

AMPHENOL PART NUMBER CONFIGURATION
UE36 - B4620 X -06 XX X

VENTING OPTION

0 = STANDARD
1 = SMALL TOP OPENING
2 = REMOVED SHARK PIN BASED ON "0"
3 = REMOVED SHARK PIN BASED ON "1"
4 = TOP CLOSED

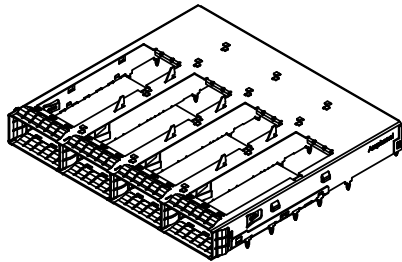
PACKAGING OPTION

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

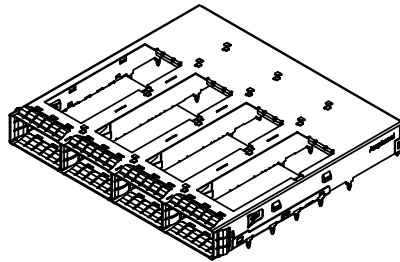
HEAT SINK OPTION

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)

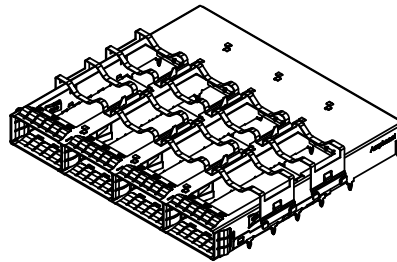
REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
C	ADD OPTIONS	APR.16, 18	A.Z
D	ADD OPTION	JAN.25, 19	A.Z
E	ADD OPTION WITH 21.5MM HEIGHT HEATSINK	JAN.28, 19	A.Z



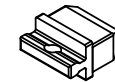
PN: UE36-B4620X-06001 SHOWN



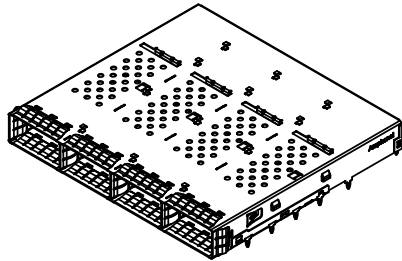
PN: UE36-B46203-06001 SHOWN



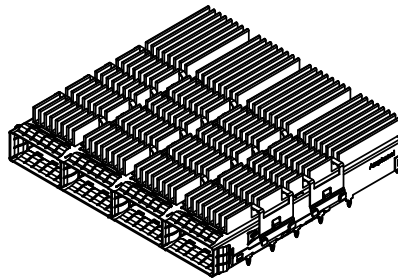
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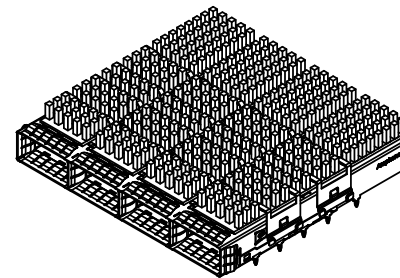
CONDUCTIVE DUST COVER
SHOWN (OPTIONAL)
SHIPPED LOOSE
P/N U90-1401-8000-BP



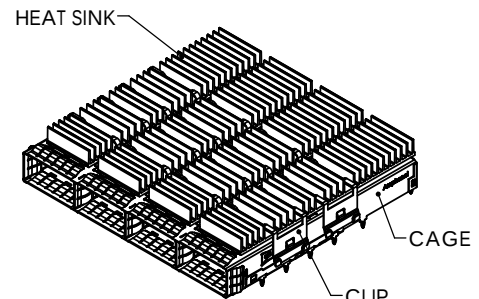
PN: UE36-B46204-06001 SHOWN



PN: UE36-B4620X-06AXX SHOWN



PN: UE36-B4620X-06BXX SHOWN



PN: UE36-B4620X-06CXX SHOWN

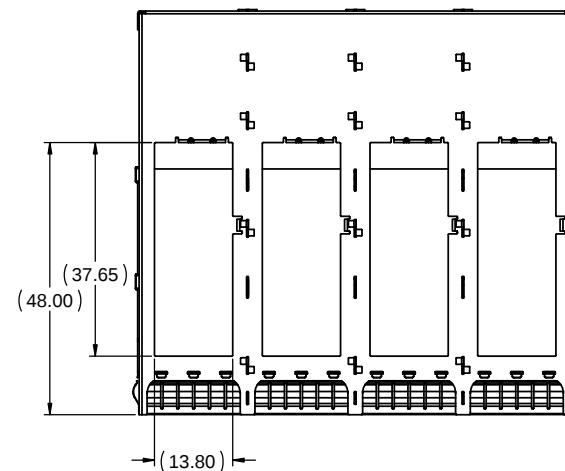
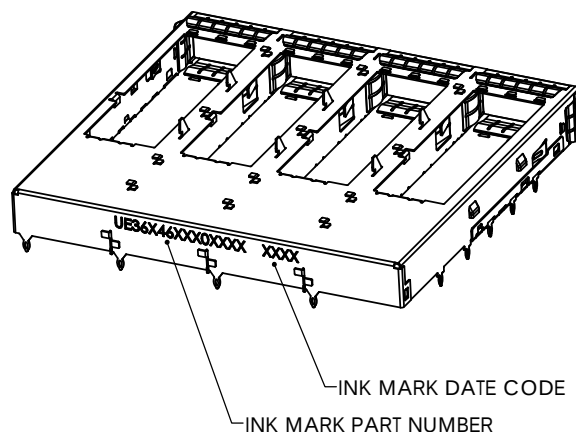
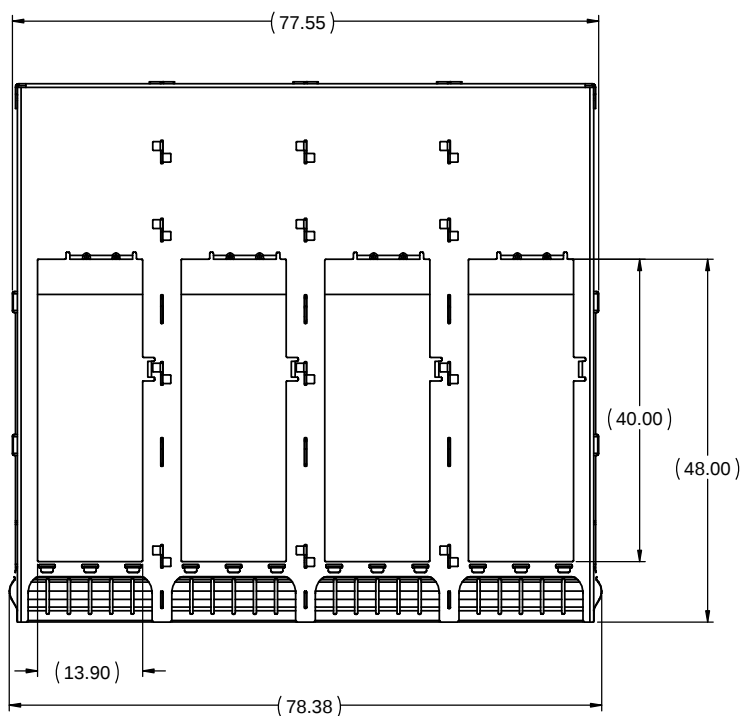
NOTES:

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

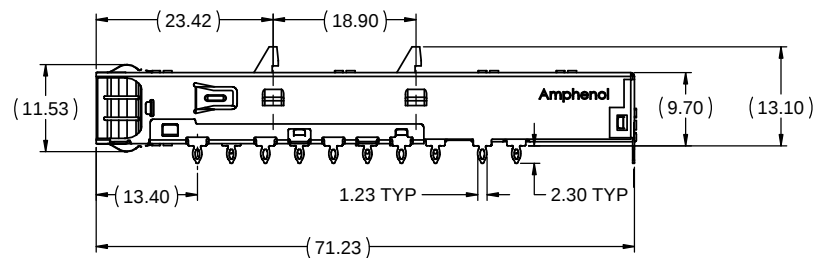
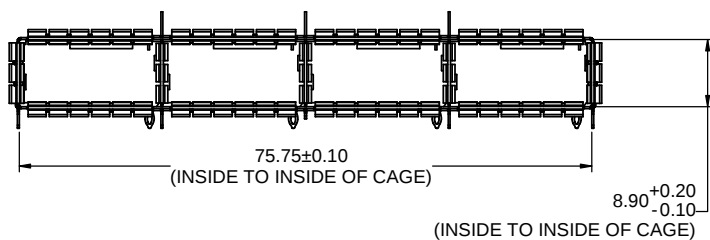


UNLESS SPECIFIED OTHERWISE		DRAWN	Michael S	OCT.27, 17
UNIT	MILLIMETERS	CHECKED	Chigow X	OCT.27, 17
REFERENCE IN PARENTHESES		M.E. APP'D		
GENERAL TOLERANCES		Q.A. APP'D		
1 DECIMAL PLACE	±0.25	DWG. APP'D	Arkady.Z	OCT.27, 17
2 DECIMAL PLACES	±0.15	ENG. REL. NO.	-	
ANGULAR DEGREES	±1°	REF.		
		THIRD ANGLE PROJECTION		
		DO NOT SCALE DRAWING		

Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com			
QSFP-DD 1X4 CAGE ASSEMBLY THROUGH THE BEZEL WITH ONE REAR PIN WITH HEAT SINK OPTIONAL			
DWG. NO.	P-UE36-B462XX-0XXXX		
CODE ID NO.	03554	DWG SIZE:	C
SCALE:	1:1	SHEET	1 OF 7



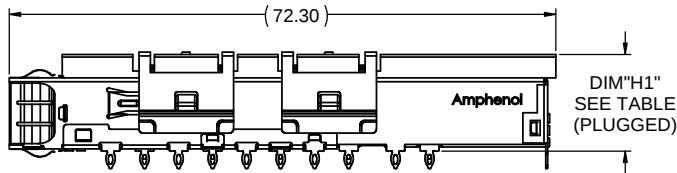
PN: UE36-B46201-06001 SHOWN
WITH 37.65*13.8MM TOP OPENING
OTHER DIMENSIONS SEE PAGE 2.



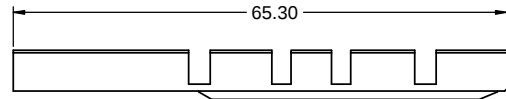
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UNLESS SPECIFIED OTHERWISE		DRAWN	Michael S	OCT.27, 17
UNIT		CHECKED	Chigow X	OCT.27, 17
REFERENCE IN PARENTHESES		M.E. APP'D		
GENERAL TOLERANCES		Q.A. APP'D		
1 DECIMAL PLACE	±0.25	DWG. APP'D	Arkady.Z	OCT.27, 17
2 DECIMAL PLACES	±0.15	ENG. REL. NO.	-	
ANGULAR DEGREES	±1°	REF.		
		THIRD ANGLE PROJECTION		

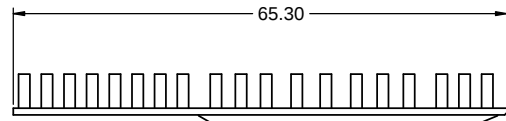
Amphenol High Speed Interconnects			
A Division of Amphenol Corp. www.amphenol-highspeed.com			
QSFP-DD 1X4 CAGE ASSEMBLY THROUGH THE BEZEL WITH ONE REAR PIN WITH HEAT SINK OPTIONAL			
DWG. NO.	P-UE36-B462XX-0XXXX		
CODE ID NO.	03554	DWG. SIZE:	C
SCALE:	2:1	SHEET	2 OF 7



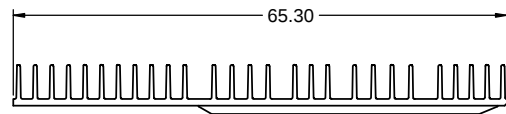
**PN: UE36-B4620X-06AXX SHOWN
WITH HEAT SINK VIEW
OTHER DIMENSIONS SEE PAGE 2.**



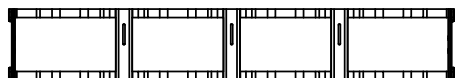
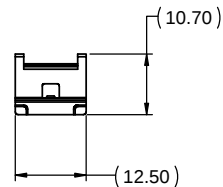
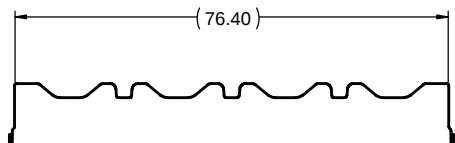
**HEAT SINK VIEW PN U36-1101-6XXA-BP
SEE TABLE**



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

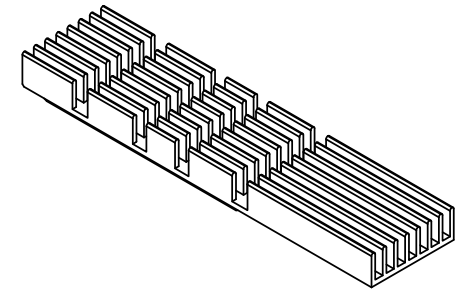


**HEAT SINK VIEW PN U36-1101-6XXC-BP
SEE TABLE**

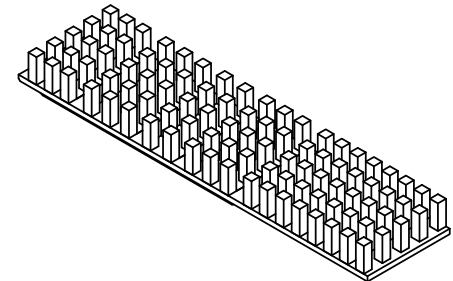


CLIP VIEW PN U90-1421-7001-BP

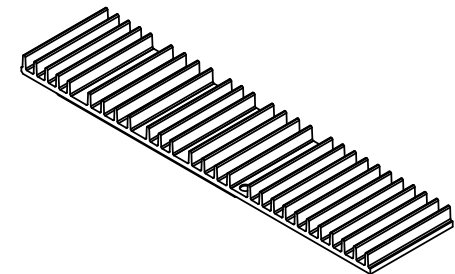
NOTE: DIMENSION OF CLIP AND HEAT SINK IS ONLY REFERENCE, WHICH IS CHECKED BY ASSY.



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



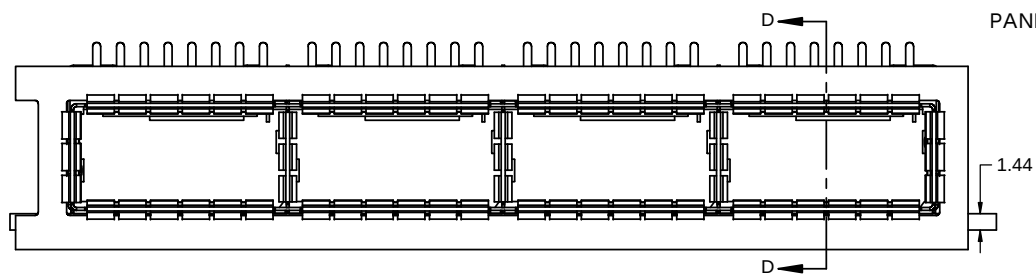
HEAT SINK VIEW PN U36-1101-6XXB-BP



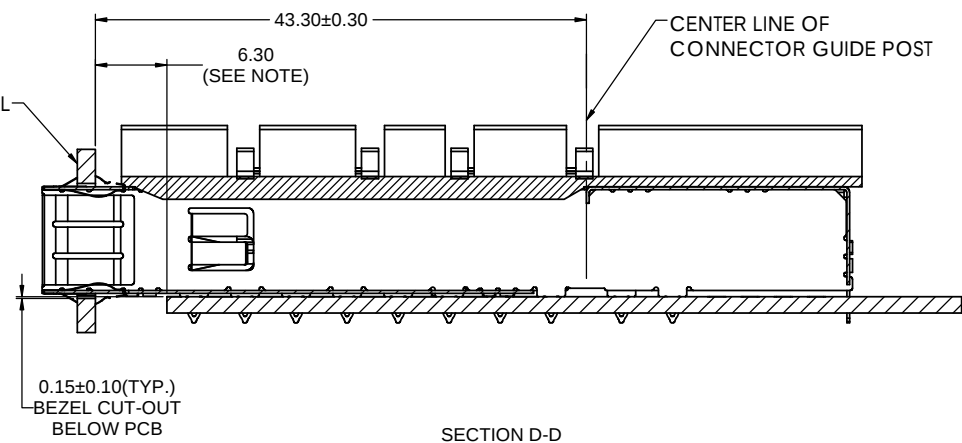
HEAT SINK VIEW PN U36-1101-6XXC-BP

PART NUMBER	HEAT SINK P/N	DIM"H"	DIM"H1"
UE36B4620006X2X	U36-1101-611X-BP	4.2MM	13.7MM
UE36B4620006X3X	U36-1101-610X-BP	6.5MM	16.0MM
UE36B4620006X4X	U36-1101-612X-BP	13.5MM	23.0MM
UE36B4620006X5X	U36-1101-613X-BP	4.5MM	14.0MM
UE36B4620006X6X	U36-1101-615X-BP	21.5MM	31.0MM
UE36B4620106X2X	U36-1101-6A1X-BP	4.2MM	13.7MM
UE36B4620106X3X	U36-1101-6A0X-BP	6.5MM	16.0MM
UE36B4620106X4X	U36-1101-6A2X-BP	13.5MM	23.0MM
UE36B4620106X5X	U36-1101-6A3X-BP	4.5MM	14.0MM
UE36B4620106X6X	U36-1101-6A5X-BP	21.5MM	31.0MM

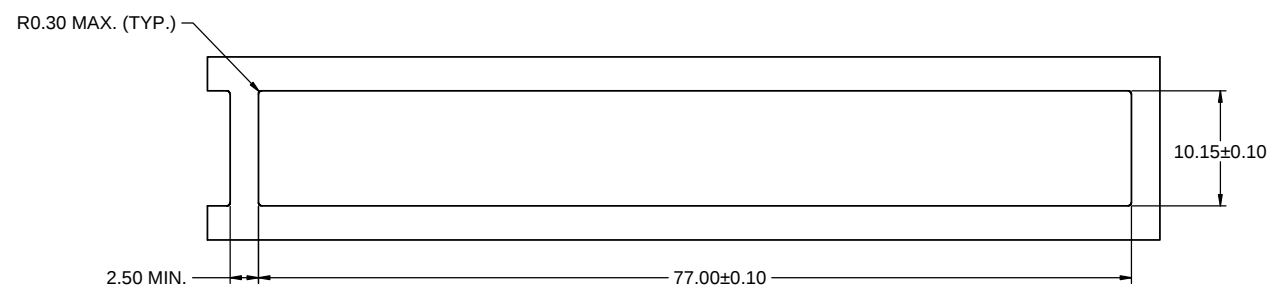
UNLESS SPECIFIED OTHERWISE		DRAWN	Michael S	OCT.27, 17	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com QSFP-DD 1X4 CAGE ASSEMBLY THROUGH THE BEZEL WITH ONE REAR PIN WITH HEAT SINK OPTIONAL	
UNIT	MILLIMETERS	CHECKED	Chigow X	OCT.27, 17		
REFERENCE IN PARENTHESES		M.E. APP'D				
GENERAL TOLERANCES		Q.A. APP'D				
1 DECIMAL PLACE	±0.25	DWG. APP'D	Arkady.Z	OCT.27, 17	DWG. NO. P-UE36-B462XX-0XXXX	
2 DECIMAL PLACES	±0.15	ENG. REL. NO.	-			
ANGULAR DEGREES	±1°	REF.			CODE ID NO. 03554	REV E
		THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING	DWG. SIZE: C	SHEET 3 OF 7



RECOMMENDED SINGLE SIDE MOUNTING DESIGN



SECTION D-D
SCALE 3 : 1

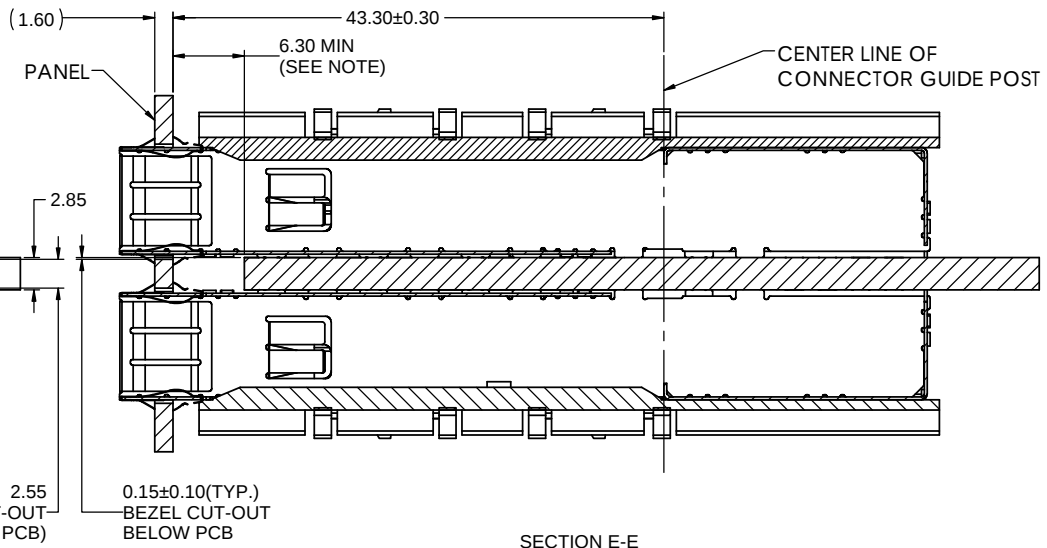
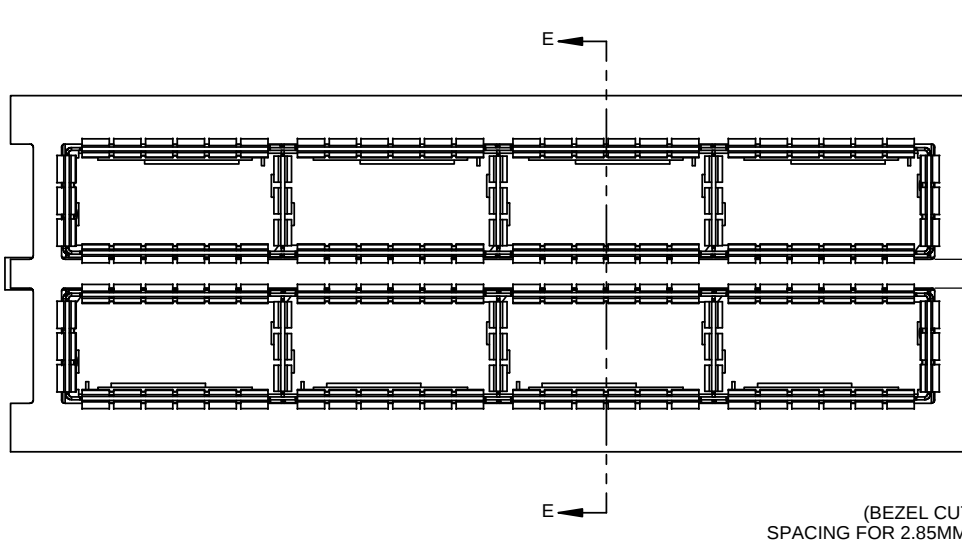


RECOMMENDED SINGLE SIDE PANEL DESIGN

NOTES:
LOCATION OF EDGE OF PCB IS APPLICATION SPECIFIC.

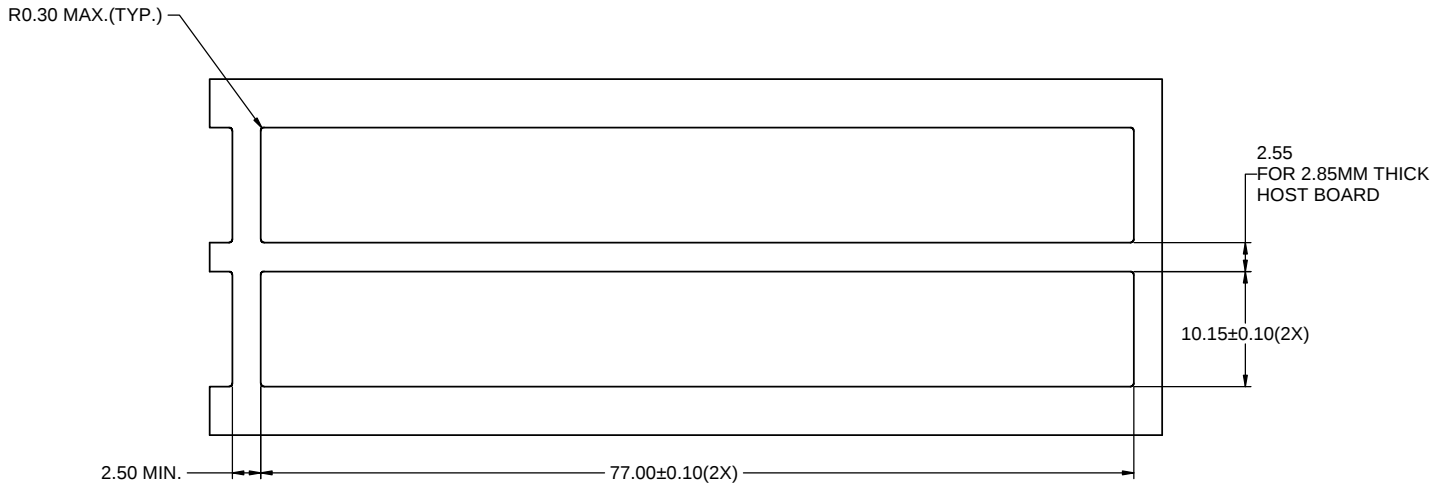
UNLESS SPECIFIED OTHERWISE		DRAWN	Michael S	OCT.27, 17
UNIT		CHECKED	Chigow X	OCT.27, 17
REFERENCE IN PARENTHESES		M.E. APP'D		
		Q.A. APP'D		
GENERAL TOLERANCES		DWG. APP'D	Arkady.Z	OCT.27, 17
1 DECIMAL PLACE	±0.25	ENG. REL. NO.	-	
2 DECIMAL PLACES	±0.15	REF.		
ANGULAR DEGREES	±1°	THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING

Amphenol High Speed Interconnects			
A Division of Amphenol Corp. www.amphenol-highspeed.com			
QSFP-DD 1X4 CAGE ASSEMBLY THROUGH THE BEZEL WITH ONE REAR PIN WITH HEAT SINK OPTIONAL			
DWG. NO.			REV
P-UE36-B462XX-0XXXX			E
CODE ID NO.	03554	DWG SIZE:	C
SCALE:	2:1	SHEET	6 OF 7



SECTION E-E
SCALE 3 : 1

RECOMMENDED BELLY-TO-BELLY MOUNTING DESIGN



RECOMMENDED BELLY-TO-BELLY PANEL DESIGN

NOTES:
LOCATION OF EDGE OF PCB IS APPLICATION SPECIFIC.

UNLESS SPECIFIED OTHERWISE		DRAWN	Michael S	OCT.27, 17	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com	
UNIT	MILLIMETERS	CHECKED	Chigow X	OCT.27, 17		
REFERENCE IN PARENTHESES		M.E. APP'D			QSFP-DD 1X4 CAGE ASSEMBLY THROUGH THE BEZEL WITH ONE REAR PIN WITH HEAT SINK OPTIONAL	
GENERAL TOLERANCES		Q.A. APP'D				
1 DECIMAL PLACE	±0.25	DWG. APP'D	Arkady.Z	OCT.27, 17	DWG. NO. P-UE36-B462XX-0XXXX REV E	
2 DECIMAL PLACES	±0.15	ENG. REL. NO.	-			
ANGULAR DEGREES	±1°	REF.			CODE ID NO. 03554 DWG SIZE: C SCALE: 2:1 SHEET 7 OF 7	
		THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING		