

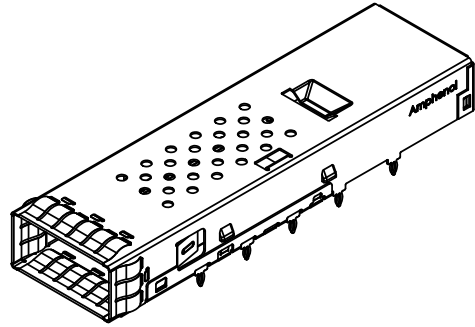
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	INITIAL RELEASE	JUN.10, 20	A.Z

AMPHENOL PART NUMBER CONFIGURATION
 UE36 - C1650 X -05 XX X

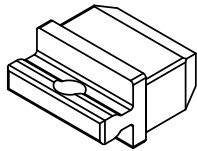
VENTING OPTION
 0 = STANDARD
 4 = TOP CLOSED

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
 3= BASED ON "1", WITH DUST COVER

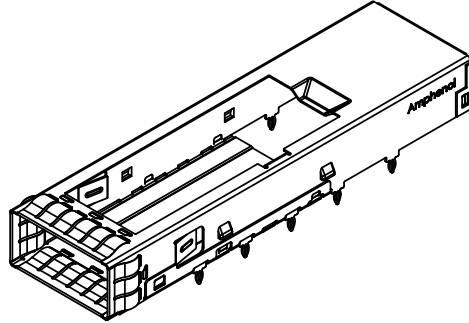
HEAT SINK OPTION
 00= NO HEAT SINK
 01= NO HEAT SINK, WITH CLIP
 A2= WITH FIN PIN STYLE HEAT SINK (H=4.2MM; PCI HEIGHT, FRONT-BACK AIR FLOW)
 A3= WITH FIN PIN STYLE HEAT SINK (H=6.5MM; SAN HEIGHT, FRONT-BACK AIR FLOW)
 A4= WITH FIN PIN STYLE HEAT SINK (H=13.5MM; TALL HEIGHT, FRONT-BACK AIR FLOW)
 A5= WITH FIN PIN STYLE HEAT SINK (H=4.5MM; SPECIAL HEIGHT)
 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)
 UH= WITH ZIPPED-FIN STYLE HEAT SINK (H=10.3MM; SPECIAL HEIGHT; TOTAL 14 FINS)
 UM= WITH ZIPPED-FIN STYLE HEAT SINK (H=5.4MM; SPECIAL HEIGHT; TOTAL 14 FINS)
 59= WITH ZIPPED-FIN STYLE HEAT SINK (H=14.5MM; TALL HEIGHT; TOTAL 15 FINS)



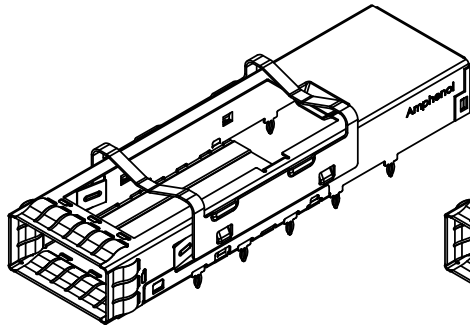
PN: UE36-C16504-05001
 SHOWN



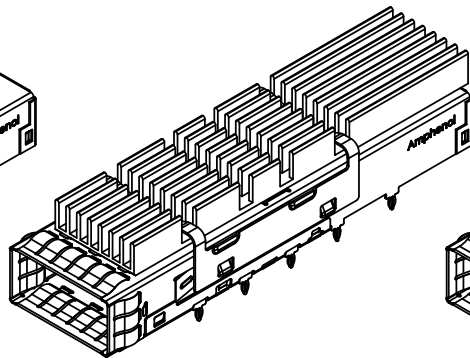
CONDUCTIVE DUST COVER
 SHOWN (OPTIONAL)
 SHIPPED LOOSE
 P/N U90-1401-8000-BP



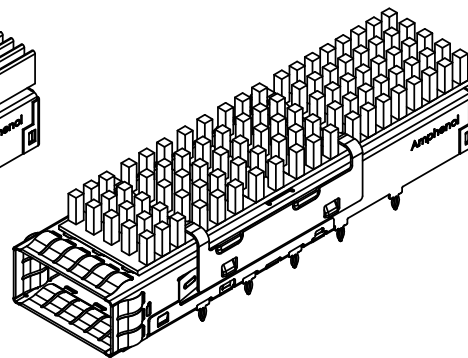
PN: UE36-C16500-05001
 SHOWN



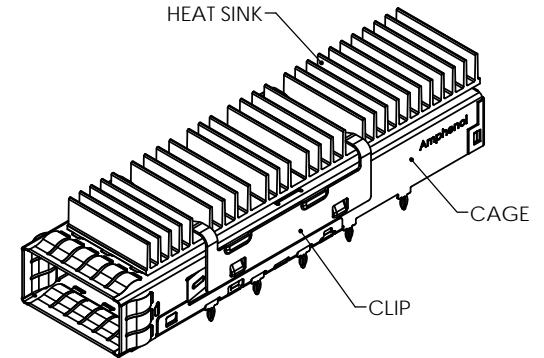
PN: UE36-C16500-05011
 SHOWN



PN: UE36-C1650X-05AXX
 SHOWN



PN: UE36-C1650X-05BXX
 SHOWN



PN: UE36-C1650X-05CXX
 SHOWN

NOTES:

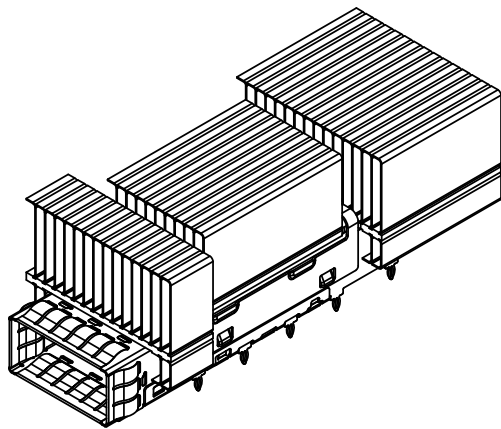
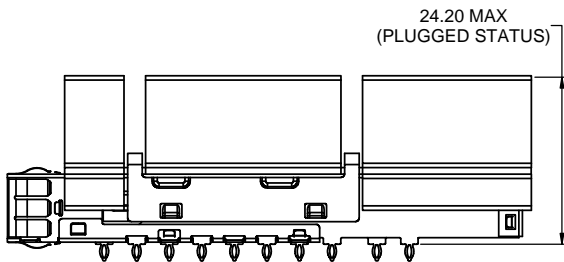
- MATERIAL:
 CAGE AND EMI SPRINGS: STAINLESS STEEL
 HEAT SINK: NICKEL PLATED ALUMINUM ALLOY
 HEAT SINK CLIP: STAINLESS STEEL



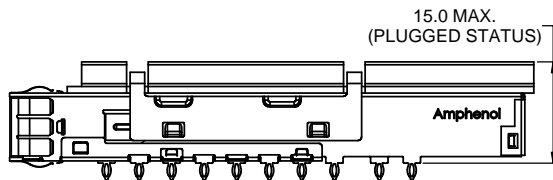
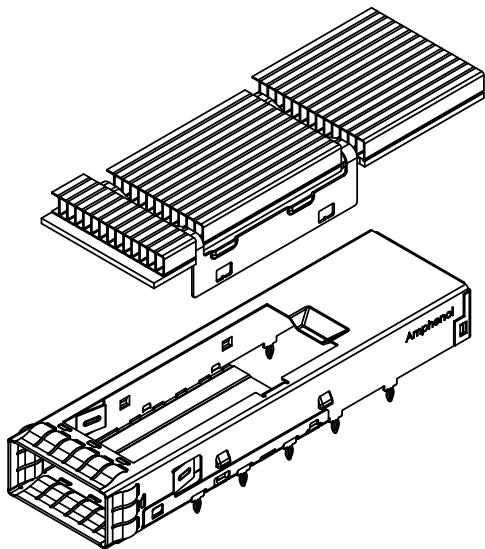
UNLESS SPECIFIED OTHERWISE	DRAWN	Peter.Z	JUN.10, 20
UNIT	MILLIMETERS	CHECKED	Chigow X
REFERENCE IN PARENTHESES	M.E. APP'D	Q.A. APP'D	
GENERAL TOLERANCES	DWG APP'D	ARKADY Z	JUN.10, 20
1 DECIMAL PLACE	±0.25	ENG. REL. NO.	-
2 DECIMAL PLACES	±0.15	REF.	
ANGULAR DEGREES	±1°	THIRD ANGLE PROJECTION	
		DO NOT SCALE DRAWING	

Amphenol High Speed Interconnects
 A Division of Amphenol Corp. www.amphenol-highspeed.com
 QSFP-DD 1X1 CAGE ASSEMBLY
 NO REAR PIN
 WITH HEAT SINK OPTION
 EMBOSSES ON THE BOTTOM CAGE

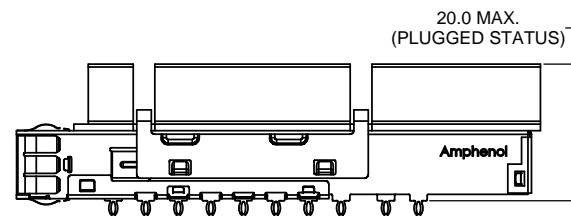
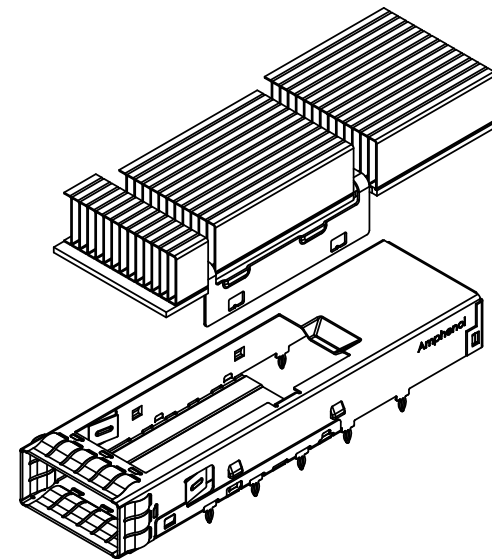
DWG. NO.	P-UE36-C165XX-05XXX	REV	A
CODE ID NO.	03554	DWG. SIZE:	C
SCALE:	1:1	SHEET 1 OF 7	



PN: UE36-C16500-0559A
SHOWN



PN: UE36-C16500-05UM1
SHOWN

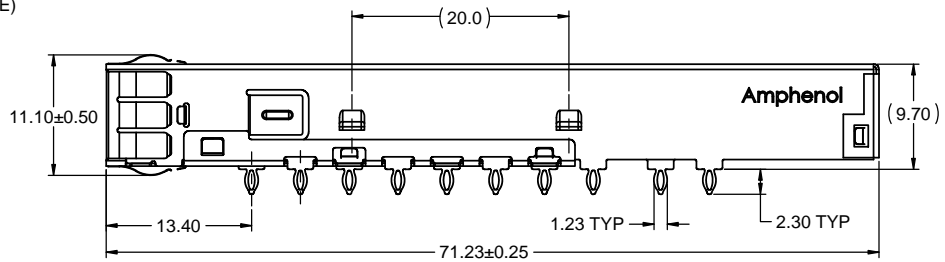
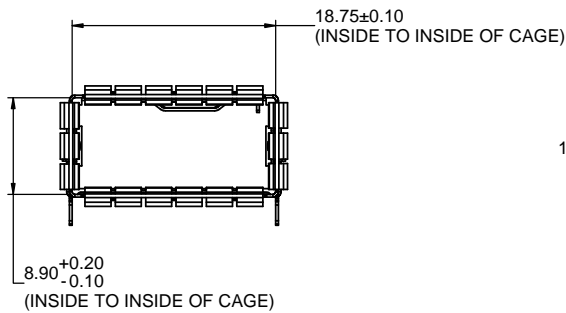
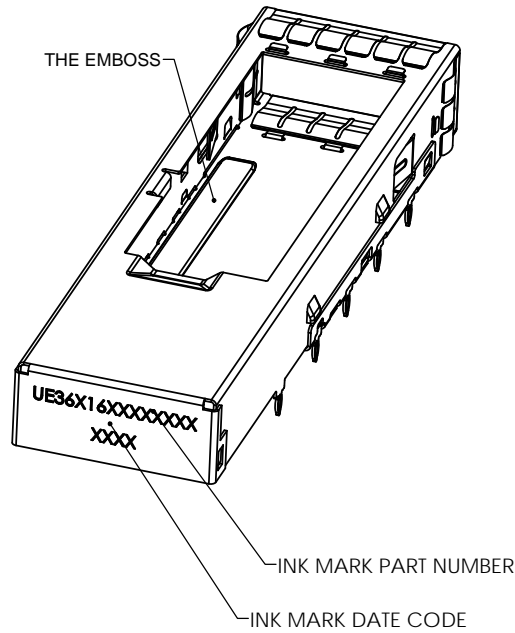
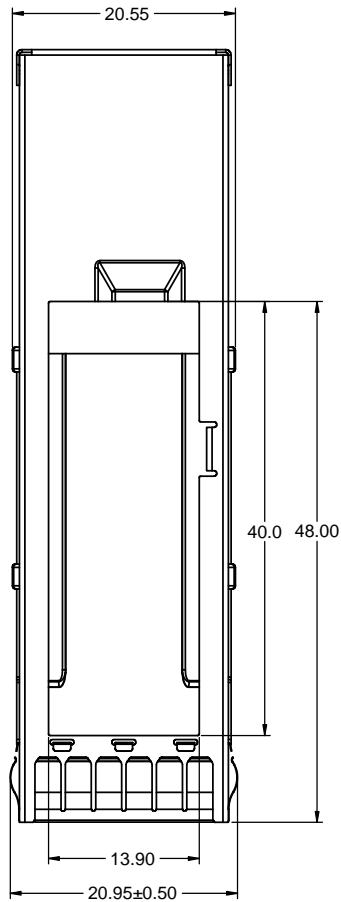


PN: UE36-C16500-05UH1
SHOWN

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

UNLESS SPECIFIED OTHERWISE	DRAWN	Peter.Z	JUN.10, 20
UNIT	MILLIMETERS	CHECKED	Chigow X
REFERENCE IN PARENTHESES		M.E. APP'D	
GENERAL TOLERANCES		Q.A. APP'D	
1 DECIMAL PLACE	±0.25	DWG APP'D	Arkady Z
2 DECIMAL PLACES	±0.15	ENG. REL. NO.	-
ANGULAR DEGREES	±1°	REF.	
		THIRD ANGLE PROJECTION	
		DO NOT SCALE DRAWING	

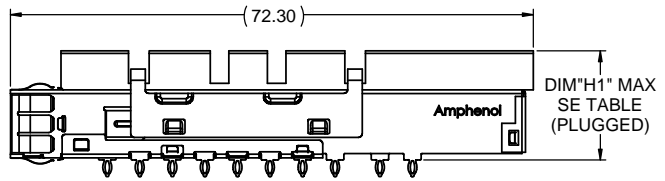
Amphenol High Speed Interconnects			
A Division of Amphenol Corp. www.amphenol-highspeed.com			
QSFP-DD 1X1 CAGE ASSEMBLY NO REAR PIN WITH HEAT SINK OPTION EMBOSSES ON THE BOTTOM CAGE			
DWG. NO.	P-UE36-C165XX-05XXX		REV. A
CODE ID NO.	03554	DWG SIZE: C	SCALE: 1:1 SHEET 2 OF 7



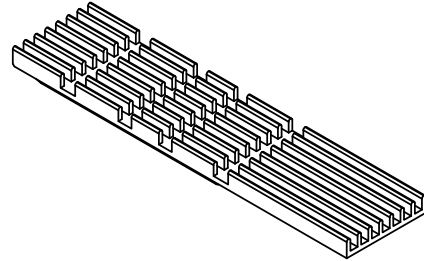
PN: UE36-C16500-05001 SHOWN

UNLESS SPECIFIED OTHERWISE		DRAWN	Peter.Z	JUN.10, 20
UNIT	MILLIMETERS	CHECKED	Chigow X	JUN.10, 20
REFERENCE IN PARENTHESES		M.E. APP'D		
GENERAL TOLERANCES		Q.A. APP'D		
1 DECIMAL PLACE	±0.25	DWG APP'D	Arkady Z	JUN.10, 20
2 DECIMAL PLACES	±0.15	ENG. REL. NO.	-	
ANGULAR DEGREES	±1°	REF.		
		THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING

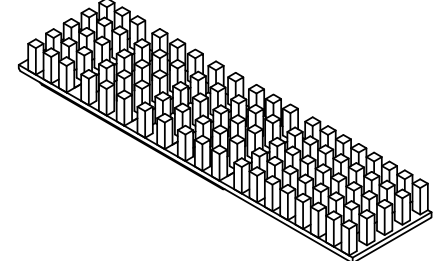
Amphenol High Speed Interconnects			
A Division of Amphenol Corp. www.amphenol-highspeed.com			
QSFP-DD 1X1 CAGE ASSEMBLY NO REAR PIN WITH HEAT SINK OPTION EMBOSSSES ON THE BOTTOM CAGE			
DWG. NO.	P-UE36-C165XX-05XXX		REV A
CODE ID NO.	03554	DWG SIZE: C	SCALE: 2:1 SHEET 3 OF 7



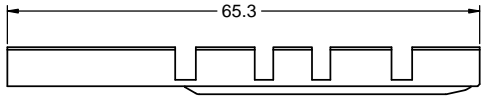
PN: UE36-C16500-05XXX SHOWN WITH HEAT SINK VIEW OTHER DIMENSIONS SEE PAGE 2.



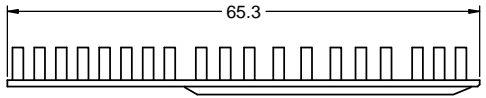
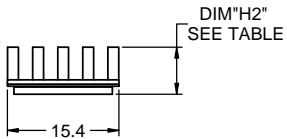
HEAT SINK VIEW PN U36-1101-6XXA-BP



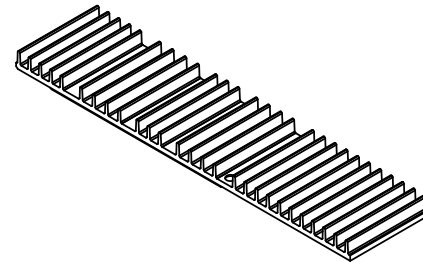
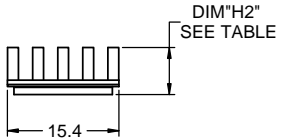
HEAT SINK VIEW PN U36-1101-6XXB-BP



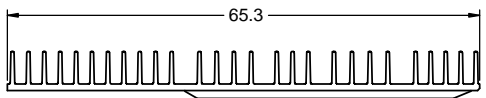
HEAT SINK VIEW PN U36-1101-6XXA-BP SEE TABLE



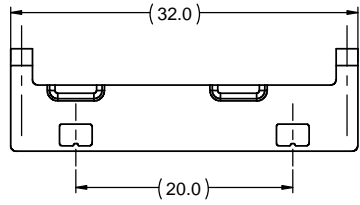
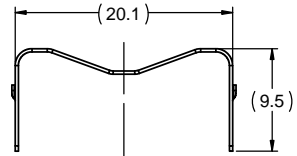
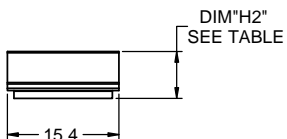
HEAT SINK VIEW PN U36-1101-6XXB-BP SEE TABLE



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



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



CLIP VIEW PN U90-1101-7060-BP

PART NUMBER	HEAT SINK P/N	DIM"H2"	DIM"H1"(MAX)
UE36C1650005X2X	U36-1101-611X-BP	4.2MM	13.7MM
UE36C1650005X3X	U36-1101-610X-BP	6.5MM	16.0MM
UE36C1650005X4X	U36-1101-612X-BP	13.5MM	23.0MM
UE36C1650005X5X	U36-1101-613X-BP	4.5MM	14.0MM
UE36C1650005XHX	N/A	10.3MM	19.8MM
UE36C1650005XMX	N/A	5.4MM	14.9MM

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

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

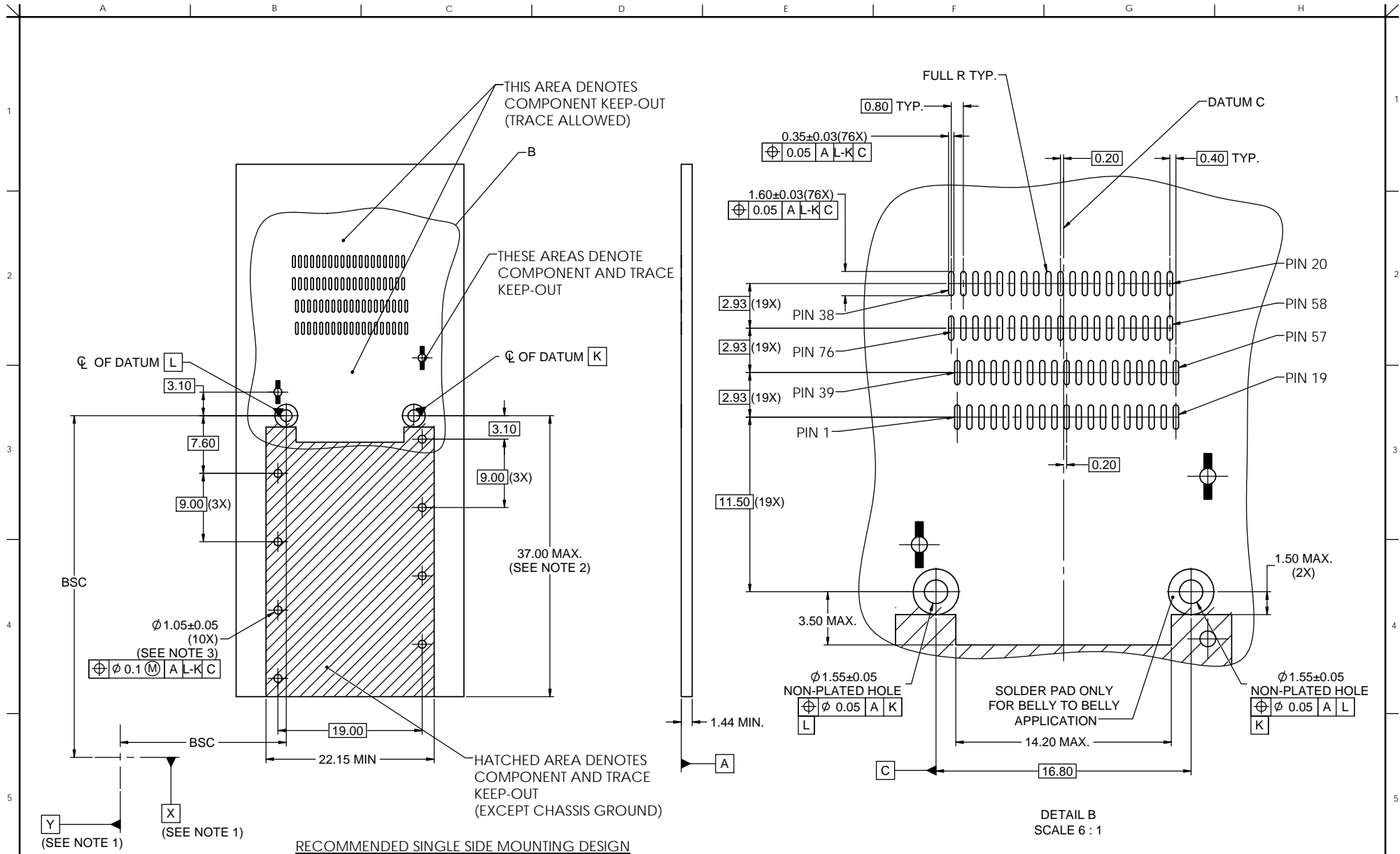
UNLESS SPECIFIED OTHERWISE	DRAWN Peter.Z JUN.10, 20
UNIT MILLIMETERS	CHECKED Chigow X JUN.10, 20
REFERENCE IN PARENTHESES	M.E. APP'D
GENERAL TOLERANCES	Q.A. APP'D
1 DECIMAL PLACE ±0.25	DWG APP'D Arkady Z JUN.10, 20
2 DECIMAL PLACES ±0.15	ENG. REL. NO. -
ANGULAR DEGREES ±1°	REF.
	THIRD ANGLE PROJECTION
	DO NOT SCALE DRAWING

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

QSFP-DD 1X1 CAGE ASSEMBLY
 NO REAR PIN
 WITH HEAT SINK OPTION
 EMBOSSES ON THE BOTTOM CAGE

DWG. NO. P-UE36-C165XX-05XXX REV A

CODE ID NO. 03554 DWG SIZE: C SCALE: 2:1 SHEET 4 OF 7



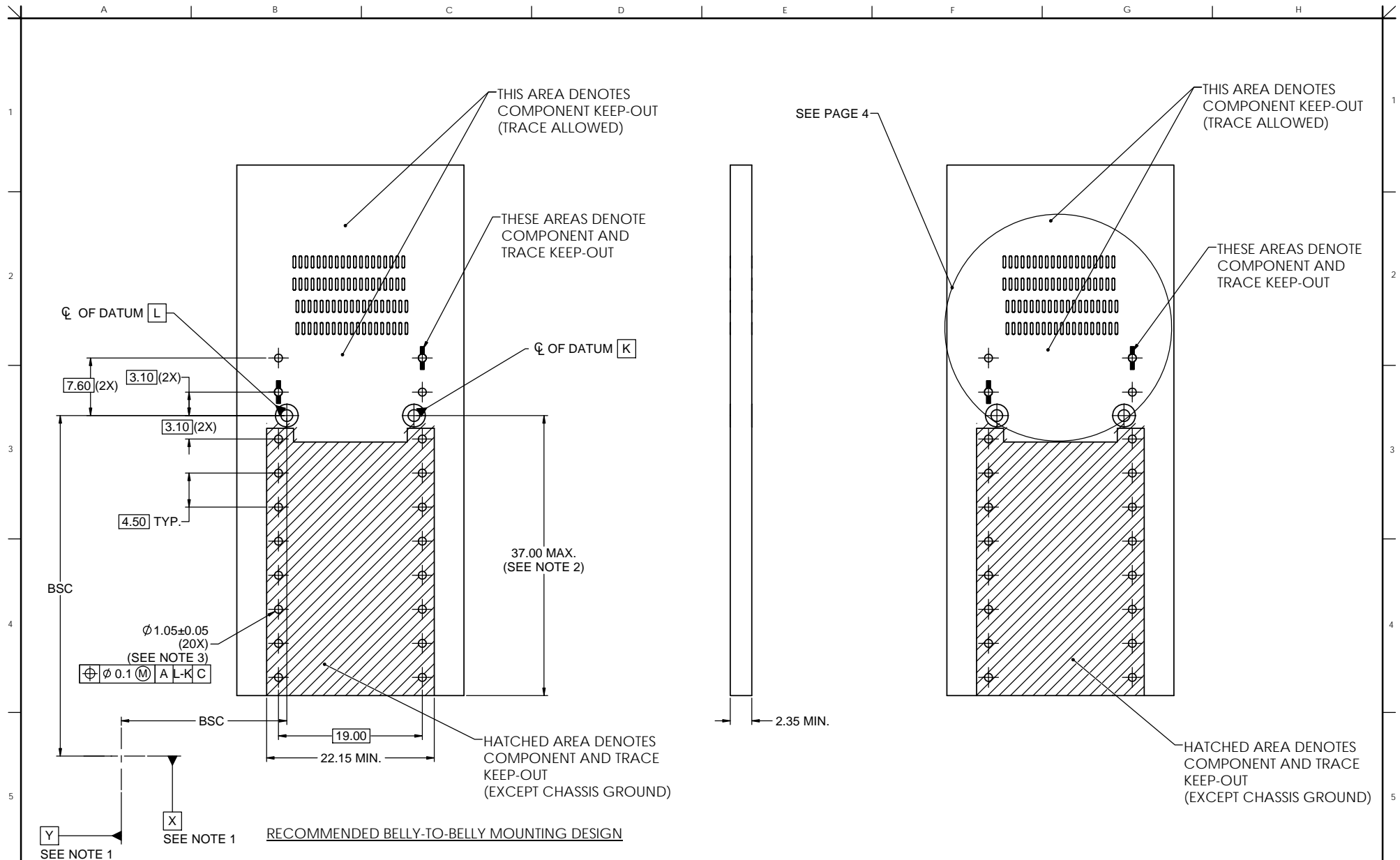
NOTES:

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

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

UNLESS SPECIFIED OTHERWISE	DRAWN	Peter.Z	JUN.10, 20
UNIT	MILLIMETERS	CHECKED	Chigow X
REFERENCE IN PARENTHESES		M.E. APP'D	
GENERAL TOLERANCES		Q.A. APP'D	
1 DECIMAL PLACE	±0.25	DWG APP'D	Arkady Z
2 DECIMAL PLACES	±0.15	ENG. REL. NO.	-
ANGULAR DEGREES	±1°	REF.	
		THIRD ANGLE PROJECTION	
		DO NOT SCALE DRAWING	

Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com		QSF-DD 1X1 CAGE ASSEMBLY NO REAR PIN WITH HEAT SINK OPTION EMBOSSES ON THE BOTTOM CAGE	REV
			A
DWG. NO. P-UE36-C165XX-05XXX		SHEET 5 OF 7	
CODE ID NO. 03554	DWG SIZE: C	SCALE: 2:1	SHEET 5 OF 7



SEE NOTE 1

SEE NOTE 1

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.

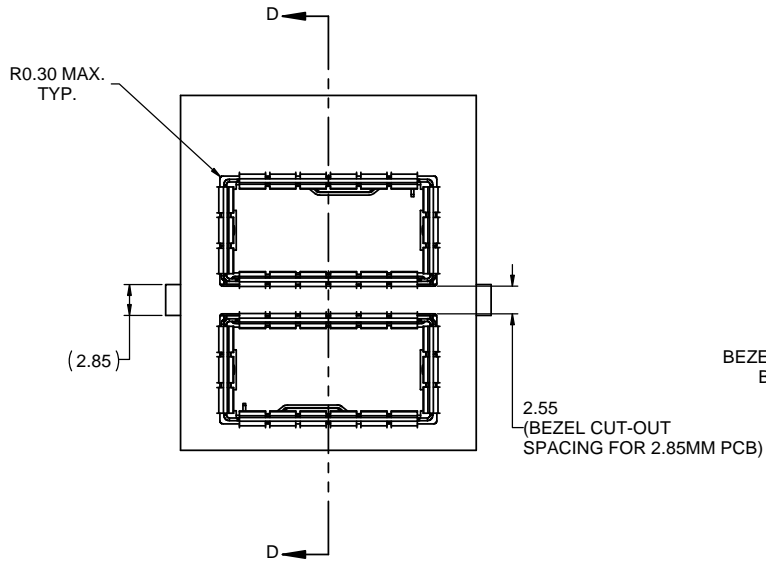
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

UNLESS SPECIFIED OTHERWISE	DRAWN	Peter.Z	JUN.10, 20
UNIT	CHECKED	Chigow X	JUN.10, 20
REFERENCE IN PARENTHESES	M.E. APP'D		
GENERAL TOLERANCES	Q.A. APP'D	Arkady Z	JUN.10, 20
1 DECIMAL PLACE	DWG APP'D		
2 DECIMAL PLACES	ENG. REL. NO.	-	
ANGULAR DEGREES	REF.		
	THIRD ANGLE PROJECTION		
	DO NOT SCALE DRAWING		

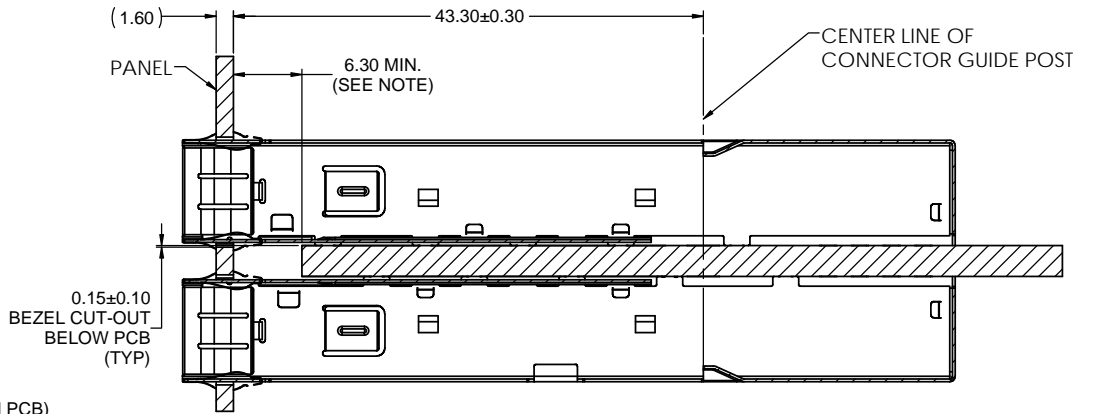
Amphenol High Speed Interconnects
 A Division of Amphenol Corp. www.amphenol-highspeed.com
QSFP-DD 1X1 CAGE ASSEMBLY
NO REAR PIN
WITH HEAT SINK OPTION
EMBOSSES ON THE BOTTOM CAGE

DWG. NO. **P-UE36-C165XX-05XXX** REV **A**

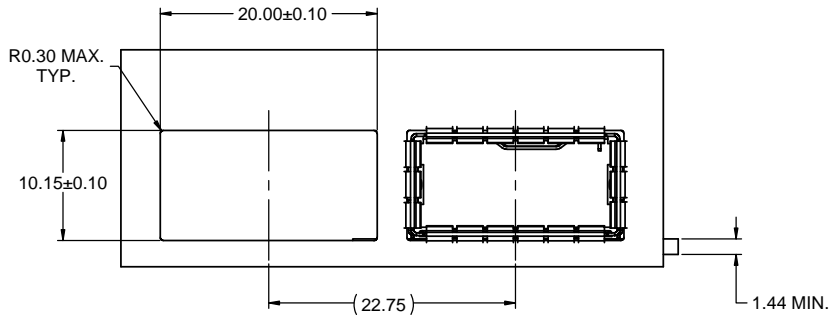
CODE ID NO. **03554** DWG SIZE: **C** SCALE: **2:1** SHEET **6** OF **7**



RECOMMENDED BELLY-TO-BELLY MOUNTING DESIGN



SECTION D-D
SCALE 3 : 1



RECOMMENDED SINGLE SIDE MOUNTING DESIGN

NOTES:
LOCATION OF EDGE OF PCB IS APPLICATION SPECIFIC.

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

UNLESS SPECIFIED OTHERWISE		DRAWN	Peter.Z	JUN.10, 20
UNIT	MILLIMETERS	CHECKED	Chigow X	JUN.10, 20
REFERENCE IN PARENTHESES		M.E. APP'D		
GENERAL TOLERANCES		Q.A. APP'D		
1 DECIMAL PLACE	±0.25	DWG APP'D	Arkady Z	JUN.10, 20
2 DECIMAL PLACES	±0.15	ENG. REL. NO.	-	
ANGULAR DEGREES	±1°	REF.		
		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
NO REAR PIN
WITH HEAT SINK OPTION
EMBOSSES ON THE BOTTOM CAGE**

DWG. NO.	P-UE36-C165XX-05XXX	REV	A
CODE ID NO.	03554	DWG SIZE:	C
SCALE:	2:1	SHEET	7 OF 7