REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
G	UPDATED	OCT.12, 17	A.Z
H	ADD OPTIONS	MAR.20, 18	A.Z
J	ADD OPTIONS	DEC, 25, 18	A.Z

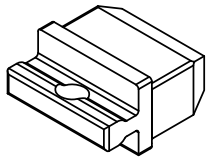
AMPHENOL PART NUMBER CONFIGURATION

UE36 - B1620 X -06 XX X

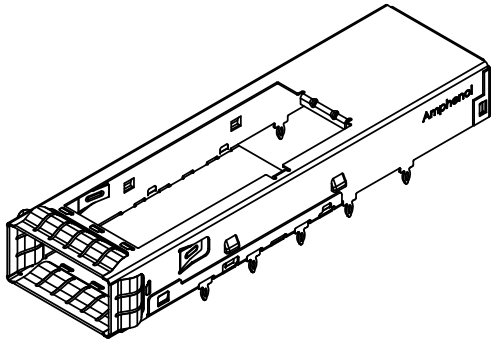
VENTING OPTION
0 = STANDARD
1 = SMALL TOP OPENING

PACKAGING OPTION
1= TRAY PACKAGING(HEAT SINK AND CLIP SHIPPED LOOSE)
A= TRAY PACKAGING(HEAT SINK AND CLIP SHIPPED ASSEMBLED)
2= BASED ON "A", WITH DUST COVER

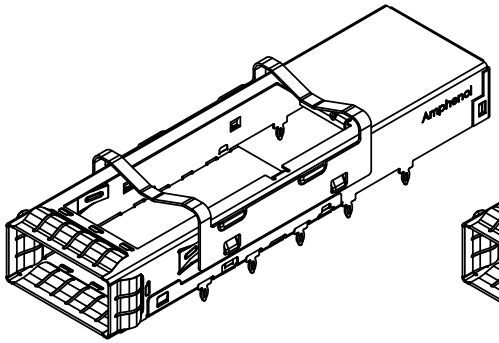
HEAT SINK OPTIONS
00= NO HEAT SINK
01= NO HEAT SINK, WITH CLIP
A2= WITH FIN PIN STYLE HEAT SINK(H=4.2MM; PCI HEIGHT, FRONT-BACK AIR FLOW)
A3= WITH FIN PIN STYLE HEAT SINK(H=6.5MM; SAN HEIGHT, FRONT-BACK AIR FLOW)
A4= WITH FIN PIN STYLE HEAT SINK(H=13.5MM; TALL HEIGHT, FRONT-BACK AIR FLOW)
A5= WITH FIN PIN STYLE HEAT SINK(H=4.5MM; SPECIAL HEIGHT)
A6= WITH FIN PIN STYLE HEAT SINK(H=21.5MM; SPECIAL HEIGHT)
B2= WITH SQUARE PIN STYLE HEAT SINK(H=4.2MM; PCI HEIGHT)
B3= WITH SQUARE PIN STYLE HEAT SINK(H=6.5MM; SAN HEIGHT)
B4= WITH SQUARE PIN STYLE HEAT SINK(H=13.5MM; TALL HEIGHT)
C2= WITH FIN PIN STYLE HEAT SINK(H=4.2MM; PCI HEIGHT, SIDE TO SIDE AIR FLOW)
C3= WITH FIN PIN STYLE HEAT SINK(H=6.5MM; SAN HEIGHT, SIDE TO SIDE AIR FLOW)
C4= WITH FIN PIN STYLE HEAT SINK(H=13.5MM; TALL HEIGHT, SIDE TO SIDE AIR FLOW)



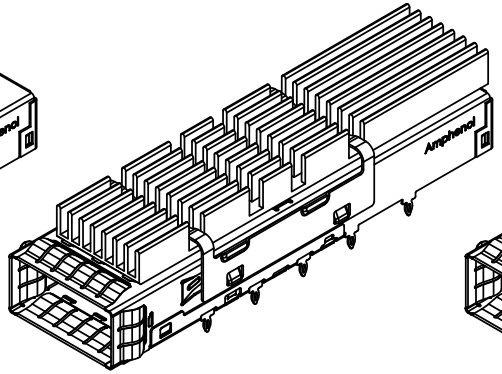
CONDUCTIVE DUST COVER SHOWN (OPTIONAL) SHIPPED LOOSE P/N U90-1401-8000-BP



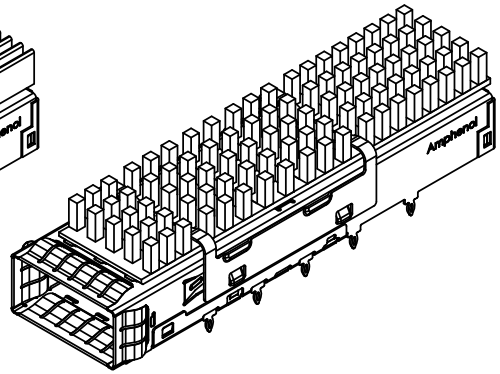
PN: UE36-B1620X-06001 SHOWN



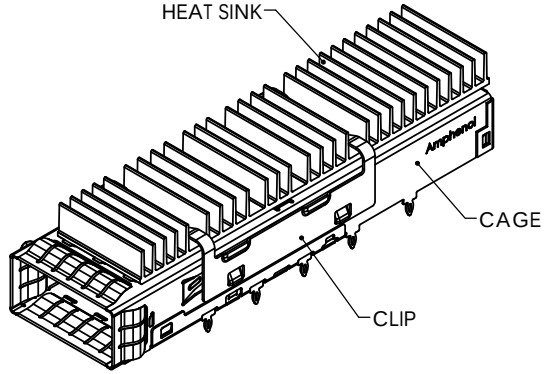
PN: UE36-B1620X-06011 SHOWN



PN: UE36-B1620X-06AXX SHOWN



PN: UE36-B1620X-06BXX SHOWN



PN: UE36-B1620X-06CXX SHOWN

NOTES:

1. MATERIAL:
   CAGE AND EMI SPRINGS: COPPER ALLOY
   HEAT SINK: NICKEL PLATED ALUMINUM ALLOY
   HEAT SINK CLIP: STAINLESS STEEL

UNLESS SPECIFIED OTHERWISE	DRAWN	Michael S	OCT.12, 17
UNIT MILLIMETERS	CHECKED	Chigow X	OCT.12, 17
REFERENCE IN PARENTHESES	M.E. APP'D		
	Q.A. APP'D		
GENERAL TOLERANCES	DWG APP'D	Arkady Z	OCT.12, 17
1 DECIMAL PLACE ±0.25	ENG. REL. NO.	-	
2 DECIMAL PLACES ±0.15	REF.		
ANGULAR DEGREES ±1°	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	

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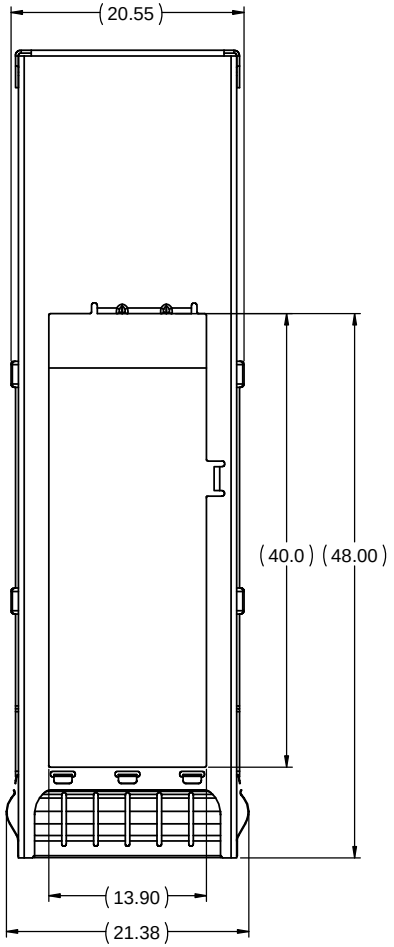
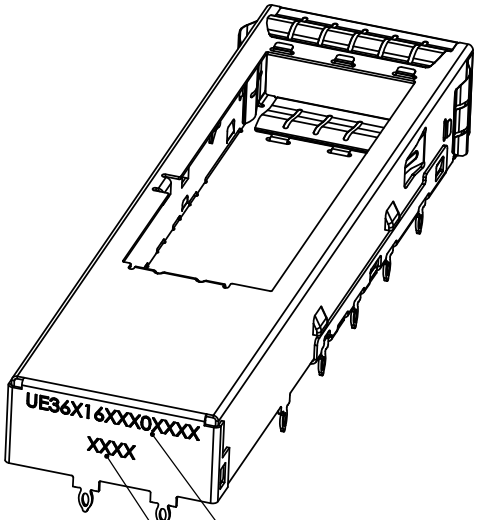
QSFP-DD 1X1 CAGE ASSEMBLY
THROUGH THE BEZEL
WITH HEAT SINK OPTION

DWG. NO. P-UE36-B162XX-0XXXX REV J

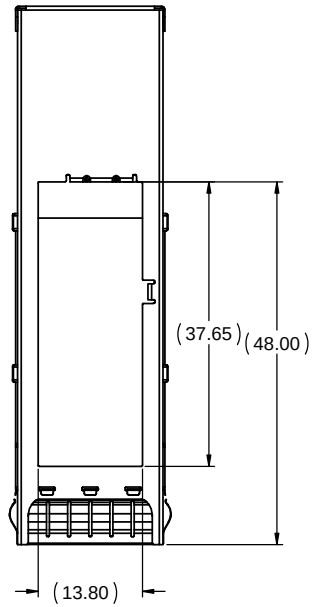
CODE ID NO. 03554 | DWG SIZE: C | SCALE: 1:1 | SHEET 1 OF 6



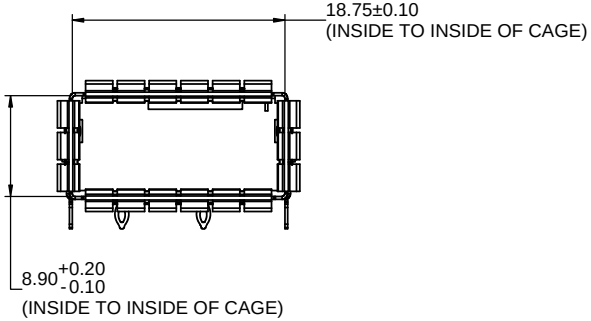


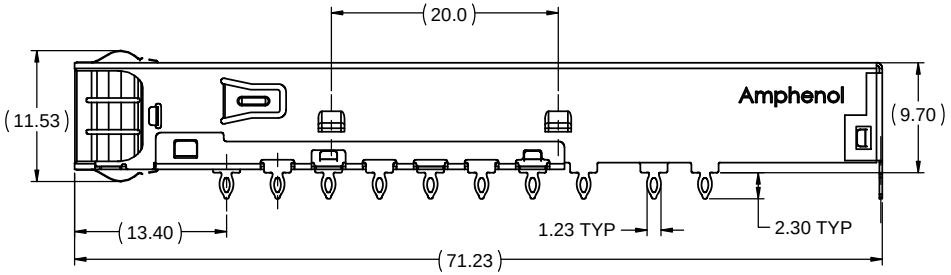
INK MARK PART NUMBER

INK MARK DATE CODE



PN: UE36-B16201-06001 SHOWN WITH 37.65*13.8MM TOP OPENING OTHER DIMENSIONS SEE PAGE 2.





PN: UE36-B16200-06001 SHOWN

UNLESS SPECIFIED OTHERWISE	DRAWN	Michael S	OCT.12, 17
UNIT MILLIMETERS	CHECKED	Chigow X	OCT.12, 17
REFERENCE IN PARENTHESES	M.E. APP'D		
	Q.A. APP'D		
GENERAL TOLERANCES	DWG APP'D	Arkady Z	OCT.12, 17
1 DECIMAL PLACE ±0.25	ENG. REL. NO.	-	
2 DECIMAL PLACES ±0.15	REF.		
ANGULAR DEGREES ±1°	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	

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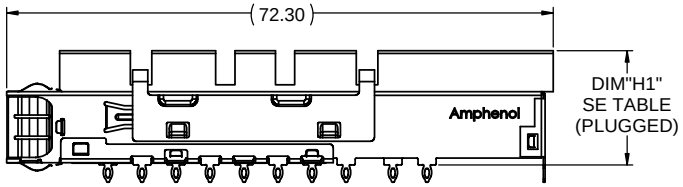
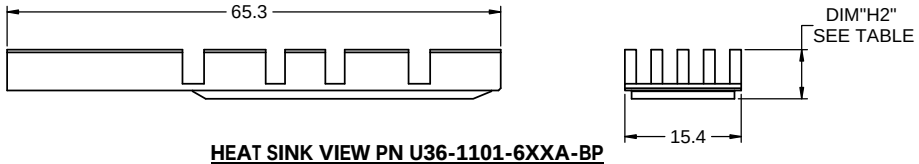
QSFP-DD 1X1 CAGE ASSEMBLY
THROUGH THE BEZEL
WITH HEAT SINK OPTION

DWG. NO.	REV
P-UE36-B162XX-0XXXX	J

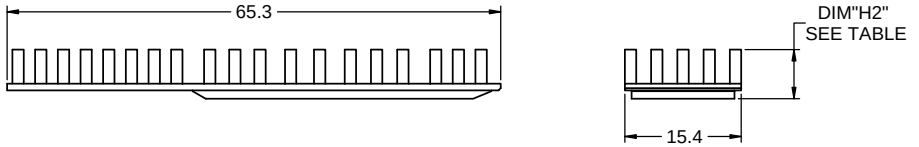
CODE ID NO.	DWG SIZE:	SCALE:	SHEET
03554	C	2:1	2 OF 6



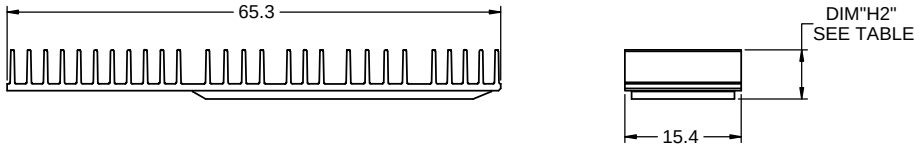
PN: UE36-B1620X-06XXX SHOWN
WITH HEAT SINK VIEW
OTHER DIMENSIONS SEE PAGE 2.



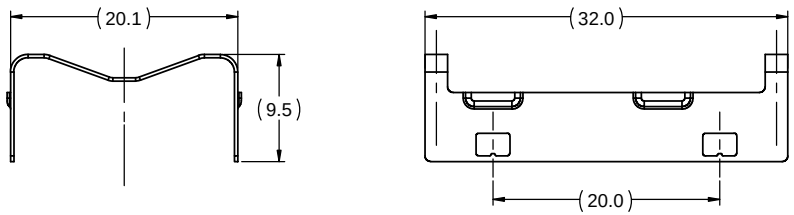
HEAT SINK VIEW PN U36-1101-6XXA-BP
SEE TABLE



HEAT SINK VIEW PN U36-1101-6XXB-BP
SEE TABLE

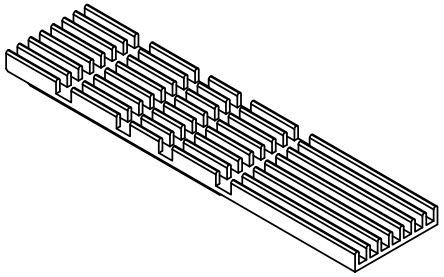


HEAT SINK VIEW PN U36-1101-6XXC-BP
SEE TABLE

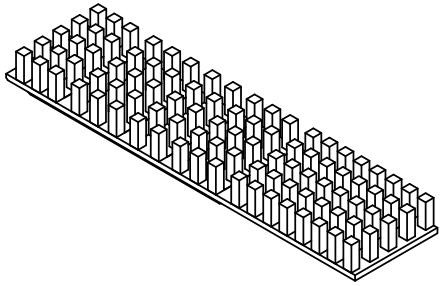


CLIP VIEW PN U90-1101-7060-BP

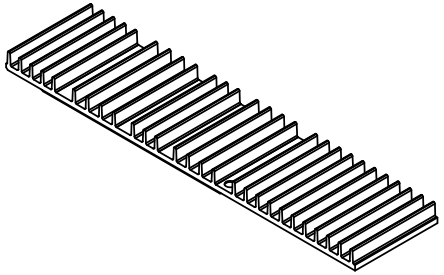
NOTE: DIMENSION OF CLIP AND HEAT SINK IS ONLY FOR REFERENCE, WHICH IS CHECKED BY ASSY.



HEAT SINK VIEW PN U36-1101-6XXA-BP



HEAT SINK VIEW PN U36-1101-6XXB-BP



HEAT SINK VIEW PN U36-1101-6XXC-BP

PART NUMBER	HEAT SINK P/N	DIM"H"	DIM"H1"
UE36B1620006X2X	U36-1101-611X-BP	4.2MM	13.7MM
UE36B1620006X3X	U36-1101-610X-BP	6.5MM	16.0MM
UE36B1620006X4X	U36-1101-612X-BP	13.5MM	23.0MM
UE36B1620006X5X	U36-1101-613X-BP	4.5MM	14.0MM
UE36B1620006X6X	U36-1101-615X-BP	21.5MM	31.0MM
UE36B1620106X2X	U36-1101-6A1X-BP	4.2MM	13.7MM
UE36B1620106X3X	U36-1101-6A0X-BP	6.5MM	16.0MM
UE36B1620106X4X	U36-1101-6A2X-BP	13.5MM	23.0MM
UE36B1620106X5X	U36-1101-6A3X-BP	4.5MM	14.0MM

UNLESS SPECIFIED OTHERWISE
UNIT MILLIMETERS
REFERENCE IN PARENTHESES
GENERAL TOLERANCES
1 DECIMAL PLACE ±0.25
2 DECIMAL PLACES ±0.15
ANGULAR DEGREES ±1°

DRAWN	Michael S	OCT.12, 17
CHECKED	Chigow X	OCT.12, 17
M.E. APP'D		
Q.A. APP'D		
DWG APP'D	Arkady Z	OCT.12, 17
ENG. REL. NO.	-	
REF.		

THIRD ANGLE PROJECTION
DO NOT SCALE DRAWING

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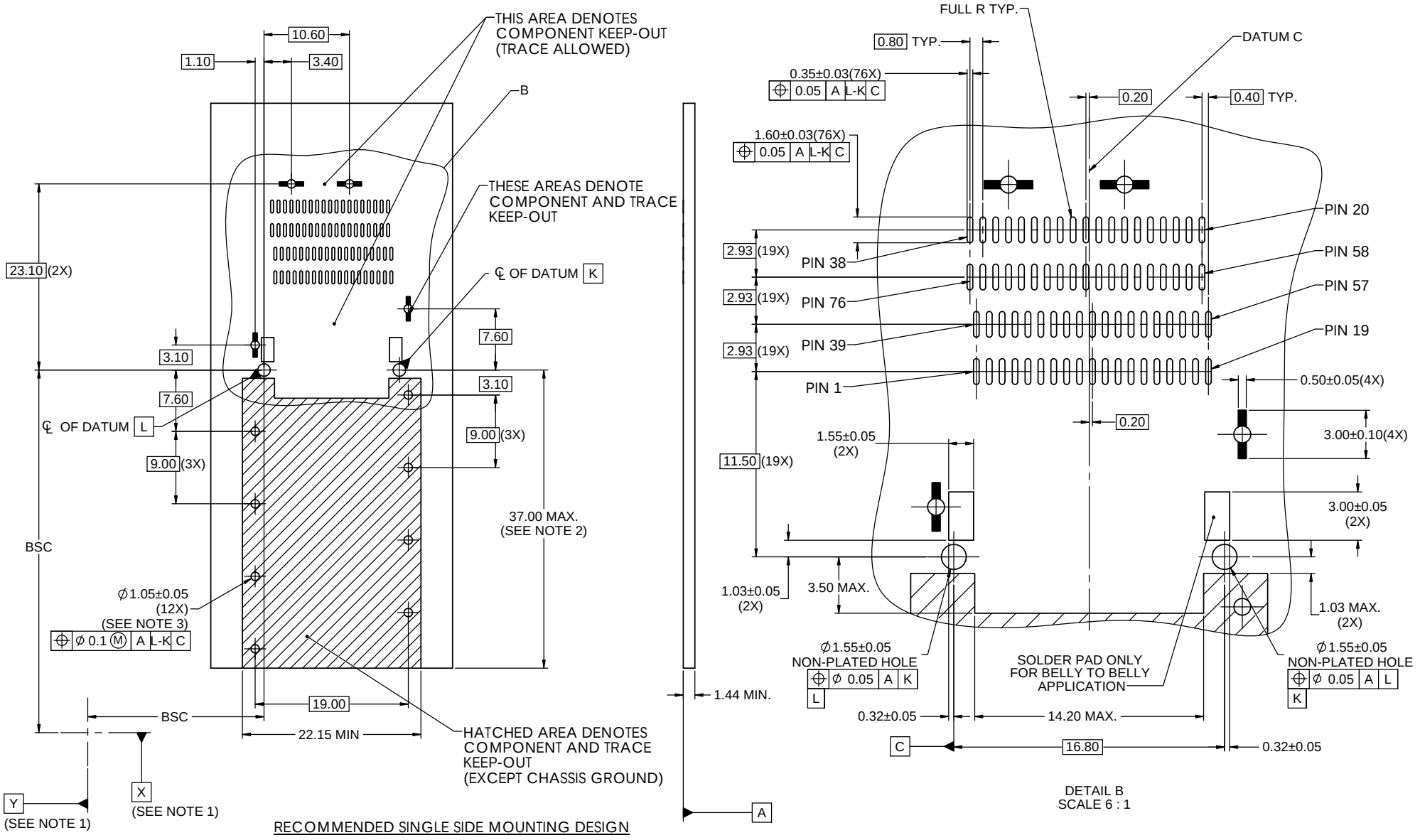
QSFP-DD 1X1 CAGE ASSEMBLY
THROUGH THE BEZEL
WITH HEAT SINK OPTION

DWG. NO. P-UE36-B162XX-0XXXX
REV J
CODE ID NO. 03554 | DWG SIZE: C | SCALE: 2:1 | SHEET 3 OF 6



RECOMMENDED SINGLE SIDE MOUNTING DESIGN

DETAIL B
SCALE 6 : 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.

UNLESS SPECIFIED OTHERWISE	DRAWN	Michael S	OCT.12, 17
UNIT MILLIMETERS	CHECKED	Chigow X	OCT.12, 17
REFERENCE IN PARENTHESES	M.E. APP'D		
	Q.A. APP'D		
GENERAL TOLERANCES	DWG APP'D	Arkady Z	OCT.12, 17
1 DECIMAL PLACE ±0.25	ENG. REL. NO.	-	
2 DECIMAL PLACES ±0.15	REF.		
ANGULAR DEGREES ±1°	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	

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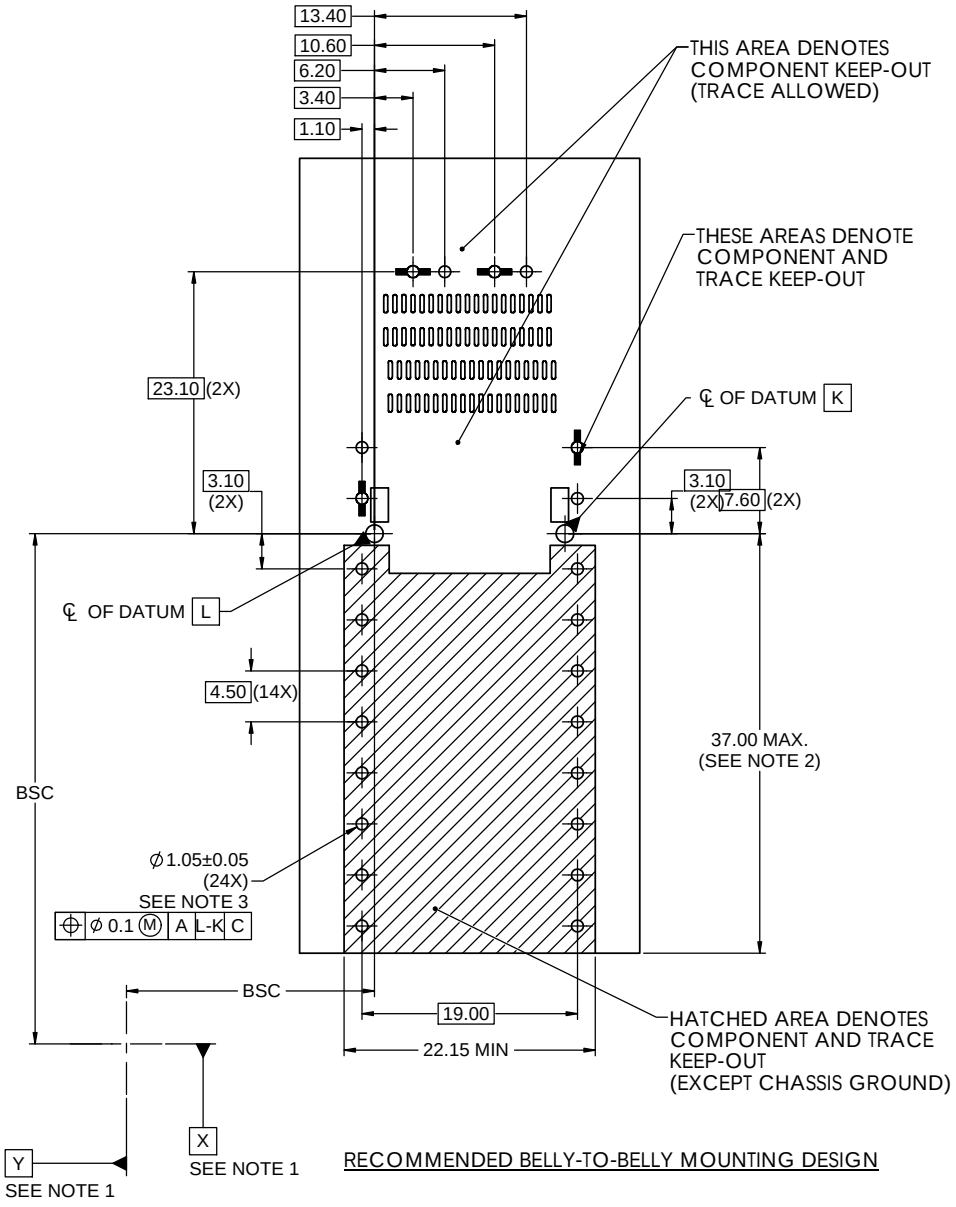
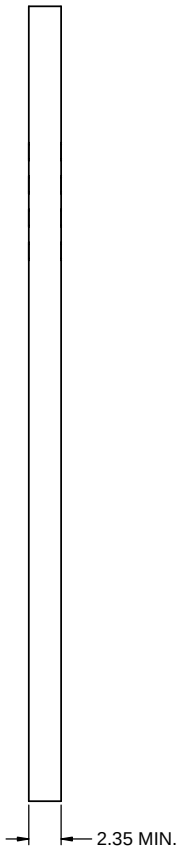
QSFP-DD 1X1 CAGE ASSEMBLY
THROUGH THE BEZEL
WITH HEAT SINK OPTION

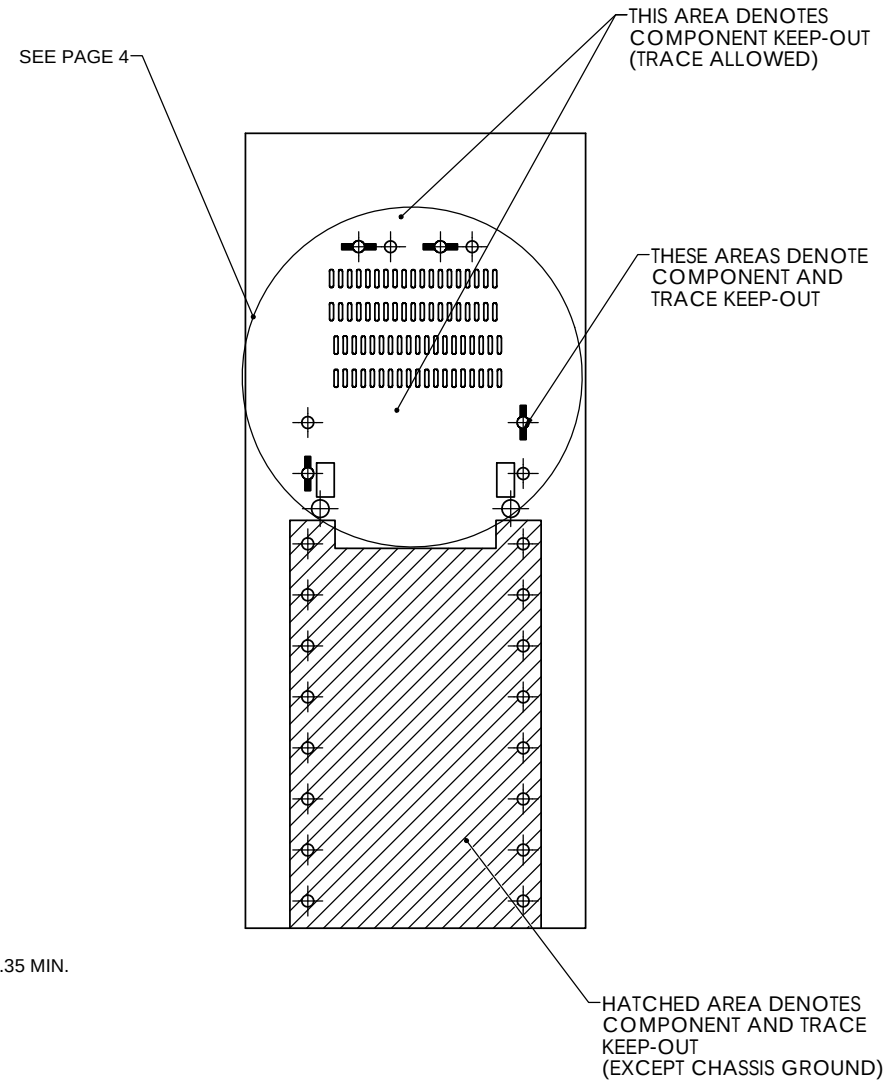
DWG. NO. P-UE36-B162XX-0XXXX REV J

CODE ID NO. 03554 | DWG SIZE: C | SCALE: 2:1 | SHEET 4 OF 6



RECOMMENDED BELLY-TO-BELLY MOUNTING DESIGN





NOTES:

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

UNLESS SPECIFIED OTHERWISE	DRAWN	Michael S	OCT.12, 17
UNIT MILLIMETERS	CHECKED	Chigow X	OCT.12, 17
REFERENCE IN PARENTHESES	M.E. APP'D		
	Q.A. APP'D		
GENERAL TOLERANCES	DWG APP'D	Arkady Z	OCT.12, 17
1 DECIMAL PLACE ±0.25	ENG. REL. NO.	-	
2 DECIMAL PLACES ±0.15	REF.		
ANGULAR DEGREES ±1°	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	

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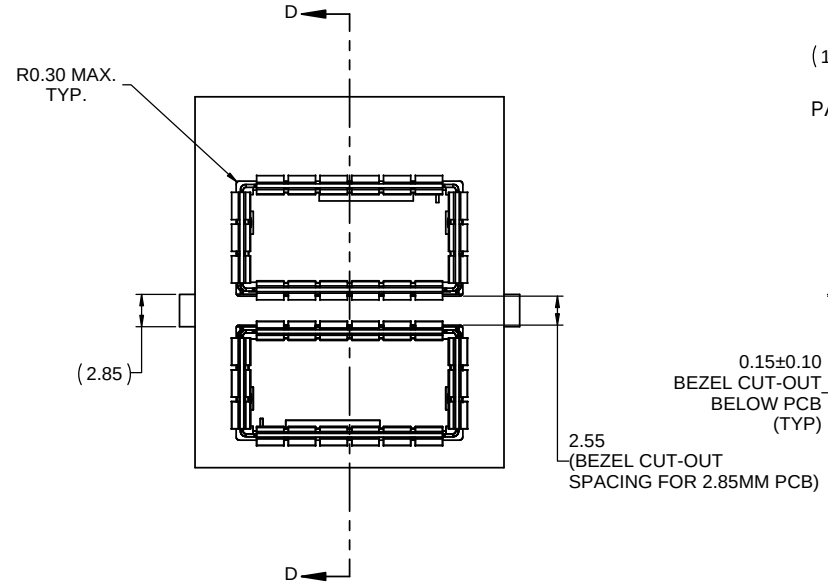
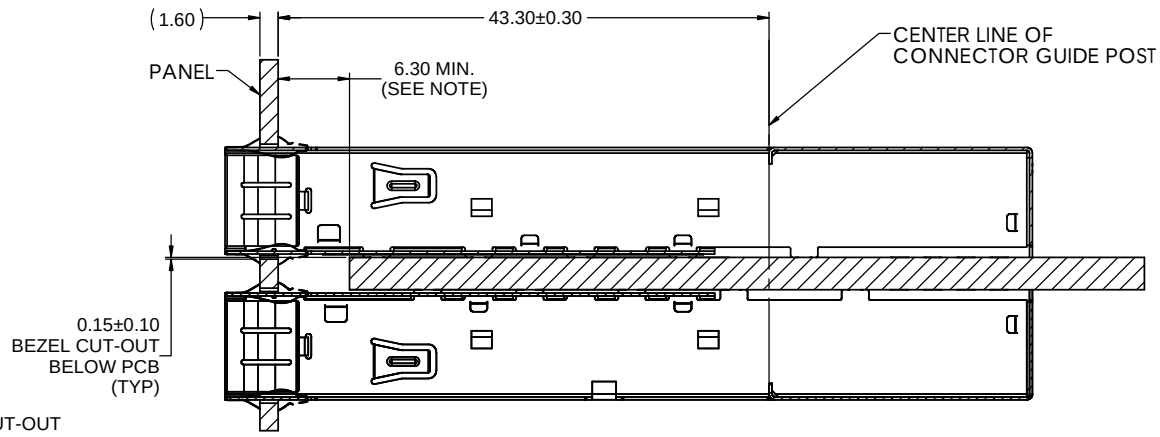
QSFP-DD 1X1 CAGE ASSEMBLY
THROUGH THE BEZEL
WITH HEAT SINK OPTION

DWG. NO. P-UE36-B162XX-0XXXX REV J

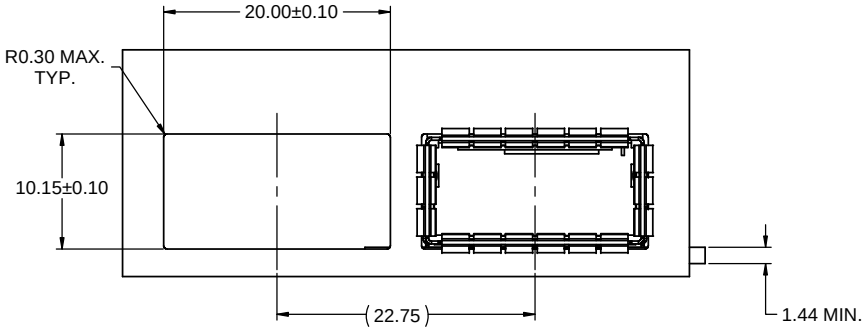
CODE ID NO. 03554 | DWG SIZE: C | SCALE: 2:1 | SHEET 5 OF 6





SECTION D-D
SCALE 3 : 1

RECOMMENDED BELLY-TO-BELLY MOUNTING DESIGN



RECOMMENDED SINGLE SIDE MOUNTING DESIGN

NOTES:

LOCATION OF EDGE OF PCB IS APPLICATION SPECIFIC.

UNLESS SPECIFIED OTHERWISE	DRAWN	Michael S	OCT.12, 17
UNIT MILLIMETERS	CHECKED	Chigow X	OCT.12, 17
REFERENCE IN PARENTHESES	M.E. APP'D		
	Q.A. APP'D		
GENERAL TOLERANCES	DWG APP'D	Arkady Z	OCT.12, 17
1 DECIMAL PLACE ±0.25	ENG. REL. NO.	-	
2 DECIMAL PLACES ±0.15	REF.		
ANGULAR DEGREES ±1°	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING	

Amphenol High Speed Interconnects
A Division of Amphenol Corp. www.amphenol-highspeed.com

QSFP-DD 1X1 CAGE ASSEMBLY
THROUGH THE BEZEL
WITH HEAT SINK OPTION

DWG. NO. P-UE36-B162XX-0XXXX				REV J
CODE ID NO. 03554	DWG SIZE: C	SCALE: 2:1	SHEET 6 OF 6	