

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	INITIAL RELEASE	MAY 28/21	A.Z

AMPHENOL PART NUMBER CONFIGURATION
UE36 - D1620 X -05 XX X

WITH MYLAR TAPE

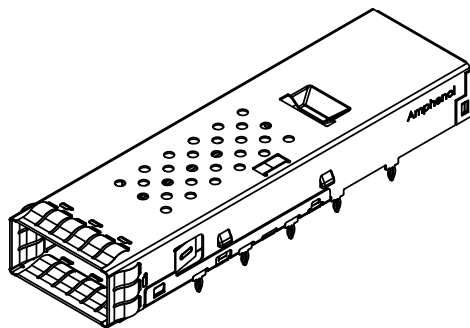
VENTING OPTION
0 = STANDARD
4 = TOP CLOSED

PACKAGING OPTION

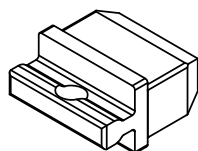
1= TRAY PACKAGING(HEAT SINK AND CLIP SHIPPED LOOSE)
A= TRAY PACKAGING(HEAT SINK AND CLIP SHIPPED ASSEMBLED)
2= BASED ON "A", WITH DUST COVER

HEAT SINK OPTION

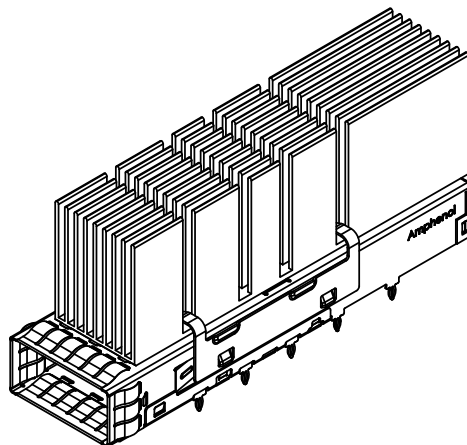
00= NO HEAT SINK
01= NO HEAT SINK, WITH CLIP
A2= WITH FIN PIN STYLE HEAT SINK(H=4.2MM; PCI HEIGHT, FRONT-BACK AIR FLOW)
A3= WITH FIN PIN STYLE HEAT SINK(H=6.5MM; SAN HEIGHT, FRONT-BACK AIR FLOW)
A4= WITH FIN PIN STYLE HEAT SINK(H=13.5MM; TALL HEIGHT, FRONT-BACK AIR FLOW)
A5= WITH FIN PIN STYLE HEAT SINK(H=4.5MM; SPECIAL HEIGHT, FRONT-BACK AIR FLOW)
A6= WITH FIN PIN STYLE HEAT SINK(H=21.5MM; SPECIAL HEIGHT, FRONT-BACK AIR FLOW)
AE= WITH FIN PIN STYLE HEAT SINK(H=11.1MM; SPECIAL HEIGHT, FRONT-BACK AIR FLOW)
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)
BJ= WITH SQUARE PIN STYLE HEAT SINK(H=9.5MM; SPECIAL 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)
D6= WITH FIN PIN STYLE HEAT SINK(H=21.5MM; SPECIAL HEIGHT;TOTAL 9FINS)
ML= WITH FIN PIN STYLE HEAT SINK(H=16.2MM; SPECIAL HEIGHT;TOTAL 10FINS)
19= WITH FIN PIN STYLE HEAT SINK(H=6.6MM; SPECIAL HEIGHT;TOTAL 11FINS; COLORLESS ANODIZED)
UH=WITH ZIPPED-FIN STYLE HEAT SINK(H=10.3MM; SPECIAL HEIGHT;TOTAL 14FINS)
UM=WITH ZIPPED-FIN STYLE HEAT SINK(H=5.4MM; SPECIAL HEIGHT;TOTAL 14FINS)
UJ=WITH ZIPPED-FIN STYLE HEAT SINK(H=9.5MM; SPECIAL HEIGHT;TOTAL 14FINS)
11=WITH FIN PIN STYLE HEAT SINK(H=10.4MM; SPECIAL HEIGHT;TOTAL 9FINS)



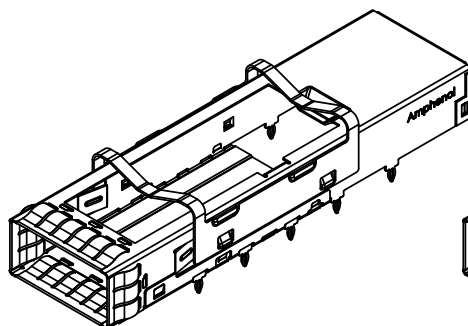
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SHOWN



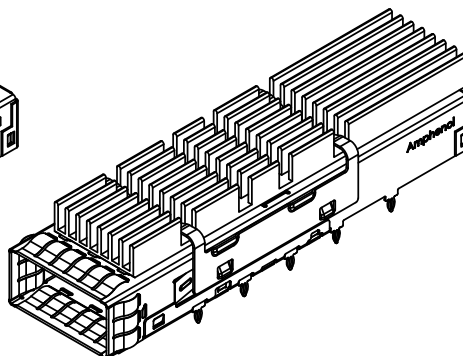
CONDUCTIVE DUST COVER
SHOWN (OPTIONAL)
SHIPPED LOOSE
P/N U90-1401-8000-BP



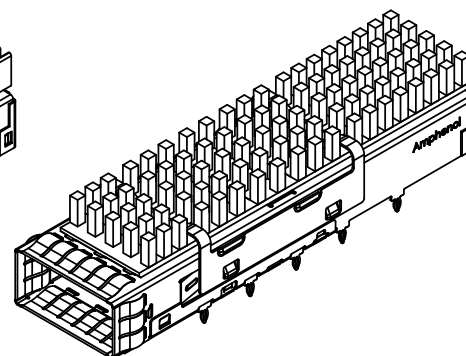
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SHOWN



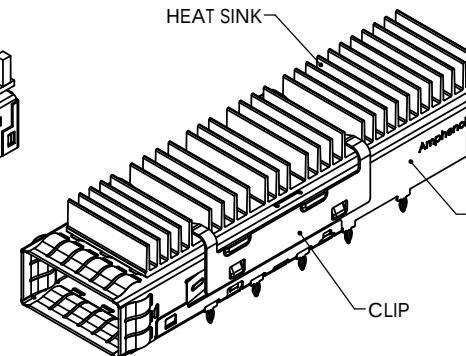
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SHOWN



PN: UE36-D16200-05AXX
SHOWN



PN: UE36-D16200-05BXX
SHOWN



PN: UE36-D16200-05CXX
SHOWN

NOTES:

- MATERIAL:**
CAGE AND EMI SPRINGS: STAINLESS STEEL
HEAT SINK: ALUMINUM ALLOY
HEAT SINK CLIP: STAINLESS STEEL
DUST COVER:CONDUCTIVE RUBBER



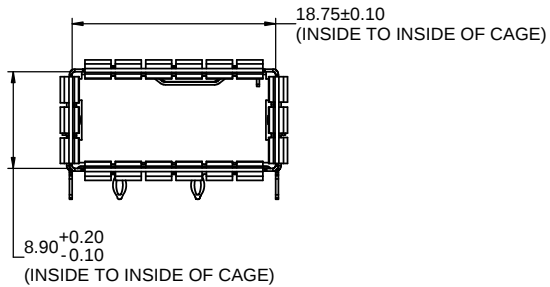
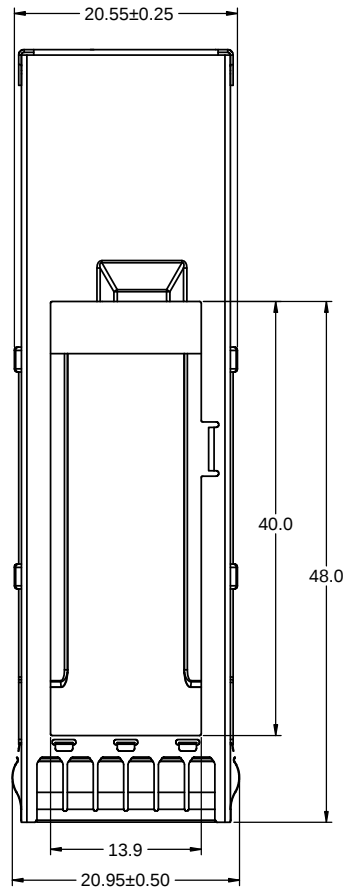
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UNLESS SPECIFIED OTHERWISE		DRAWN	Brook Z	MAY 28/21
UNIT	MILLIMETERS	CHECKED	Chigow X	MAY 28/21
REFERENCE IN PARENTHESES		M.E. APP'D		
		Q.A. APP'D		
GENERAL TOLERANCES		DWG APP'D	Arkady Z	MAY 28/21
1 DECIMAL PLACE	±0.25	ENG. REL. NO.		
2 DECIMAL PLACES	±0.15	REF.		
ANGULAR DEGREES	±1°	THIRD ANGLE PROJECTION		
		DO NOT SCALE DRAWING		

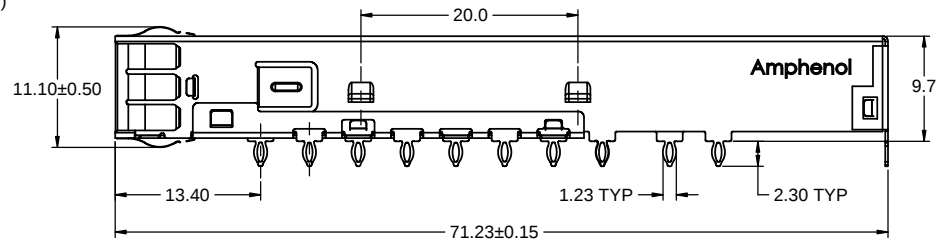
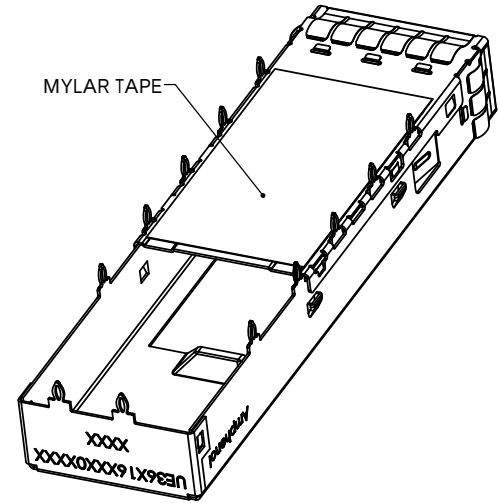
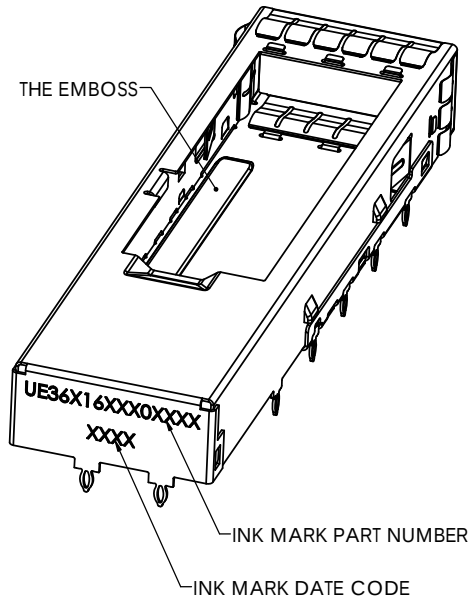
Amphenol High Speed Interconnects
A Division of Amphenol Corp. www.amphenol-highspeed.com

QSFP-DD 1X1 CAGE ASSEMBLY 2 REAR PIN WITH HEAT SINK OPTION, WITH EMBOSES ON THE BOTTOM CAGE AND MYLAR

DWG. NO.	P-UE36-D162XX-05XXX	REV	A
CODE ID NO.	03554	DWG SIZE:	C
SCALE:	1:1	SHEET	1 OF 10



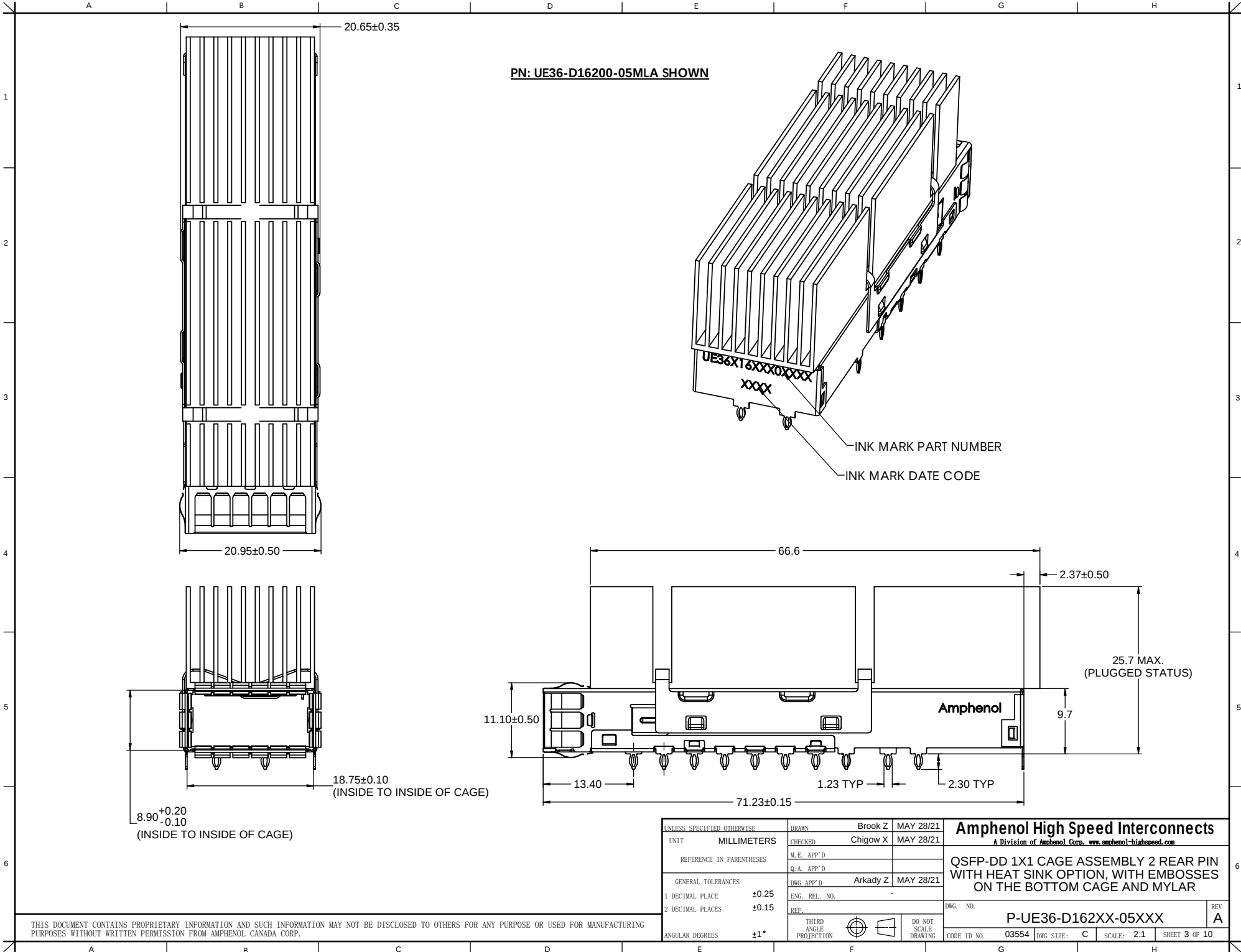
PN: UE36-D16200-05001 SHOWN



UNLESS SPECIFIED OTHERWISE		DRAWN	Brook Z	MAY 28/21
UNIT		CHECKED	Chigow X	MAY 28/21
REFERENCE IN PARENTHESES		M.E. APP'D		
		Q.A. APP'D		
GENERAL TOLERANCES		DWG APP'D	Arkady Z	MAY 28/21
1 DECIMAL PLACE		ENG. REL. NO.		
2 DECIMAL PLACES		REF.		
ANGULAR DEGREES		THIRD ANGLE PROJECTION		
		DO NOT SCALE DRAWING		

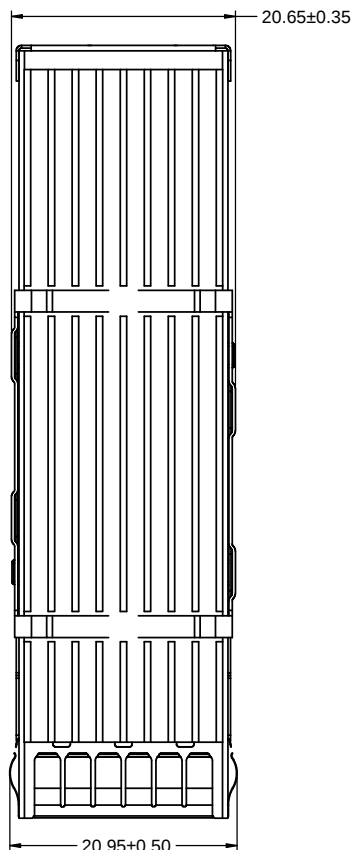
Amphenol High Speed Interconnects			
A Division of Amphenol Corp. www.amphenol-highspeed.com			
QSFP-DD 1X1 CAGE ASSEMBLY 2 REAR PIN WITH HEAT SINK OPTION, WITH EMBOSSES ON THE BOTTOM CAGE AND MYLAR			
DWG. NO.	P-UE36-D162XX-05XXX		
CODE ID NO.	03554	DWG SIZE:	C
SCALE:	2:1	SHEET	2 OF 10

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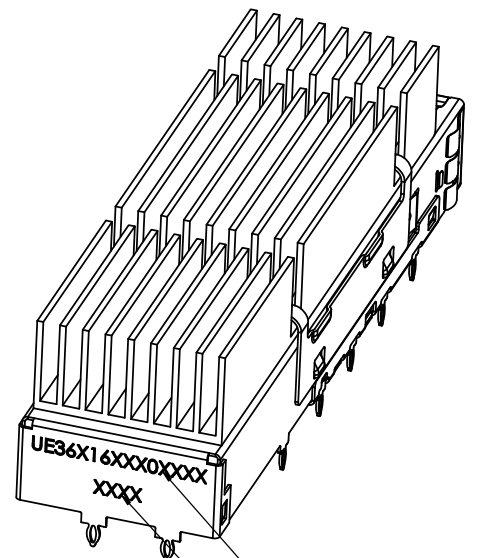


UNLESS SPECIFIED OTHERWISE		DRAWN	Brook Z	MAY 28/21
UNIT		CHECKED	Chigow X	MAY 28/21
REFERENCE IN PARENTHESES		M.E. APP'D		
		Q.A. APP'D		
		DWG APP'D	Arkady Z	MAY 28/21
GENERAL TOLERANCES		ENG. REL. NO.	-	
1 DECIMAL PLACE	± 0.25	REF.		
2 DECIMAL PLACES	± 0.15	THIRD ANGLE PROJECTION		
ANGULAR DEGREES	$\pm 1^\circ$			

Amphenol High Speed Interconnects				REV
A Division of Amphenol Corp. www.amphenol-highspeed.com				A
QSFP-DD 1X1 CAGE ASSEMBLY 2 REAR PIN WITH HEAT SINK OPTION, WITH EMBOSSES ON THE BOTTOM CAGE AND MYLAR				
P-UE36-D162XX-05XXX				
CODE ID NO.	03554	DWG SIZE:	C	
SCALE:	2:1	SHEET	3 OF 10	

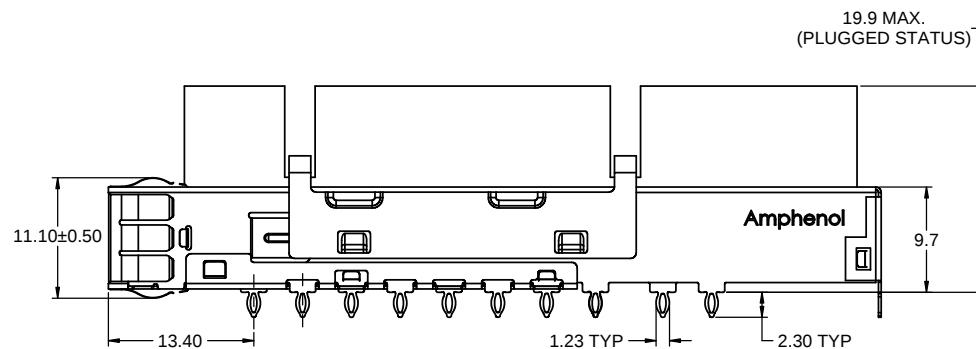
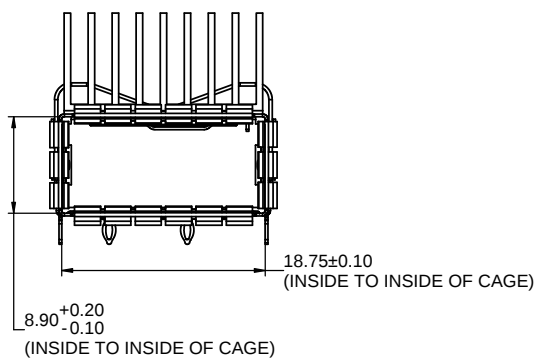


PN: UE36-D16200-0511A SHOWN



INK MARK PART NUMBER

INK MARK DATE CODE



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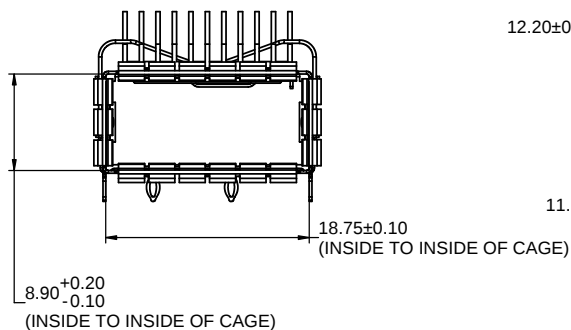
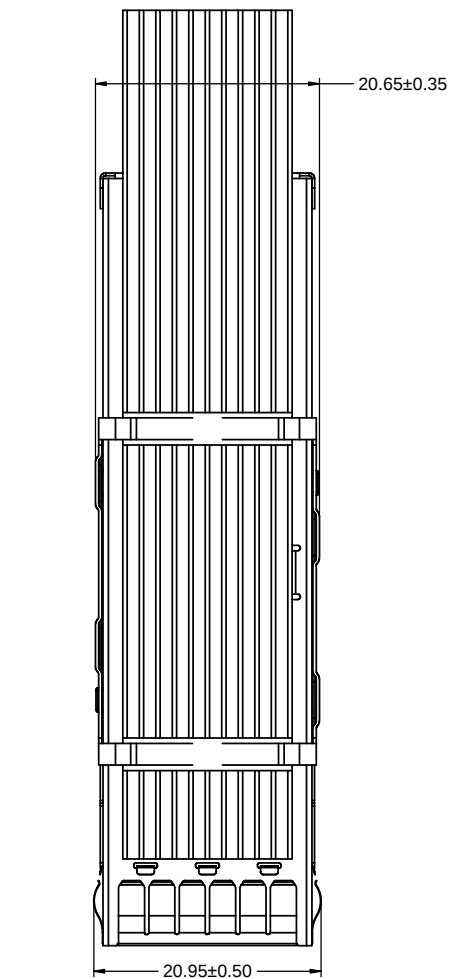
UNLESS SPECIFIED OTHERWISE		DRAWN	Brook Z	MAY 28/21
UNIT		CHECKED	Chigow X	MAY 28/21
REFERENCE IN PARENTHESES		M.E. APP'D		
		Q.A. APP'D		
GENERAL TOLERANCES		DWG APP'D	Arkady Z	MAY 28/21
1 DECIMAL PLACE	±0.25	ENG. REL. NO.	-	
2 DECIMAL PLACES	±0.15	REF.		
ANGULAR DEGREES	±1°	THIRD ANGLE PROJECTION		
		DO NOT SCALE DRAWING		

Amphenol High Speed Interconnects

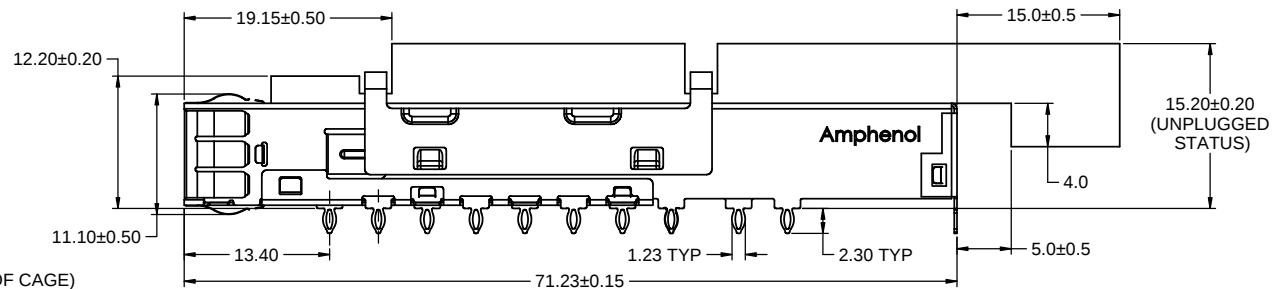
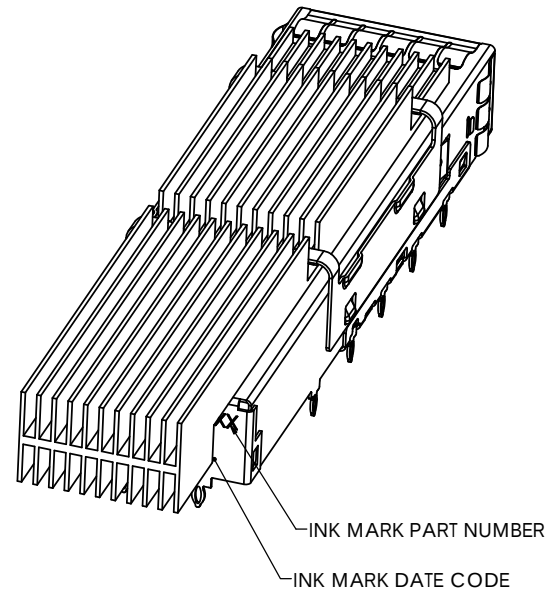
A Division of Amphenol Corp. www.amphenol-highspeed.com

QSFP-DD 1X1 CAGE ASSEMBLY 2 REAR PIN WITH HEAT SINK OPTION, WITH EMBOSSES ON THE BOTTOM CAGE AND MYLAR

DWG. NO.	P-UE36-D162XX-05XXX	REV	A
CODE ID NO.	03554	DWG SIZE:	C
SCALE:	2:1	SHEET	4 OF 10

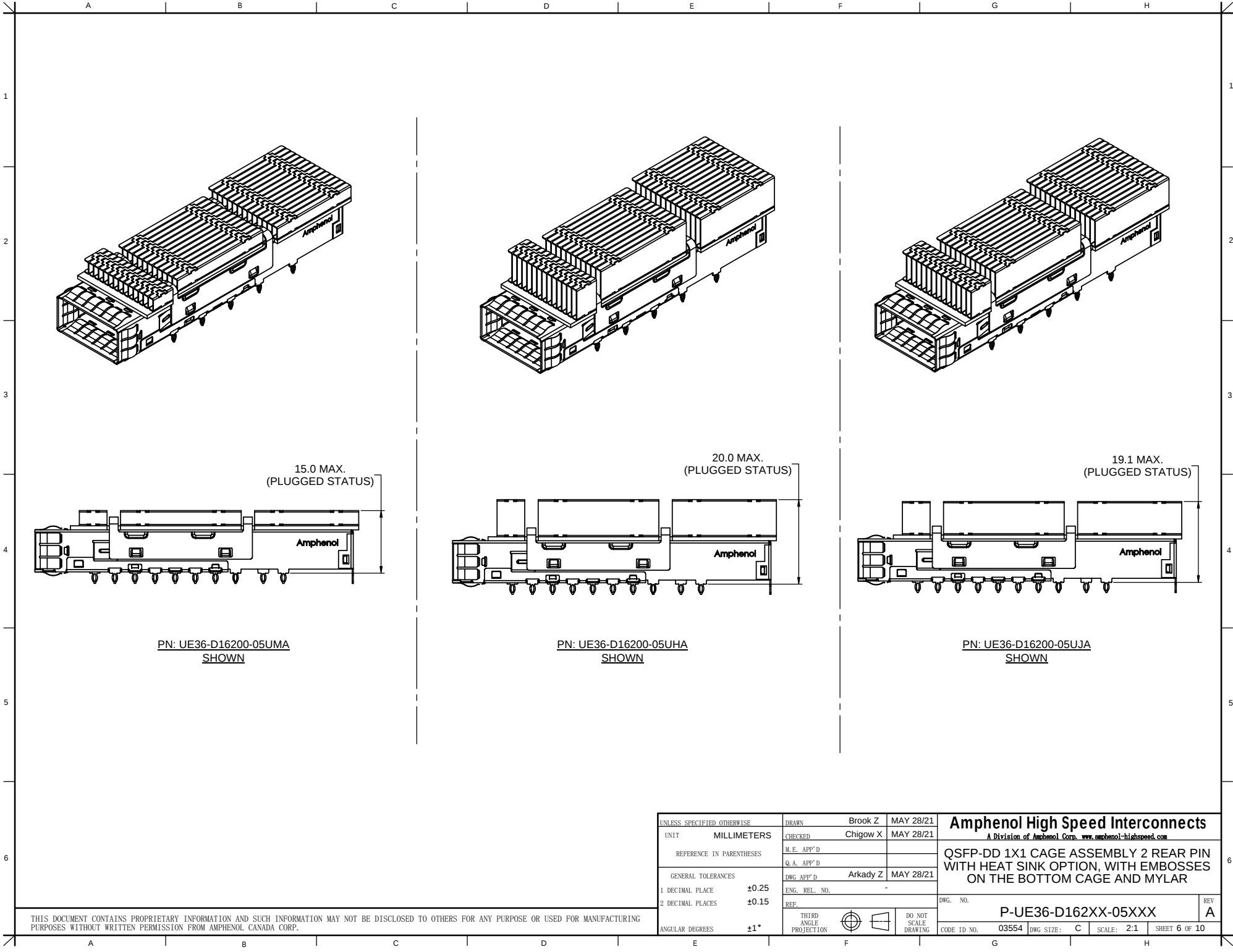


PN: UE36-D16200-0519A SHOWN



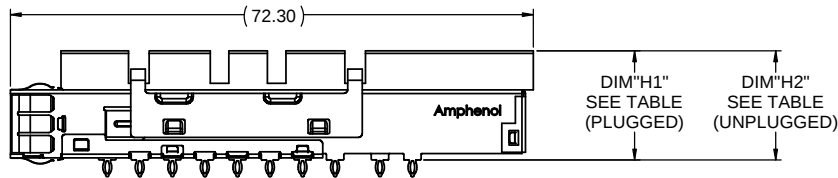
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UNLESS SPECIFIED OTHERWISE		DRAWN	Brook Z	MAY 28/21	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com	
UNIT MILLIMETERS		CHECKED	Chigow X	MAY 28/21		
REFERENCE IN PARENTHESES		M.E. APP'D			QSFP-DD 1X1 CAGE ASSEMBLY 2 REAR PIN WITH HEAT SINK OPTION, WITH EMBOSSES ON THE BOTTOM CAGE AND MYLAR	
GENERAL TOLERANCES		Q.A. APP'D				
1 DECIMAL PLACE	±0.25	DWG APP'D	Arkady Z	MAY 28/21	P-UE36-D162XX-05XXX	
2 DECIMAL PLACES	±0.15	ENG. REL. NO.	-			
ANGULAR DEGREES		REF.			CODE ID NO. 03554 DWG SIZE: C SCALE: 2:1 SHEET 5 OF 10	
		THIRD ANGLE PROJECTION				
		DO NOT SCALE DRAWING			REV A	

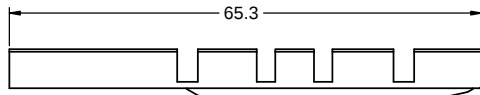


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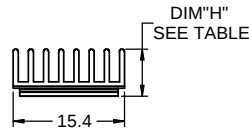
UNLESS SPECIFIED OTHERWISE		DRAWN	Brook Z	MAY 28/21	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com	
UNIT MILLIMETERS		CHECKED	Chigow X	MAY 28/21		
REFERENCE IN PARENTHESES		M.E. APP'D			QSFP-DD 1X1 CAGE ASSEMBLY 2 REAR PIN WITH HEAT SINK OPTION, WITH EMBOSES ON THE BOTTOM CAGE AND MYLAR	
GENERAL TOLERANCES		Q.A. APP'D				
1 DECIMAL PLACE	±0.25	DWG APP'D	Arkady Z	MAY 28/21	P-UE36-D162XX-05XXX	
2 DECIMAL PLACES	±0.15	ENG. REL. NO.	-			
ANGULAR DEGREES	±1°	REF.			DWG. NO. P-UE36-D162XX-05XXX REV A	
		THIRD ANGLE PROJECTION				
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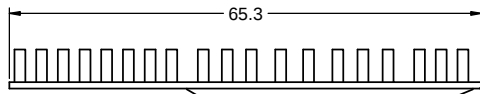
**PN: UE36-D16200-05XXX SHOWN
WITH HEAT SINK VIEW
OTHER DIMENSIONS SEE PAGE 2.**



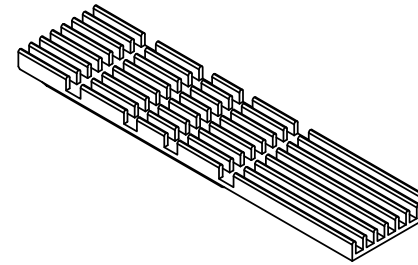
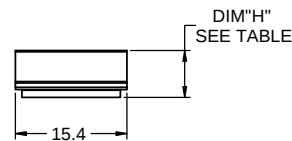
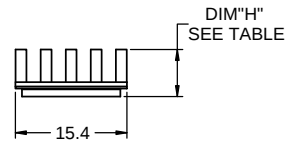
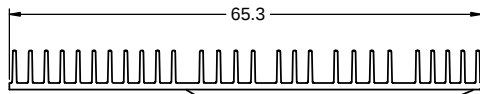
**HEAT SINK VIEW PN U36-1101-6XXA-BP
SEE TABLE**



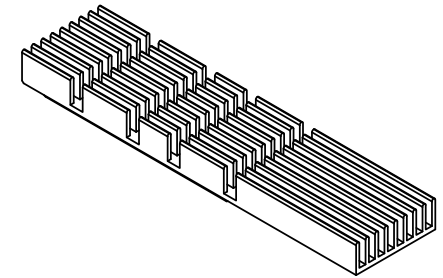
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SEE TABLE**



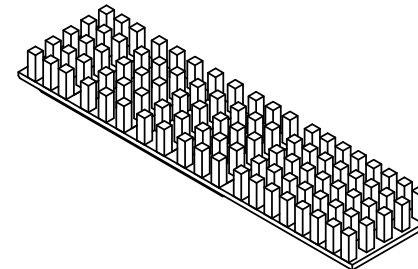
**HEAT SINK VIEW PN U36-1101-6XXC-BP
SEE TABLE**



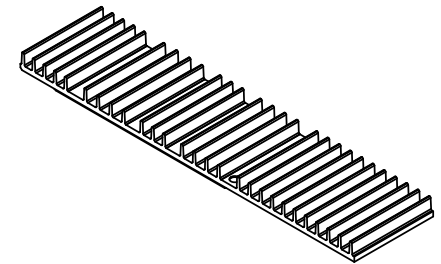
HEAT SINK VIEW PN U36-1101-6XXA-BP



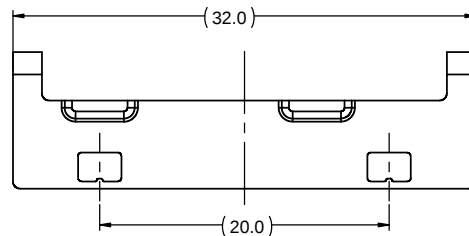
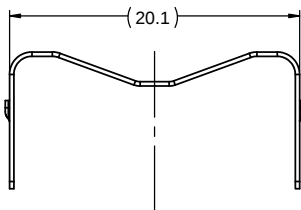
HEAT SINK VIEW PN U36-1101-6XXA-F-BP



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



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



CLIP VIEW PN U90-1101-7060-BP

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

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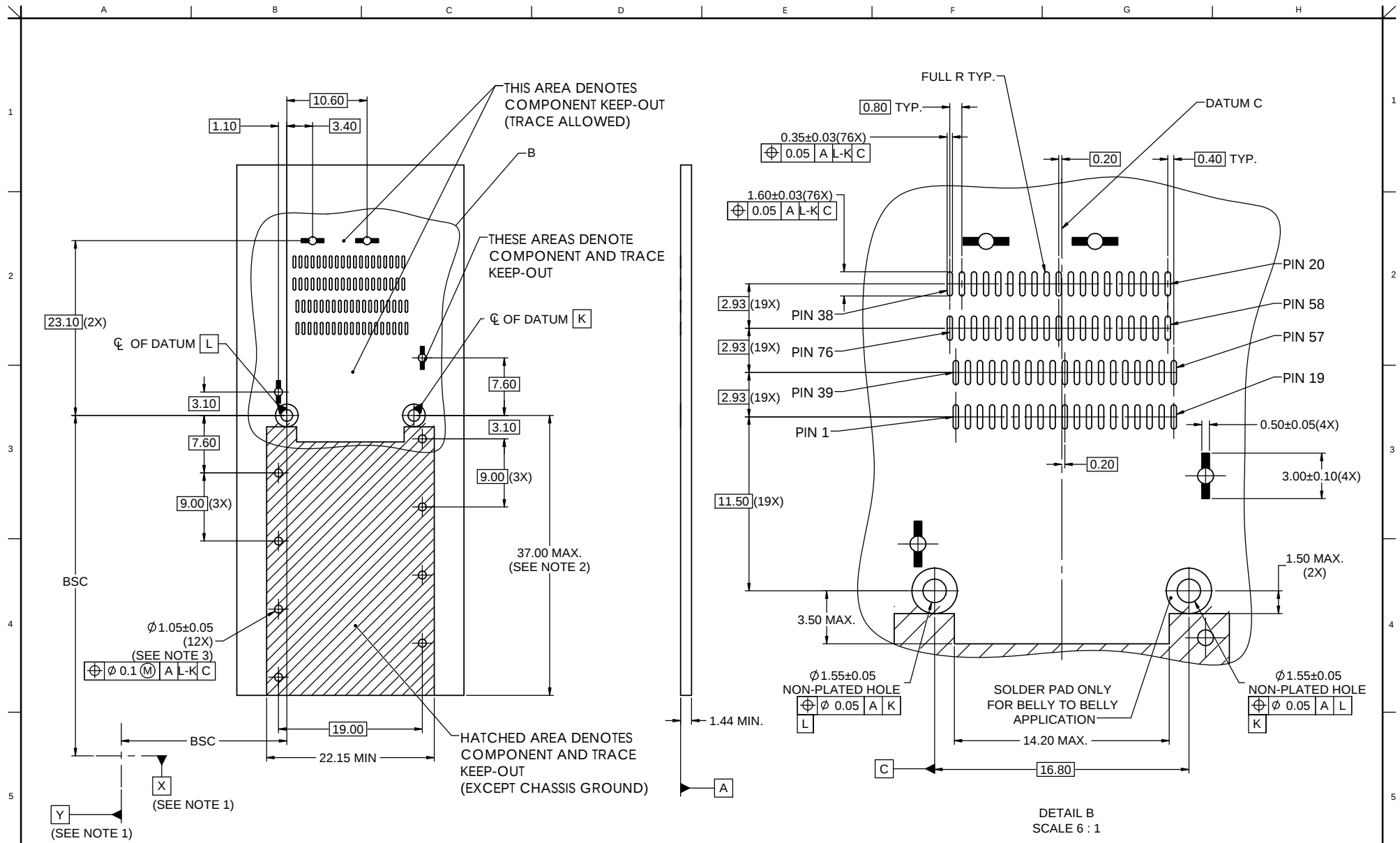
PART NUMBER	HEAT SINK P/N	DIM"H"	DIM"H1"	DIM"H2"
UE36D1620005X2X	U36-1101-611X-BP	4.2MM	13.7MM	12.8MM
UE36D1620005X3X	U36-1101-610X-BP	6.5MM	16.0MM	15.1MM
UE36D1620005X4X	U36-1101-612X-BP	13.5MM	23.0MM	22.1MM
UE36D1620005X5X	U36-1101-613X-BP	4.5MM	14.0MM	13.1MM
UE36D1620005X6X	U36-1101-615X-BP	21.5MM	31.0MM	30.1MM
UE36D1620005XJX	U36-1101-61AX-BP	9.5MM	19.0MM	18.1MM
UE36D1620005XEX	U36-1101-61FX-BP	11.1MM	20.6MM	19.7MM

UNLESS SPECIFIED OTHERWISE	DRAWN	Brook Z	MAY 28/21
UNIT	CHECKED	Chigow X	MAY 28/21
REFERENCE IN PARENTHESES	M.E. APP'D		
	Q.A. APP'D		
GENERAL TOLERANCES	DWG APP'D	Arkady Z	MAY 28/21
1 DECIMAL PLACE	ENG. REL. NO.	-	
2 DECIMAL PLACES	REF.		
ANGULAR DEGREES	THIRD ANGLE PROJECTION		
	DO NOT SCALE DRAWING		

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

QSFP-DD 1X1 CAGE ASSEMBLY 2 REAR PIN
WITH HEAT SINK OPTION, WITH EMBOSES
ON THE BOTTOM CAGE AND MYLAR

DWG. NO.	P-UE36-D162XX-05XXX	REV	A
CODE ID NO.	03554	DWG SIZE:	C
SCALE:	2:1	SHEET	7 OF 10

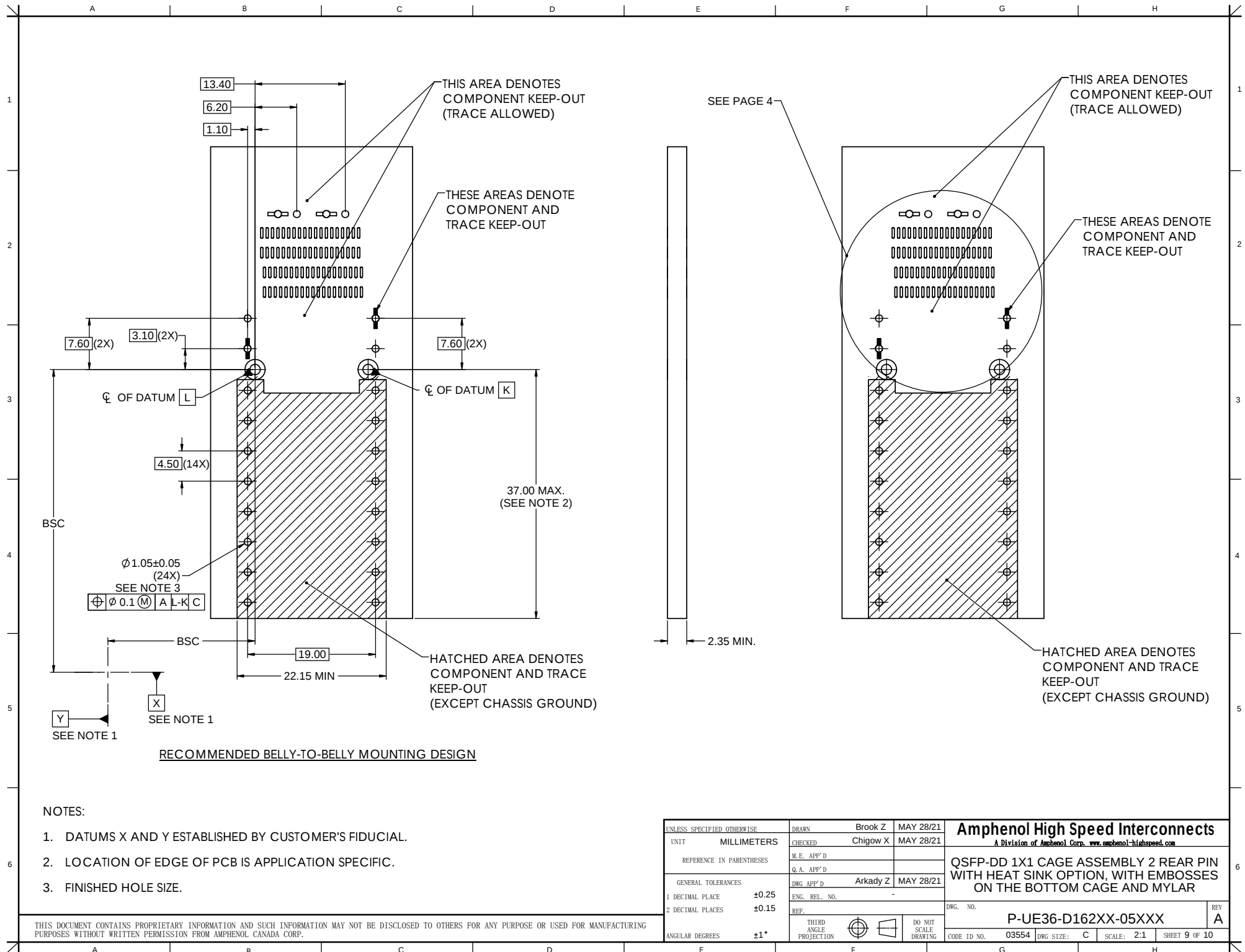


RECOMMENDED SINGLE SIDE MOUNTING DESIGN

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	Brook Z	MAY 28/21	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com	
UNIT		CHECKED	Chigow X	MAY 28/21		
REFERENCE IN PARENTHESES		M.E. APP'D			QSFP-DD 1X1 CAGE ASSEMBLY 2 REAR PIN WITH HEAT SINK OPTION, WITH EMBOSSES ON THE BOTTOM CAGE AND MYLAR	
GENERAL TOLERANCES		Q.A. APP'D				
1 DECIMAL PLACE	±0.25	DWG APP'D	Arkady Z	MAY 28/21	P-UE36-D162XX-05XXX	
2 DECIMAL PLACES	±0.15	ENG. REL. NO.	-			
ANGULAR DEGREES		REF.			DWG. NO. P-UE36-D162XX-05XXX REV A	
		THIRD ANGLE PROJECTION				
		DO NOT SCALE DRAWING			CODE ID NO. 03554 DWG SIZE: C SCALE: 2:1 SHEET 8 OF 10	



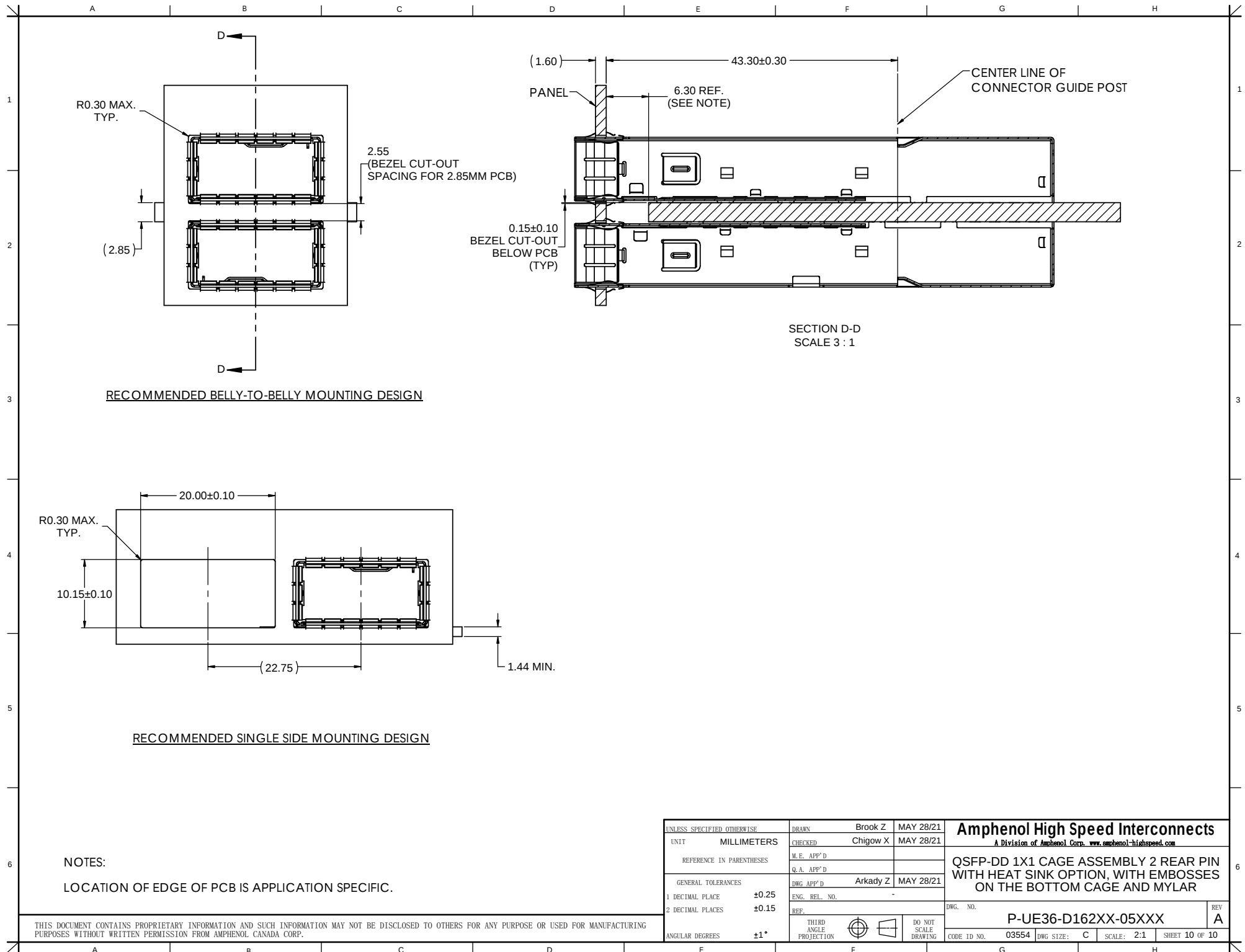
RECOMMENDED BELLY-TO-BELLY MOUNTING DESIGN

NOTES:

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

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UNIT		CHECKED	Chigow X	MAY 28/21		
REFERENCE IN PARENTHESES		M.E. APP'D			QSFP-DD 1X1 CAGE ASSEMBLY 2 REAR PIN WITH HEAT SINK OPTION, WITH EMBOSES ON THE BOTTOM CAGE AND MYLAR	
GENERAL TOLERANCES		Q.A. APP'D				
1 DECIMAL PLACE	±0.25	DWG APP'D	Arkady Z	MAY 28/21	P-UE36-D162XX-05XXX	
2 DECIMAL PLACES	±0.15	ENG. REL. NO.	-			
ANGULAR DEGREES	±1°	REF.			DWG. NO.	REV
		THIRD ANGLE PROJECTION				A
		DO NOT SCALE DRAWING			CODE ID NO.	
					03554	
					DWG SIZE:	
					C	
					SCALE:	
					2:1	
					SHEET	
					9 OF 10	



UNLESS SPECIFIED OTHERWISE		DRAWN	Brook Z	MAY 28/21	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com	
UNIT		CHECKED	Chigow X	MAY 28/21		
REFERENCE IN PARENTHESES		M.E. APP'D			QSFP-DD 1X1 CAGE ASSEMBLY 2 REAR PIN WITH HEAT SINK OPTION, WITH EMBOSES ON THE BOTTOM CAGE AND MYLAR	
GENERAL TOLERANCES		Q.A. APP'D				
1 DECIMAL PLACE	±0.25	DWG APP'D	Arkady Z	MAY 28/21	DWG. NO. P-UE36-D162XX-05XXX	
2 DECIMAL PLACES	±0.15	ENG. REL. NO.	-			
ANGULAR DEGREES	±1°	REF.			CODE ID NO. 03554 DWG SIZE: C SCALE: 2:1 SHEET 10 OF 10	
		THIRD ANGLE PROJECTION				
		DO NOT SCALE DRAWING			REV A	

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