVE DUST COVER SHOWN (OPTIONAL)

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UNIT MILLIMETERS	CHECKED	ZLJ	JUL5/13
REFERENCE IN PARENTHESES	M.E. APP'D		
	Q.A. APP'D		
GENERAL TOLERANCES	DWG APP'D	ZLJ	JUL5/13
1 DECIMAL PLACE ±0.2	ENG. REL. NO.	-	
2 DECIMAL PLACES ±0.15	REF.		
ANGULAR DEGREES ±1°	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	

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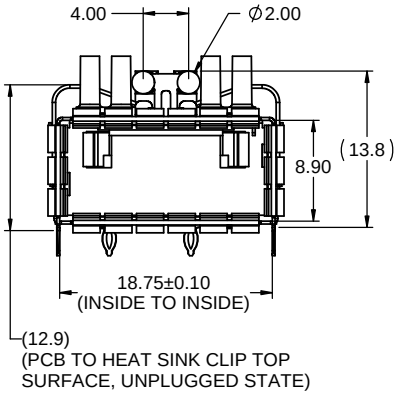
UltraPort QSFP 1X1 CAGE ASSEMBLY THRU BEZEL WITH HEAT SINK OPTIONS AND LIGHT PIPE OPTIONS

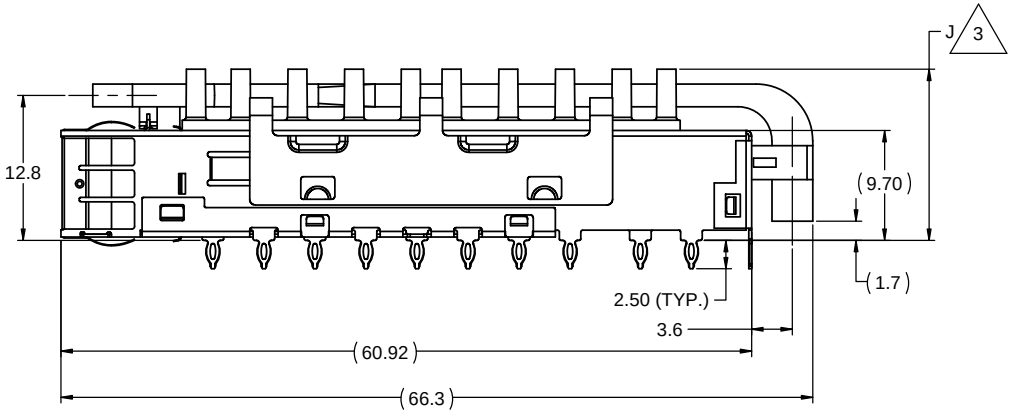
DWG. NO. P-U95-T1X1-1XXX REV D

CODE ID NO. 03554 | DWG SIZE: C | SCALE: 3:1 | SHEET 1 OF 5

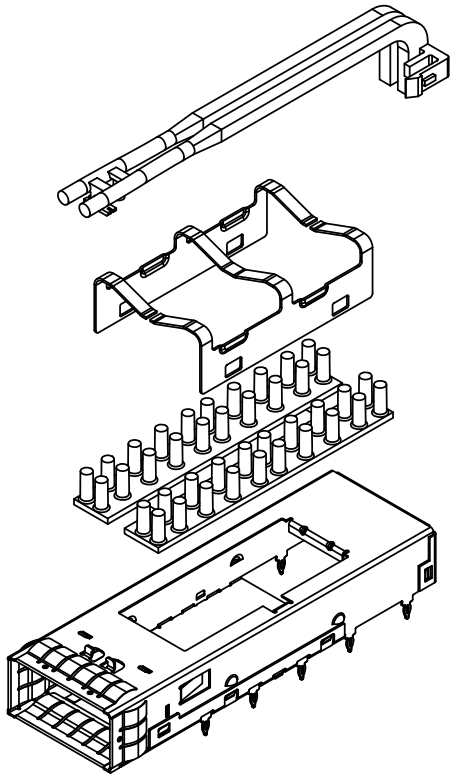
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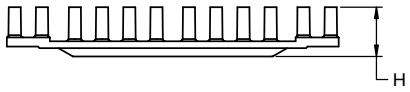
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	INITIAL RELEASE	JUL. 5/13	ZLJ
B	SHOW DUST COVER, UPDATE NOTES	AUG. 2/13	ZLJ
C	UDPATED LIGHT PIPE OPTIONS	OCT. 24/13	AC
D	TITLE BOX HEADING UPDATED	NOV. 05/13	KH

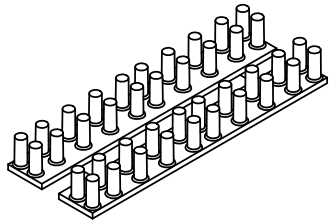




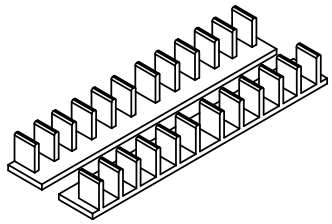
VIEW WITH DUAL BARREL LIGHT PIPE
AND ROUND PIN HEAT SINK
(NO DUST COVER)
(P/N U95-T151-101A)



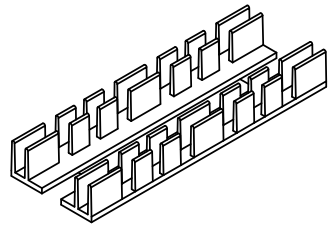




HEAT SINK FOR U95-T15(6,7)1-1X(1,7)X



HEAT SINK FOR U95-T1N(P,R)1-1X(1,7)X



HEAT SINK FOR U95-T1Y(W)1-1X(1,7)X

PART NUMBER	DIM "J"	DIM "H"
U95-T15(N)1-1XXX	15.03	6.50
U95-T16(P)1-1XXX	12.73	4.20
U95-T17(R)1-1XXX	22.03	13.50
U95-T1Y1-1XXX	15.47	6.94
U95-T1W1-1XXX	17.25	8.72

NOTES:

1. MATERIAL:
   CAGE AND EMI SPRINGS: COPPER ALLOY
   CAGE PLATING: 3.81µm [100µ"] MIN. NICKEL.
   LIGHT PIPE: GE LEXAN RESIN, CLEAR OPTICAL GRADE
   HEAT SINK: ALUMINUM ALLOY
   HEAT SINK CLIP: STEEL ALLOY
   DUST COVER: CONDUCTIVE RUBBER
2. DUST COVER IS SHIPPED AS A LOOSE PIECE IF ORDERED.
3. DIMENSION "J" IS IN THE UNPLUGGED STATE

AMPHENOL CANADA CORP. RoHS COMPLIANT 2011/65/EU RECAST

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UNLESS SPECIFIED OTHERWISE	DRAWN	A.C.	JUL5/13
UNIT MILLIMETERS	CHECKED	ZLJ	JUL5/13
REFERENCE IN PARENTHESES	M.E. APP'D		
	Q.A. APP'D		
GENERAL TOLERANCES	DWG APP'D	ZLJ	JUL5/13
1 DECIMAL PLACE ±0.2	ENG. REL. NO.	-	
2 DECIMAL PLACES ±0.15	REF.		
ANGULAR DEGREES ±1°	THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING

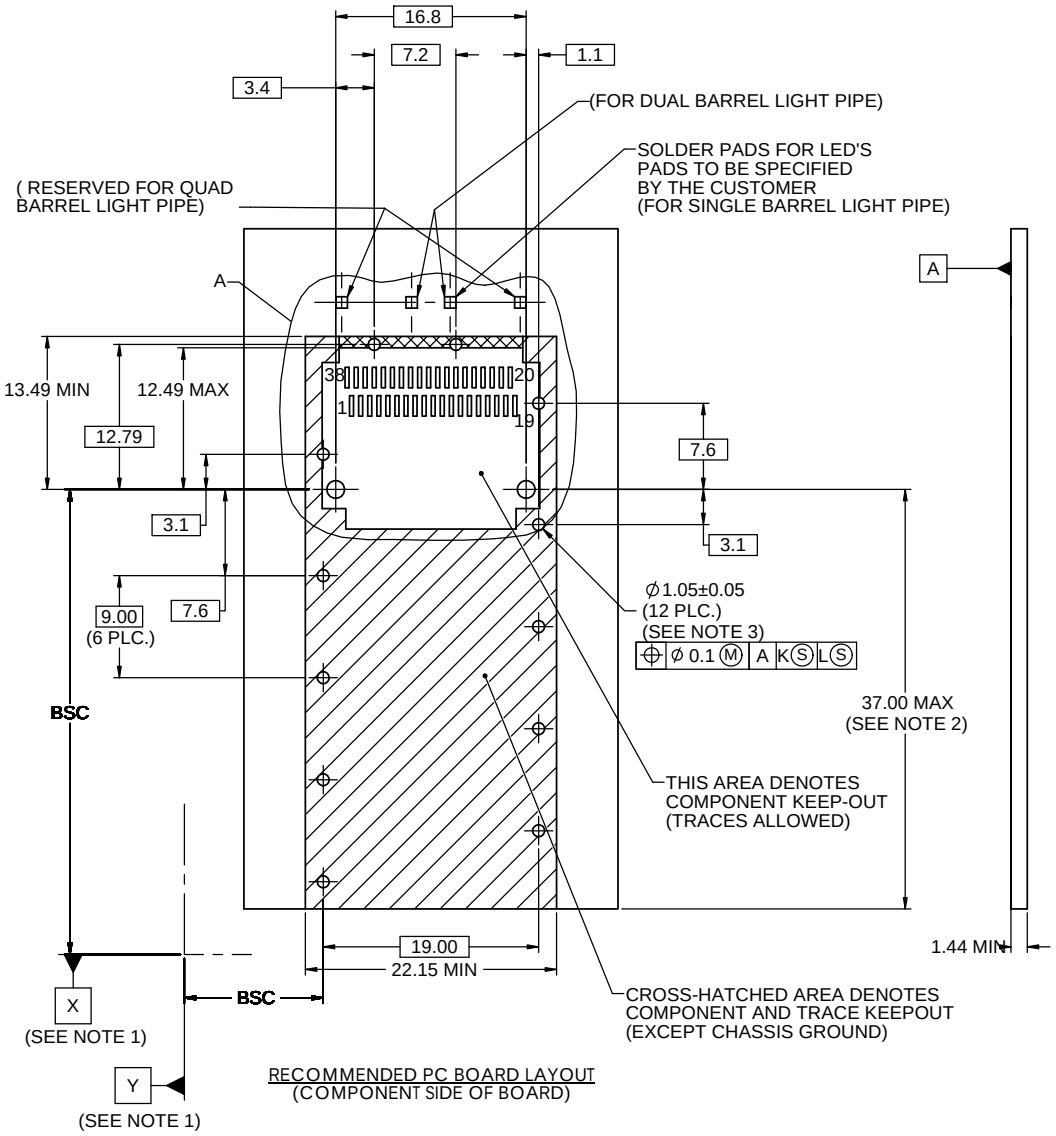
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UltraPort QSFP 1X1 CAGE ASSEMBLY THRU BEZEL WITH HEAT SINK OPTIONS AND LIGHT PIPE OPTIONS

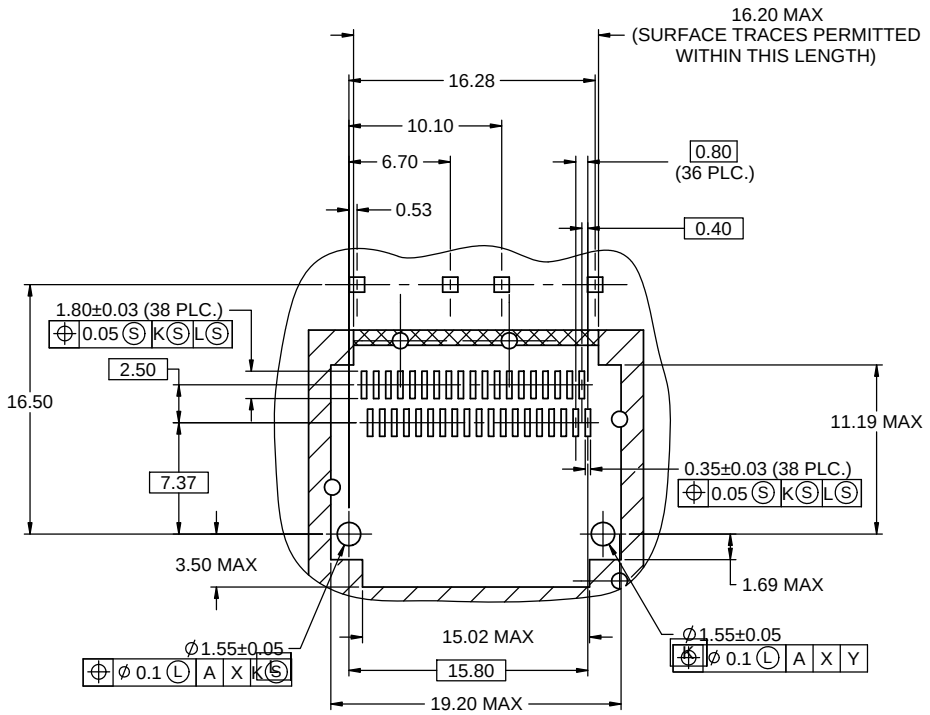
DWG. NO. P-U95-T1X1-1XXX REV D

CODE ID NO. 03554 | DWG SIZE: C | SCALE: 3:1 | SHEET 2 OF 5

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	INITIAL RELEASE	JUL. 5/13	ZLJ
B	SHOW DUST COVER, UPDATE NOTES	AUG. 2/13	ZLJ
C	UPDATED LIGHT PIPE OPTIONS	OCT. 24/13	AC
D	TITLE BAX HEADING UPDATED	NOV. 05/13	KH



RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE OF BOARD)



DETAIL A
SCALE 4 : 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.

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GENERAL TOLERANCES	DWG APP'D	ZLJ	JUL5/13
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2 DECIMAL PLACES ±0.15	REF.		
ANGULAR DEGREES ±1°	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	

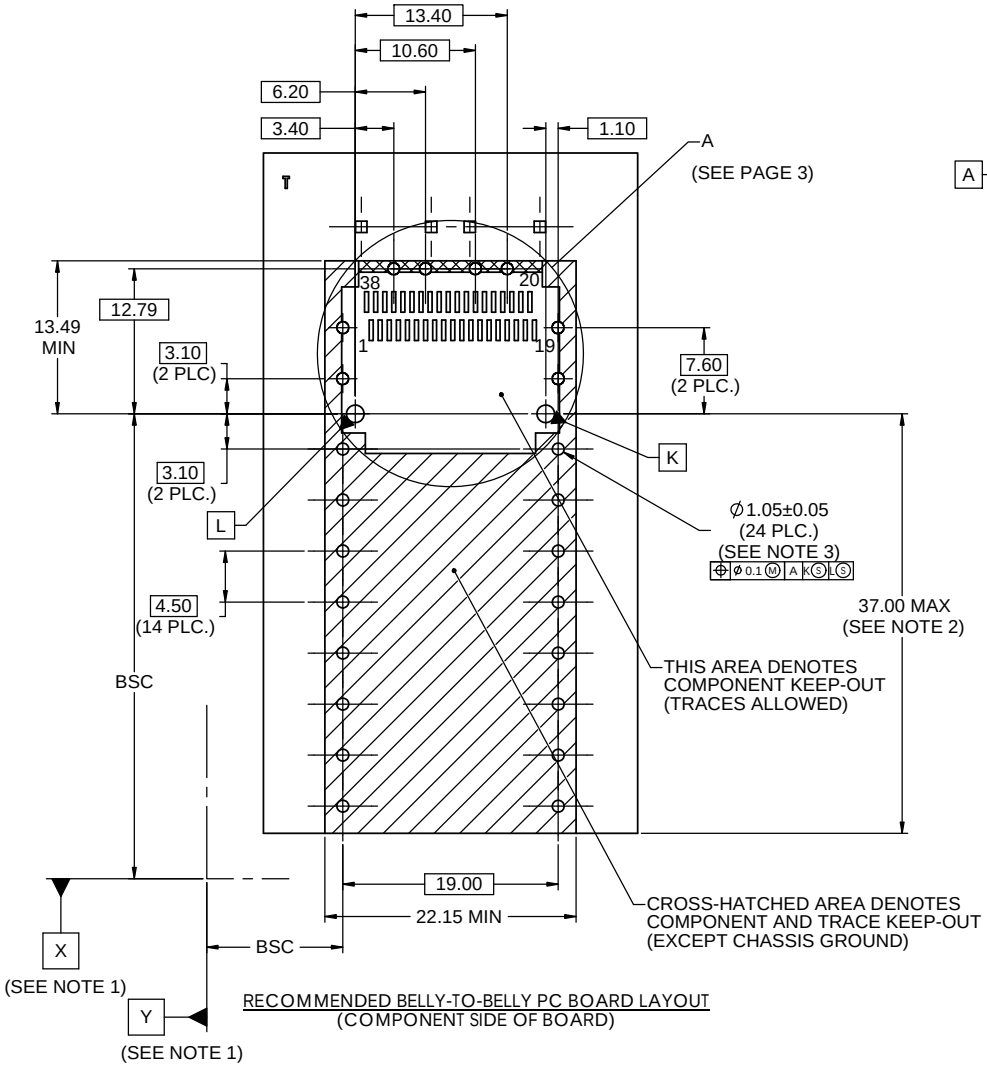
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UltraPort QSFP 1X1 CAGE ASSEMBLY THRU BEZEL WITH HEAT SINK OPTIONS AND LIGHT PIPE OPTIONS

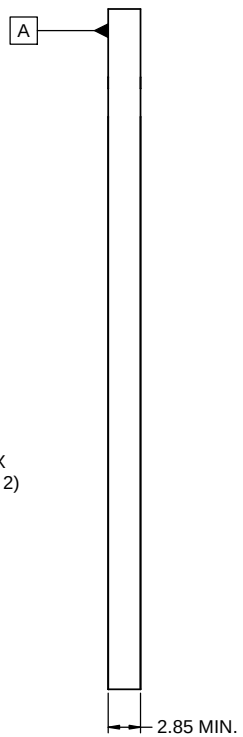
DWG. NO.	REV
P-U95-T1X1-1XXX	D

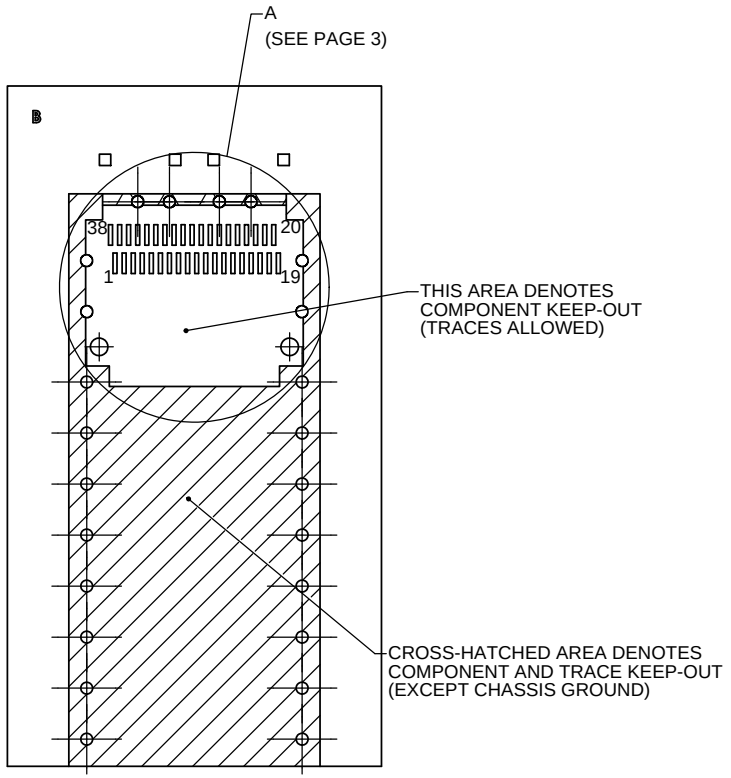
CODE ID NO.	DWG SIZE	SCALE	SHEET
03554	C	3:1	3 OF 5

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	INITIAL RELEASE	JUL. 5/13	ZLJ
B	SHOW DUST COVER, UPDATE NOTES	AUG. 2/13	ZLJ
C	UPDATED LIGHT PIPE OPTIONS	OCT. 24/13	AC
D	TITLE BOX HEADING UPDATED	NOV. 05/13	KH



RECOMMENDED BELLY-TO-BELLY PC BOARD LAYOUT
(COMPONENT SIDE OF BOARD)





NOTES:

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

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GENERAL TOLERANCES	DWG APP'D	ZLJ	JUL5/13
1 DECIMAL PLACE ±0.2	ENG. REL. NO.	-	
2 DECIMAL PLACES ±0.15	REF.		
ANGULAR DEGREES ±1°	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	

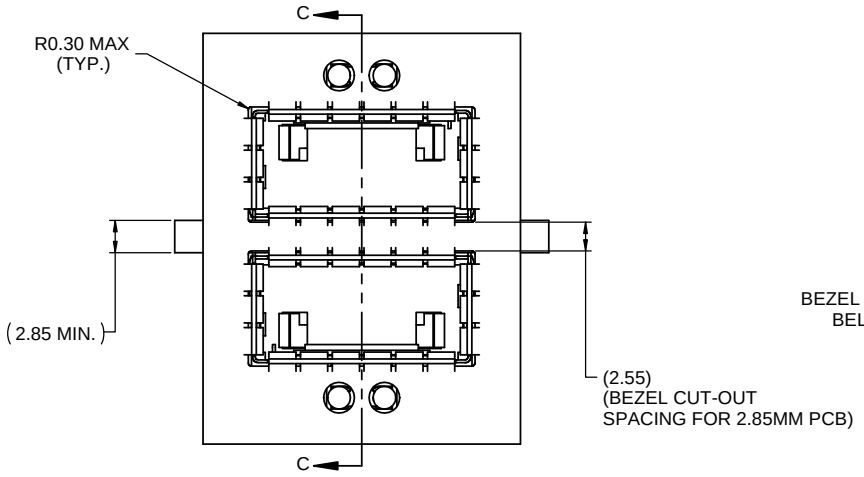
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UltraPort QSFP 1X1 CAGE ASSEMBLY THRU BEZEL WITH HEAT SINK OPTIONS AND LIGHT PIPE OPTIONS

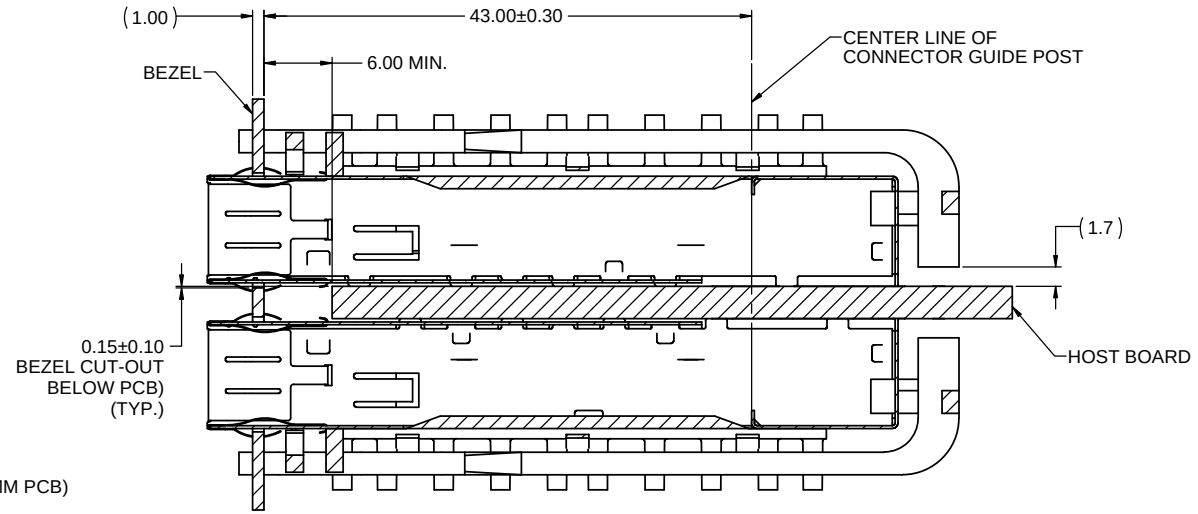
DWG. NO.	REV
P-U95-T1X1-1XXX	D

CODE ID NO. 03554 | DWG SIZE: C | SCALE: 3:1 | SHEET 4 OF 5

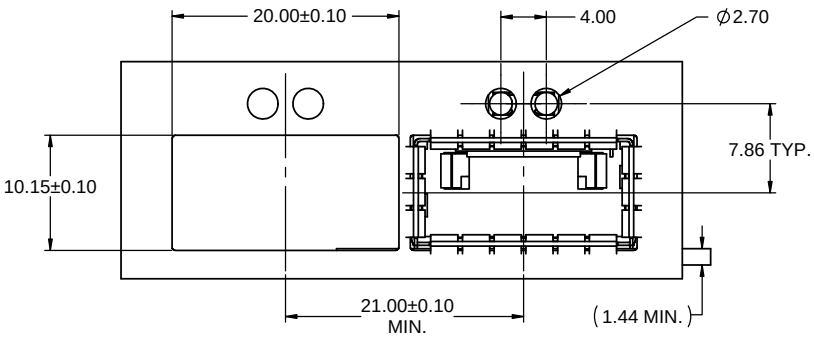
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	INITIAL RELEASE	JUL. 5/13	ZLJ
B	SHOW DUST COVER, UPDATE NOTES	AUG. 2/13	ZLJ
C	UPDATED LIGHT PIPE OPTIONS	OCT. 24/13	AC
D	TITLE BOX HEADING UPDATED	NOV. 05/13	KH



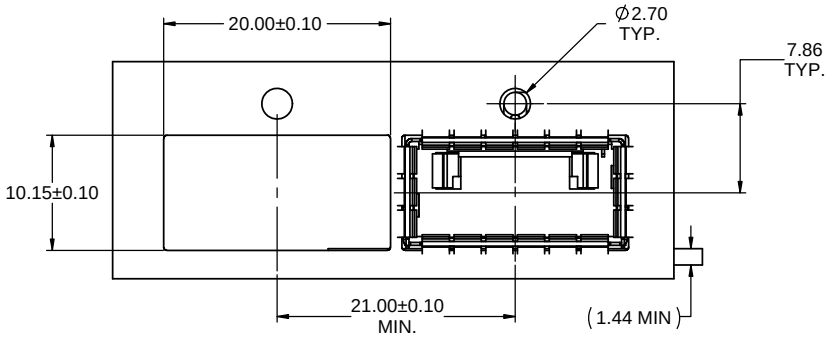
RECOMMENDED BELLY-TO-BELLY MOUNTING DESIGN



SECTION C-C



RECOMMENDED SINGLE SIDED MOUNTING DESIGN
FOR DUAL LIGHT PIPE



RECOMMENDED SINGLE SIDED MOUNTING DESIGN
FOR SINGLE LIGHT PIPE

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2011/65/EU RECAST

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ANGULAR DEGREES ±1°	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	

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UltraPort QSFP 1X1 CAGE ASSEMBLY THRU BEZEL WITH HEAT SINK OPTIONS AND LIGHT PIPE OPTIONS

DWG. NO. P-U95-T1X1-1XXX REV D

CODE ID NO. 03554 | DWG SIZE: C | SCALE: 3:1 | SHEET 5 OF 5

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