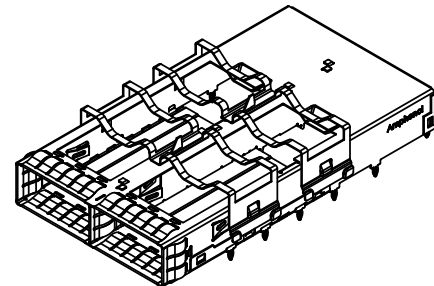
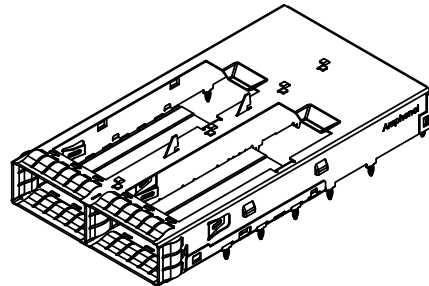


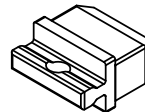
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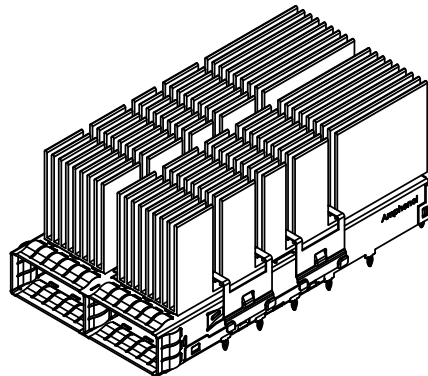
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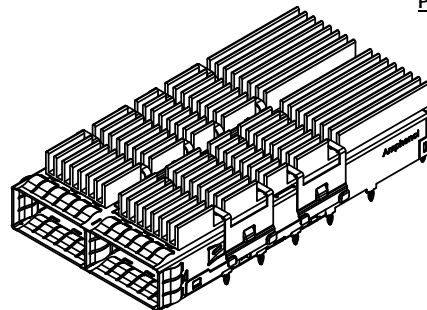
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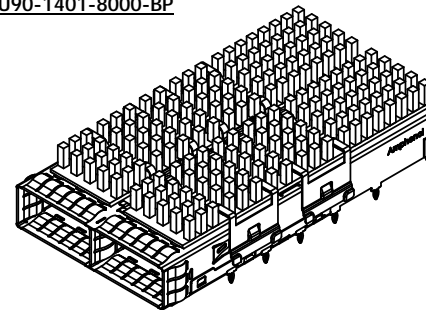
CONDUCTIVE DUST COVER
SHOWN (OPTIONAL)
SHIPPED LOOSE
P/N U90-1401-8000-BP



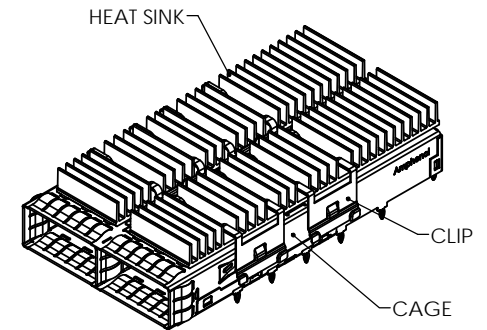
PN: UE36-C26200-05D6A SHOWN



PN: UE36-C26200-05AXA SHOWN



PN: UE36-C26200-05BXA SHOWN



PN: UE36-C26200-05CXA SHOWN

AMPHENOL PART NUMBER CONFIGURATION
UE36 - C26X0 X -05 XX X

REAR PIN OPTION

2 = ONE REAR PIN EACH PORT
5 = ZERO REAR PIN EACH PORT

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, TOP OPENING
01 = NO HEAT SINK, WITH CLIP
A2 = WITH FIN PIN STYLE HEAT SINK (H=4.2MM; PCI HEIGHT)
A3 = WITH FIN PIN STYLE HEAT SINK (H=6.5MM; SAN HEIGHT)
A4 = WITH FIN PIN STYLE HEAT SINK (H=13.5MM; TALL HEIGHT)
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)
D6 = WITH FIN PIN STYLE HEAT SINK (H=21.5MM; SPECIAL HEIGHT; TOTAL 9FINS)
QN = WITH ZIPPED FIN STYLE HEAT SINK (H=32.2MM; SIDE TO SIDE AIR FLOW, COPPER)
12 = WITH ZIPPED FIN STYLE HEAT SINK (H=6.5MM; FRONT TO BACK AIR FLOW; 15FINS)
15 = WITH ZIPPED FIN STYLE HEAT SINK (H=13.5MM; FRONT TO BACK AIR FLOW; 15FINS)
16 = WITH ZIPPED FIN STYLE HEAT SINK (H=20.5MM; FRONT TO BACK AIR FLOW; 15FINS)
UM = WITH ZIPPED FIN STYLE HEAT SINK (H=5.4MM; FRONT TO BACK AIR FLOW; 8FINS)
44 = WITH ZIPPED FIN STYLE AND FIN PIN HEAT SINK (H=6.6MM; FRONT TO BACK AIR FLOW; 13FINS)
46 = WITH ZIPPED FIN STYLE HEAT SINK (H=6.7MM; FRONT TO BACK AIR FLOW; 12FINS)

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	INITIAL RELEASE	MAR.11, 21	A.Z
B	CHANGE THE HEATSINK OPTION "UM"	MAR.12, 21	A.Z
C	ADD THE HEATSINK OPTION "46"	APR.08, 21	A.Z

NOTES:

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

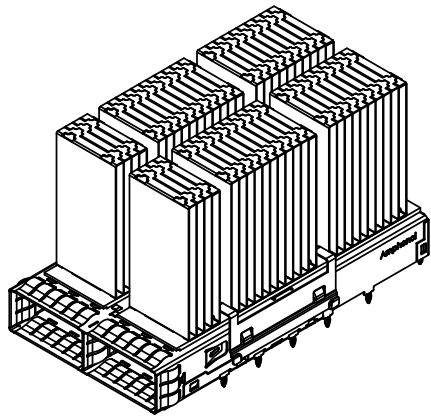


UNLESS SPECIFIED OTHERWISE	DRAWN	Peter.Z	MAR.11, 21
UNIT	MILLIMETERS	CHECKED	Chigow X
REFERENCE IN PARENTHESES	M.E. APP'D	Q.A. APP'D	
GENERAL TOLERANCES	DWG APP'D	ARKADY.Z	
1 DECIMAL PLACE	±0.25	ENG. REL. NO.	-
2 DECIMAL PLACES	±0.15	REF.	
ANGULAR DEGREES	±1°	THIRD ANGLE PROJECTION	
		DO NOT SCALE DRAWING	

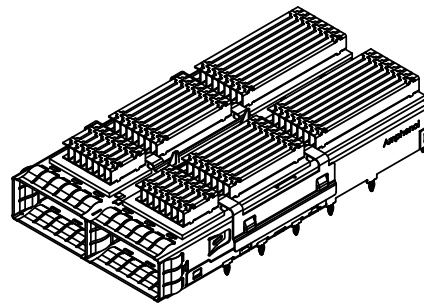
Amphenol High Speed Interconnects

A Division of Amphenol Corp. www.amphenol-highspeed.com
QSFP-DD 1X2 CAGE ASSEMBLY
THROUGH THE BEZEL, REAR PIN OPTIONAL
WITH HEAT SINK OPTIONAL
WITH EMBOSSES ON THE BOTTOM CAGE

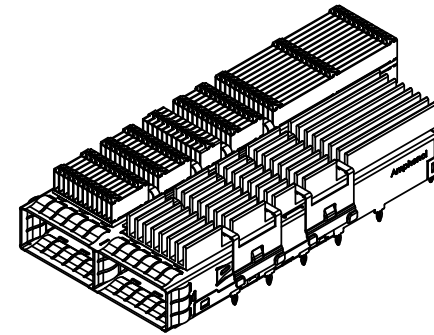
DWG. NO.	P-UE36-C26X0X-05XXX	REV	C
CODE ID NO.	03554	DWG. SIZE:	C
SCALE:	1:1	SHEET 1 OF 10	



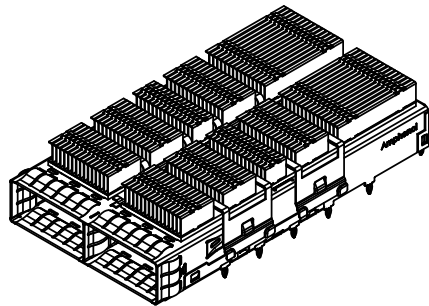
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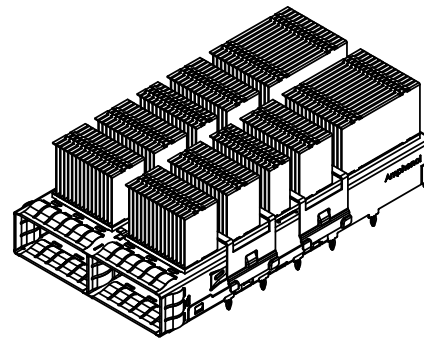
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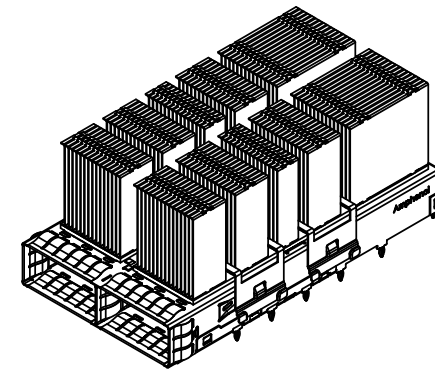
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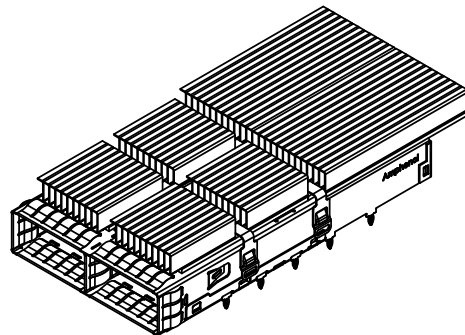
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PN: UE36-C26200-0515A SHOWN



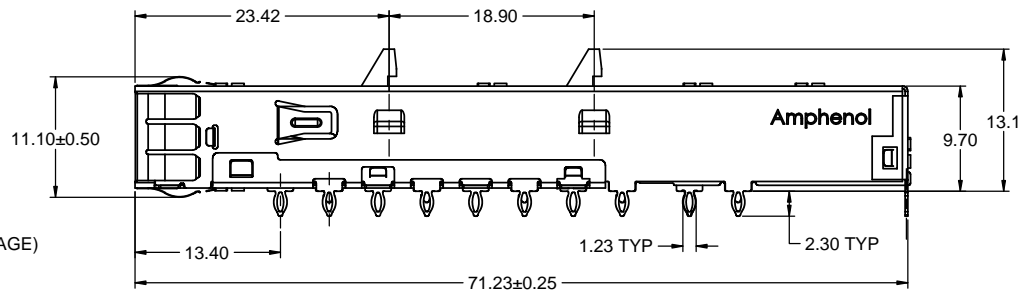
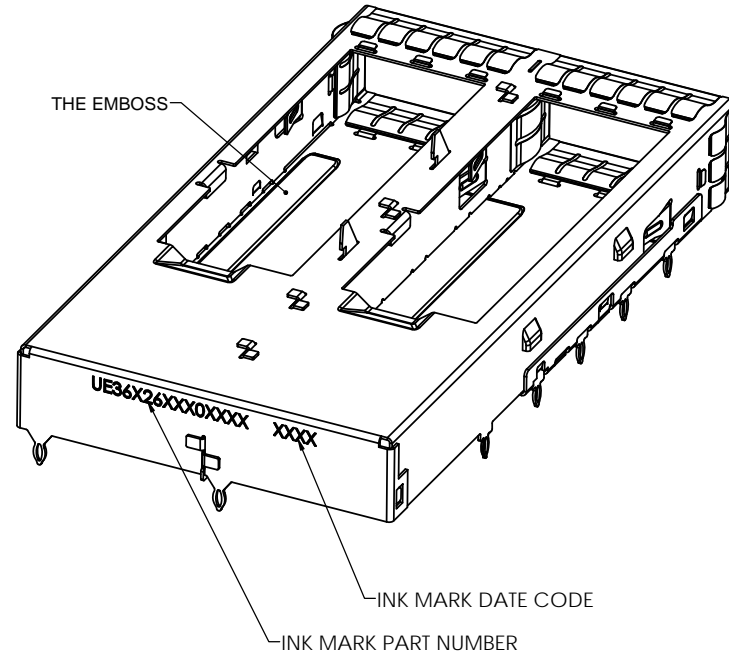
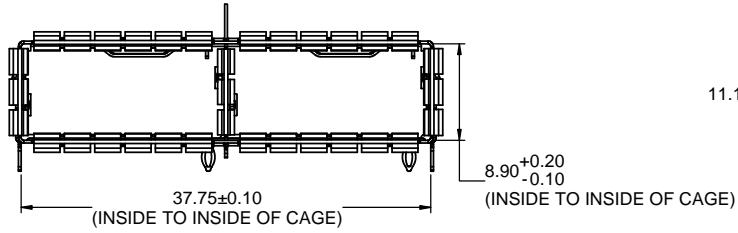
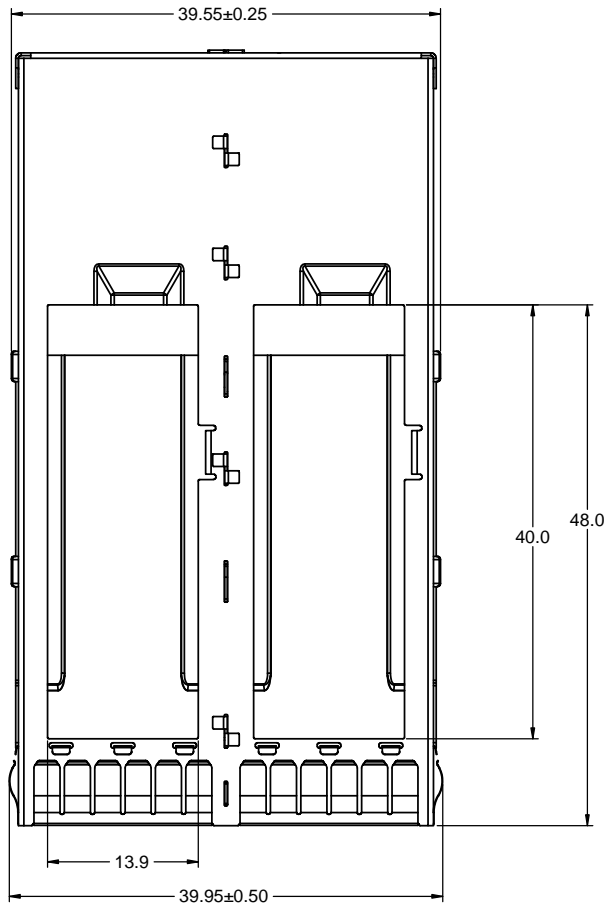
PN: UE36-C26200-0516A SHOWN



PN: UE36-C26500-0546A SHOWN

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UNLESS SPECIFIED OTHERWISE		DRAWN	Peter.Z	MAR.11, 21	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com
UNIT	MILLIMETERS	CHECKED	Chigow X		
REFERENCE IN PARENTHESES		M.E. APP'D			QSFP-DD 1X2 CAGE ASSEMBLY THROUGH THE BEZEL, REAR PIN OPTIONAL WITH HEAT SINK OPTIONAL WITH EMBOSSES ON THE BOTTOM CAGE
GENERAL TOLERANCES		Q.A. APP'D			
1 DECIMAL PLACE	±0.25	DWG APP'D	Arkady.Z		DWG. NO.
2 DECIMAL PLACES	±0.15	ENG. REL. NO.	-		P-UE36-C26X0X-05XXX
ANGULAR DEGREES	±1°	REF.			REV
		THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING	C
		CODE ID NO.	03554	DWG SIZE: C	SCALE: 2:1
				SHEET 2 OF 10	

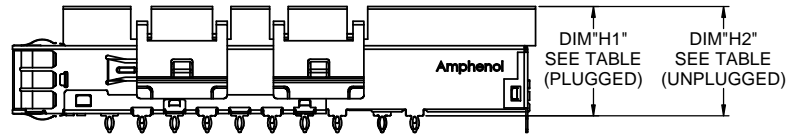


PN: UE36-C26200-05001 SHOWN

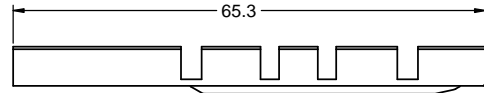
UNLESS SPECIFIED OTHERWISE	DRAWN	Peter.Z	MAR.11, 21
UNIT	MILLIMETERS	CHECKED	Chigow X
REFERENCE IN PARENTHESES	M.E. APP'D	Q.A. APP'D	
GENERAL TOLERANCES	DWG APP'D	Arkady.Z	
1 DECIMAL PLACE	±0.25	ENG. REL. NO.	-
2 DECIMAL PLACES	±0.15	REF.	
ANGULAR DEGREES	±1°	THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING

Amphenol High Speed Interconnects			
A Division of Amphenol Corp. www.amphenol-highspeed.com			
QSFP-DD 1X2 CAGE ASSEMBLY THROUGH THE BEZEL, REAR PIN OPTIONAL WITH HEAT SINK OPTIONAL WITH EMBOSSSES ON THE BOTTOM CAGE			
DWG. NO.	P-UE36-C26X0X-05XXX		
CODE ID NO.	03554	DWG SIZE:	C
SCALE:	2:1	SHEET	3 OF 10

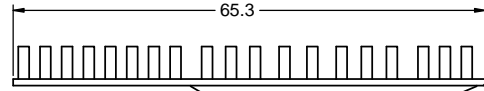
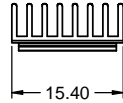
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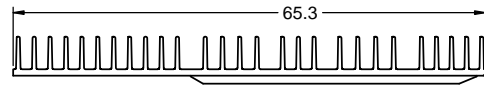
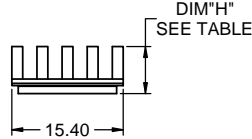
PN: UE36-C26200-05AXX SHOWN
WITH HEAT SINK VIEW
OTHER DIMENSIONS SEE PAGE 3.



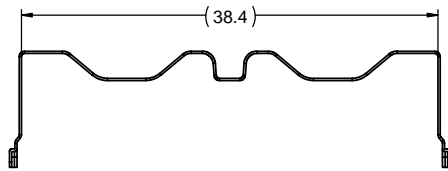
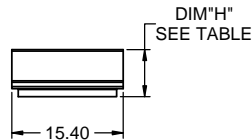
CLIP VIEW PN U36-1101-6XXA-BP
SEE TABLE



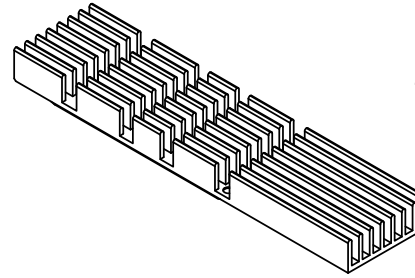
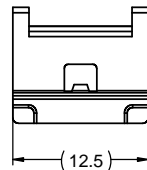
CLIP VIEW PN U36-1101-6XXB-BP
SEE TABLE



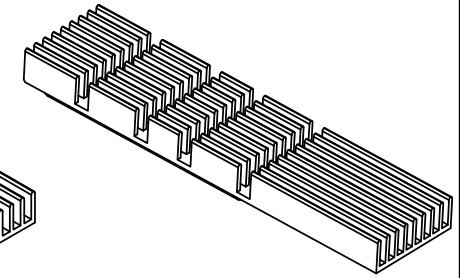
CLIP VIEW PN U36-1101-6XXC-BP
SEE TABLE



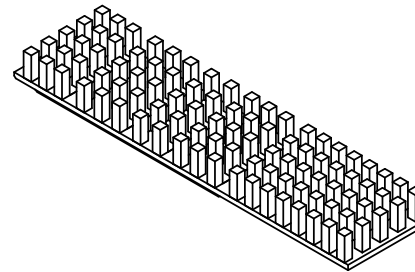
CLIP VIEW PN U90-1221-7001-BP



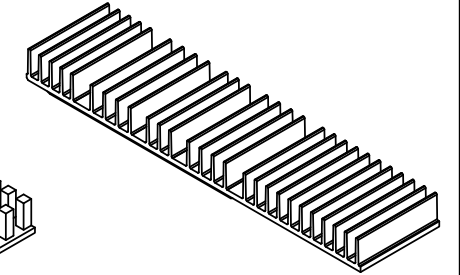
HEAT SINK VIEW PN U36-1101-6XXA-BP



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

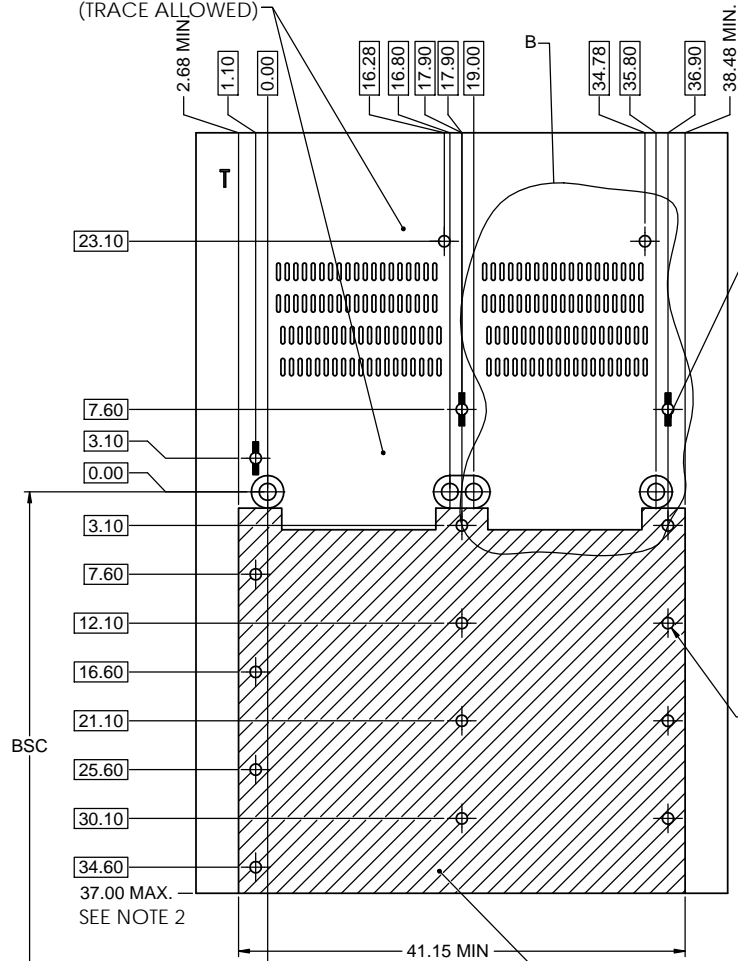
PART NUMBER	HEAT SINK P/N	DIM"H"	DIM"H1"	DIM"H2"
UE36C26X0005X2X	U36-1101-611X-BP	4.2MM	13.7MM	12.8MM
UE36C26X0005X3X	U36-1101-610X-BP	6.5MM	16.0MM	15.1MM
UE36C26X0005X4X	U36-1101-612X-BP	13.5MM	23.0MM	22.1MM
UE36C26X0005X5X	U36-1101-613X-BP	4.5MM	14.0MM	13.1MM
UE36C26X0005X6X	U36-1101-615X-BP	21.5MM	31.0MM	30.1MM
UE36C26X0005QNX	U36-1101-63HL1-BP	32.2MM	41.7MM	40.8MM
UE36C26X000512X	U36-1101-610K9-BP	6.5MM	16.0MM	15.1MM
UE36C26X000515X	U36-1101-612K9-BP	13.5MM	23.0MM	22.1MM
UE36C26X000516X	U36-1101-61PK9-BP	20.5MM	30.0MM	29.1MM
UE36C26X0005UMX	U36-1102-61CK6-BP	5.4MM	14.9MM	14.0MM
UE36C26X000544X	U36-1101-610K20-BP U36-1101-6X0A-BP	6.6MM	16.1MM	15.2MM

UNLESS SPECIFIED OTHERWISE		DRAWN	Peter.Z	MAR.11, 21
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		

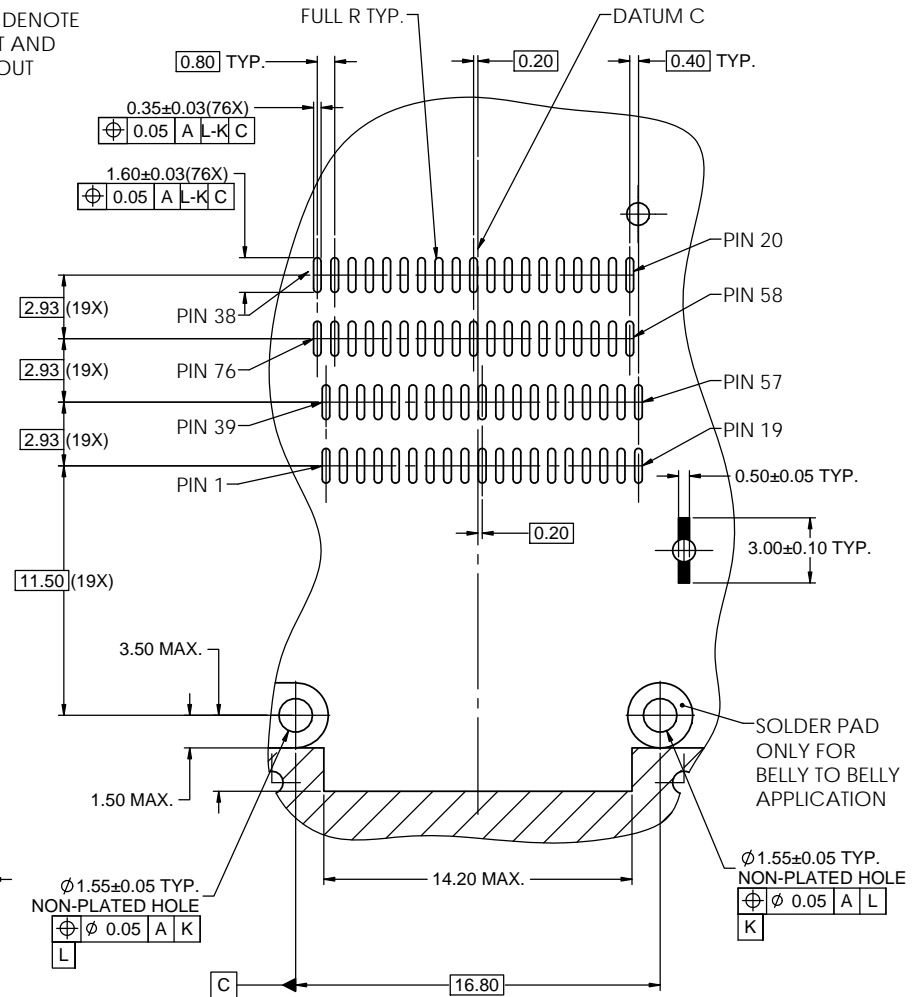
Amphenol High Speed Interconnects			
A Division of Amphenol Corp. www.amphenol-highspeed.com			
QSFP-DD 1X2 CAGE ASSEMBLY THROUGH THE BEZEL, REAR PIN OPTIONAL WITH HEAT SINK OPTIONAL WITH EMBOSSES ON THE BOTTOM CAGE			
DWG. NO.	P-UE36-C26X0X-05XXX		REV C
CODE ID NO.	03554	DWG SIZE: C	SCALE: 2:1 SHEET 4 OF 10

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

THIS AREA DENOTES
COMPONENT KEEP-OUT
(TRACE ALLOWED)



THESE AREAS DENOTE
COMPONENT AND
TRACE KEEP-OUT



DETAIL B
SCALE 6 : 1

HATCHED AREA DENOTES
COMPONENT AND TRACE KEEP-OUT
(EXCEPT CHASSIS GROUND)

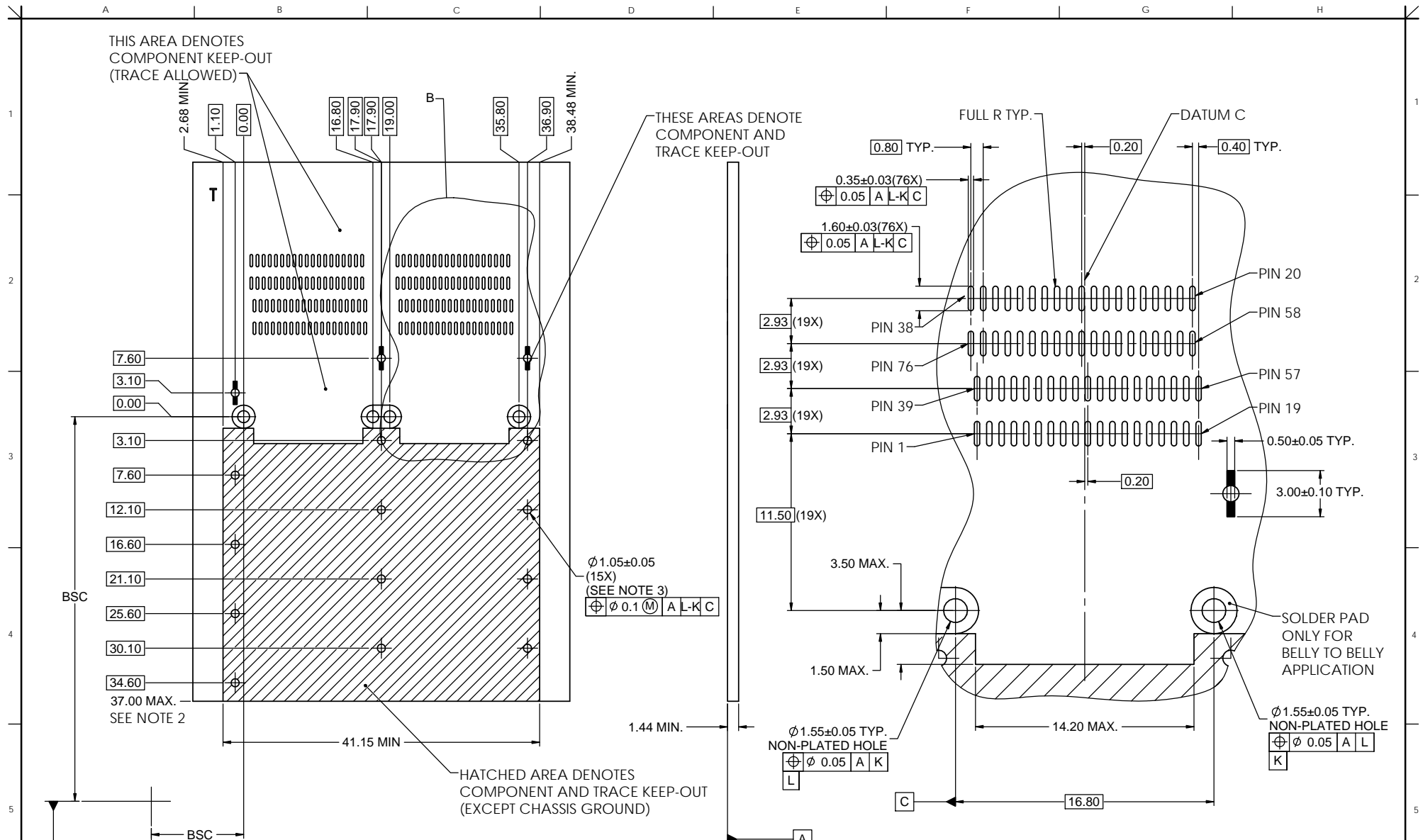
RECOMMENDED SINGLE SIDED MOUNTING DESIGN
FOR ONE REAR PIN EACH PORT

NOTES:

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

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UNLESS SPECIFIED OTHERWISE		DRAWN	Peter.Z	MAR.11, 21	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com
UNIT	MILLIMETERS	CHECKED	Chigow X		
REFERENCE IN PARENTHESES		M.E. APP'D			QSFP-DD 1X2 CAGE ASSEMBLY THROUGH THE BEZEL, REAR PIN OPTIONAL WITH HEAT SINK OPTIONAL WITH EMBOSES ON THE BOTTOM CAGE
GENERAL TOLERANCES		Q.A. APP'D			
1 DECIMAL PLACE	±0.25	DWG APP'D	Arkady.Z		P-UE36-C26X0X-05XXX
2 DECIMAL PLACES	±0.15	ENG. REL. NO.	-		
ANGULAR DEGREES	±1°	REF.			REV C
		THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING	CODE ID NO. 03554 DWG SIZE: C SCALE: 2:1 SHEET 5 OF 10



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

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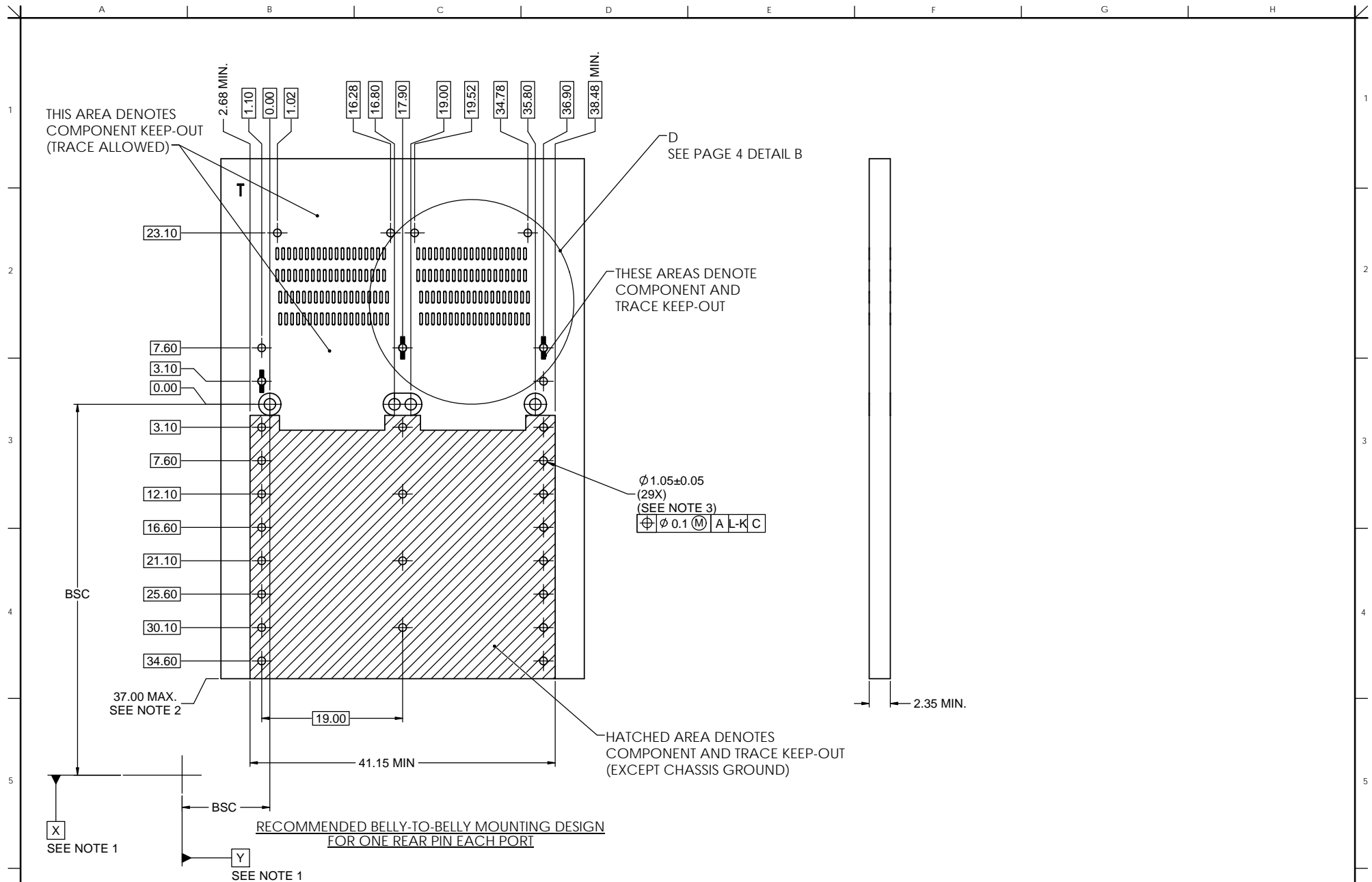
UNLESS SPECIFIED OTHERWISE	DRAWN	Peter.Z	MAR.11, 21
UNIT	MILLIMETERS	CHECKED	Chigow X
REFERENCE IN PARENTHESES	M.E. APP'D	Q.A. APP'D	
GENERAL TOLERANCES	DWG APP'D	Arkady.Z	
1 DECIMAL PLACE	±0.25	ENG. REL. NO.	-
2 DECIMAL PLACES	±0.15	REF.	
ANGULAR DEGREES	±1°	THIRD ANGLE PROJECTION	
		DO NOT SCALE DRAWING	

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

QSFP-DD 1X2 CAGE ASSEMBLY THROUGH THE BEZEL, REAR PIN OPTIONAL WITH HEAT SINK OPTIONAL WITH EMBOSES ON THE BOTTOM CAGE

DWG. NO. **P-UE36-C26X0X-05XXX** REV **C**

CODE ID NO. **03554** DWG SIZE: **C** SCALE: **2:1** SHEET **6** OF **10**



- 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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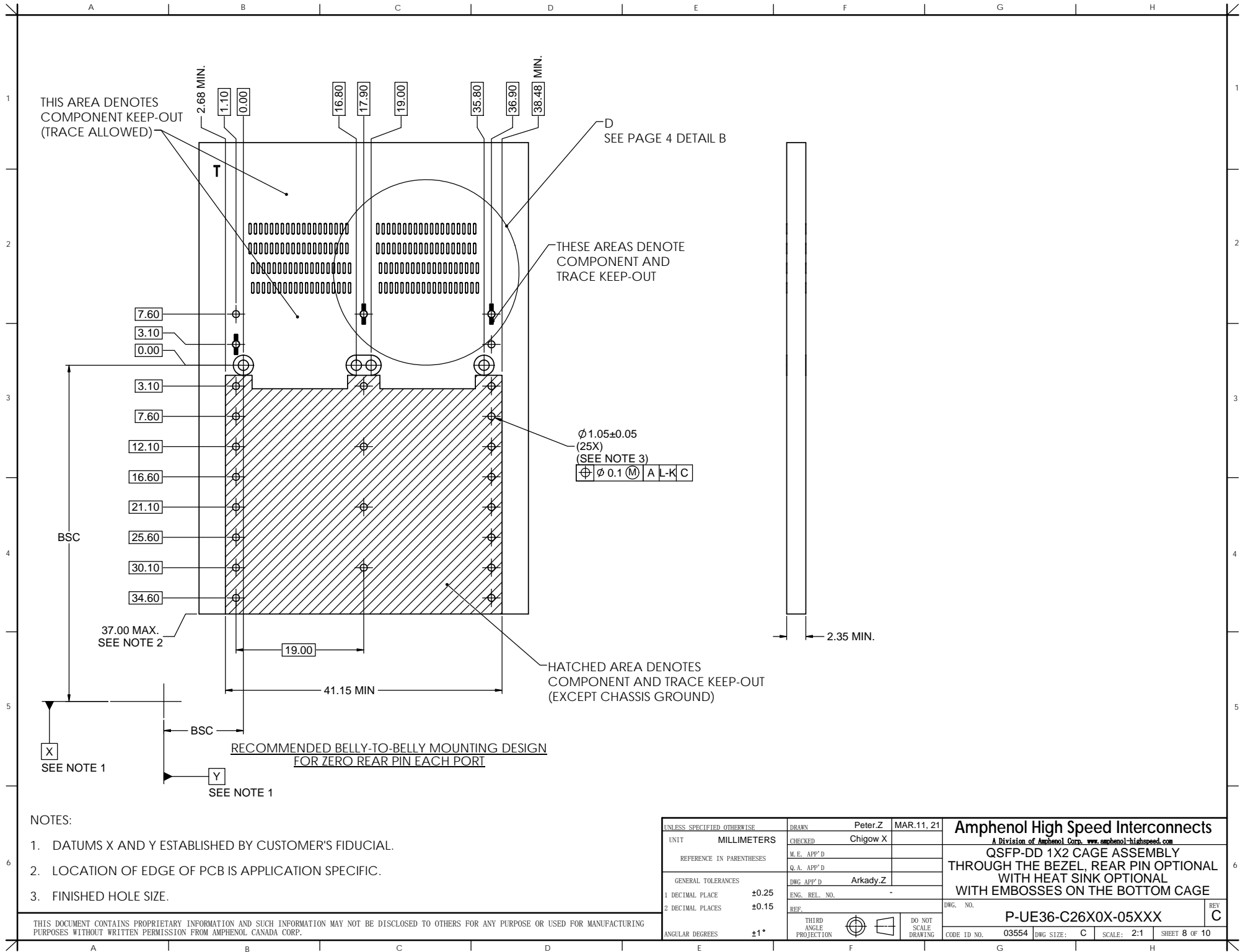
UNLESS SPECIFIED OTHERWISE	DRAWN	Peter.Z	MAR.11.21
UNIT	MILLIMETERS	CHECKED	Chigow X
REFERENCE IN PARENTHESES	M.E. APP'D	Q.A. APP'D	
GENERAL TOLERANCES	DWG APP'D	Arkady.Z	
1 DECIMAL PLACE	±0.25	ENG. REL. NO.	-
2 DECIMAL PLACES	±0.15	REF.	
ANGULAR DEGREES	±1°	THIRD ANGLE PROJECTION	
		DO NOT SCALE DRAWING	

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

QSFP-DD 1X2 CAGE ASSEMBLY THROUGH THE BEZEL, REAR PIN OPTIONAL WITH HEAT SINK OPTIONAL WITH EMBOSSES ON THE BOTTOM CAGE

DWG. NO. **P-UE36-C26X0X-05XXX** REV **C**

CODE ID NO. **03554** DWG SIZE: **C** SCALE: **2:1** SHEET **7** OF **10**



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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UNLESS SPECIFIED OTHERWISE		DRAWN	Peter.Z	MAR.11.21
UNIT	MILLIMETERS	CHECKED	Chigow X	
REFERENCE IN PARENTHESES		M.E. APP'D		
GENERAL TOLERANCES		Q.A. APP'D	Arkady.Z	
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 1X2 CAGE ASSEMBLY THROUGH THE BEZEL, REAR PIN OPTIONAL WITH HEAT SINK OPTIONAL WITH EMBOSSES ON THE BOTTOM CAGE		
DWG. NO.	P-UE36-C26X0X-05XXX	REV C
CODE ID NO.	03554	DWG SIZE: C SCALE: 2:1 SHEET 8 OF 10

A B C D E F G H

1

2

3

4

5

6

1

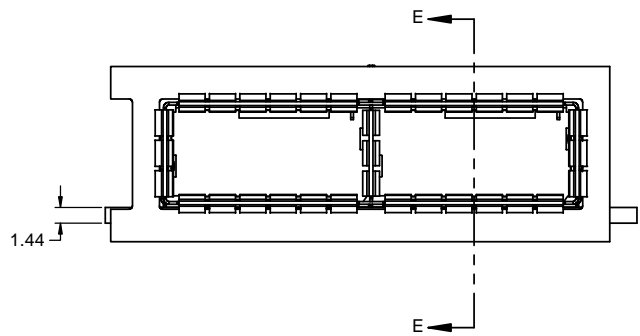
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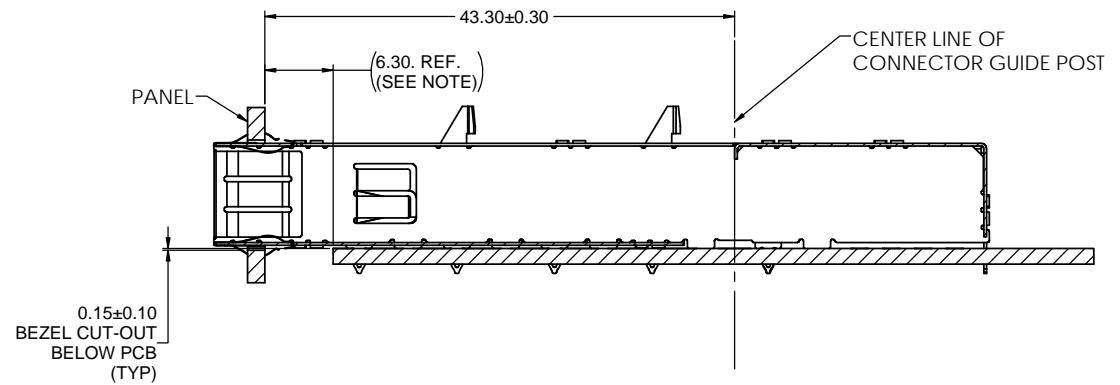
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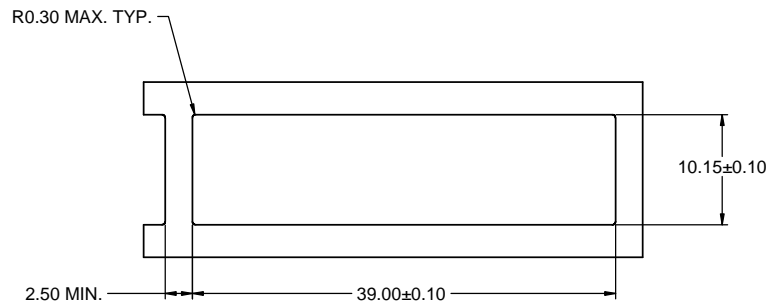
6



RECOMMENDED SINGLE SIDE MOUNTING DESIGN



SECTION E-E
SCALE 3:1



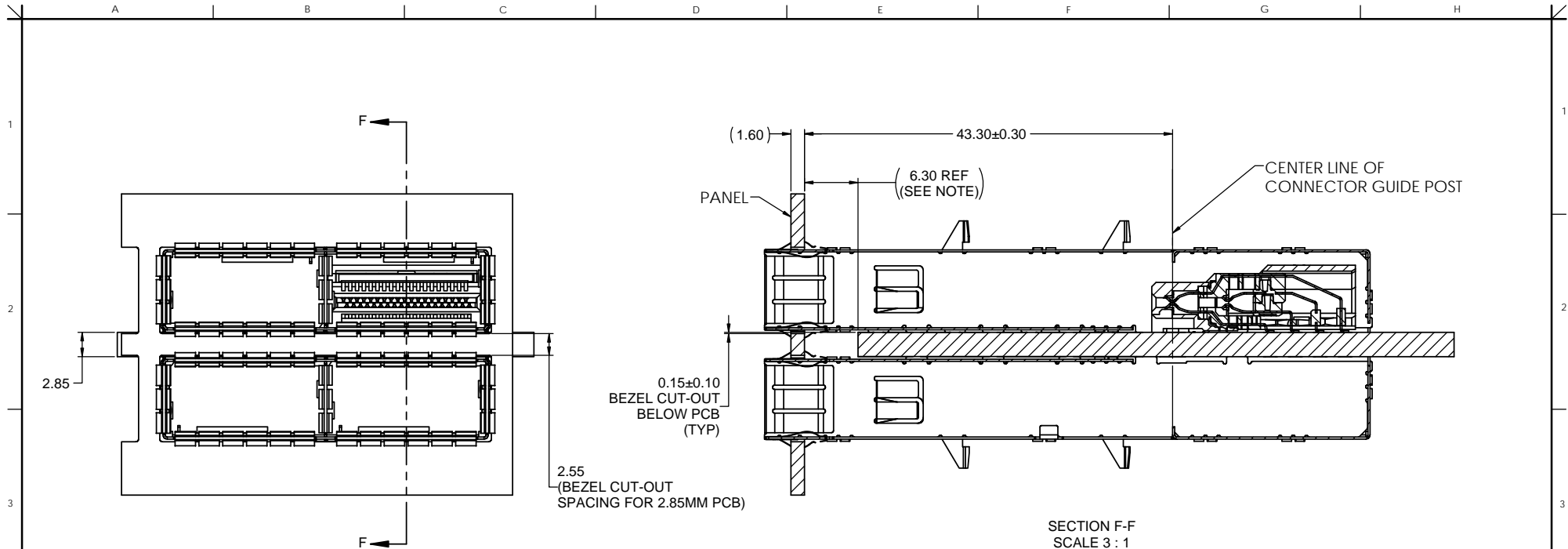
RECOMMENDED SINGLE SIDE PANEL DESIGN

NOTES:
LOCATION OF EDGE OF PCB IS APPLICATION SPECIFIC.

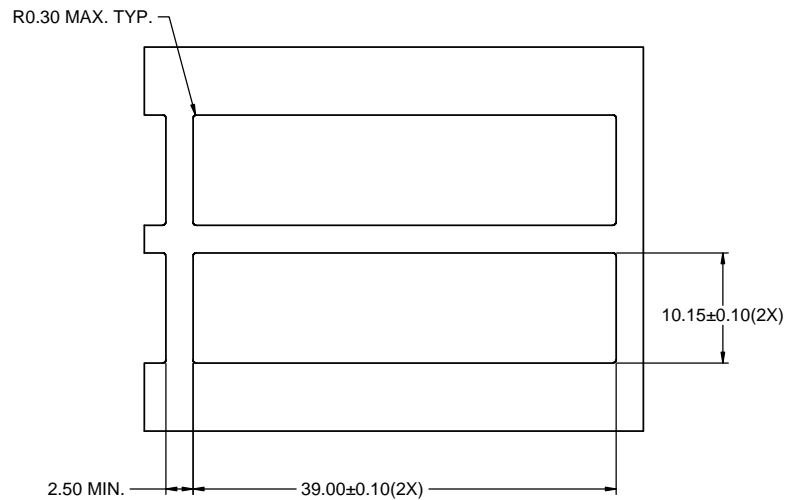
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UNLESS SPECIFIED OTHERWISE		DRAWN	Peter.Z	MAR.11, 21	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com QSFP-DD 1X2 CAGE ASSEMBLY THROUGH THE BEZEL, REAR PIN OPTIONAL WITH HEAT SINK OPTIONAL WITH EMBOSSES ON THE BOTTOM CAGE							
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.			DWG. NO.	P-UE36-C26X0X-05XXX	REV	C				
		THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING	CODE ID NO.	03554	DWG SIZE:	C	SCALE:	2:1	SHEET	9 OF 10

A B C D E F G H



RECOMMENDED BELLY-TO-BELLY MOUNTING DESIGN



RECOMMENDED BELLY-TO-BELLY PANEL DESIGN

NOTES:
LOCATION OF EDGE OF PCB IS APPLICATION SPECIFIC.

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UNLESS SPECIFIED OTHERWISE		DRAWN	Peter.Z	MAR.11, 21	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com
UNIT	MILLIMETERS	CHECKED	Chigow X		
REFERENCE IN PARENTHESES		M.E. APP'D			QSFP-DD 1X2 CAGE ASSEMBLY THROUGH THE BEZEL, REAR PIN OPTIONAL WITH HEAT SINK OPTIONAL WITH EMBOSSES ON THE BOTTOM CAGE
GENERAL TOLERANCES		Q.A. APP'D			
1 DECIMAL PLACE	±0.25	DWG APP'D	Arkady.Z		DWG. NO.
2 DECIMAL PLACES	±0.15	ENG. REL. NO.	-		P-UE36-C26X0X-05XXX
ANGULAR DEGREES	±1°	REF.			REV
		THIRD ANGLE PROJECTION			C
		DO NOT SCALE DRAWING			CODE ID NO. 03554
					DWG SIZE: C
					SCALE: 2:1
					SHEET 10 OF 10