

NOTES:

1. MATERIAL:

CAGE: STAINLESS STEEL.

INNER HEAT SINK: ALUMINUM, NICKEL PLATING

TOP HEAT SINK: SEE TABLE.

HEAT SINK CLIP: STAINLESS STEEL.

2. PACKAGING: HARD TRAY PACKAGING.

3. RoHS COMPLIANT.

4. COMPLIES WITH OSFP MSA

AMPHENOL PART NUMBER CONFIGURATION

V62 - BAZ21 - S G XX XX 2

CAGE OPTION:
G: WITH TOP OPEN

HEAT SINK HEIGHT OPTION:
01: HEAT SINK 4.40mm HEIGHT
02: HEAT SINK 2.65mm HEIGHT
2A: HEAT SINK 3.70mm HEIGHT
5A: HEAT SINK 5.80mm HEIGHT

PACKAGING OPTION:
2: HARD TRAY PACKAGING

CAGE FOOTPRINT OPTION:
0: NORMAL
1: CUTTING SOME PINS

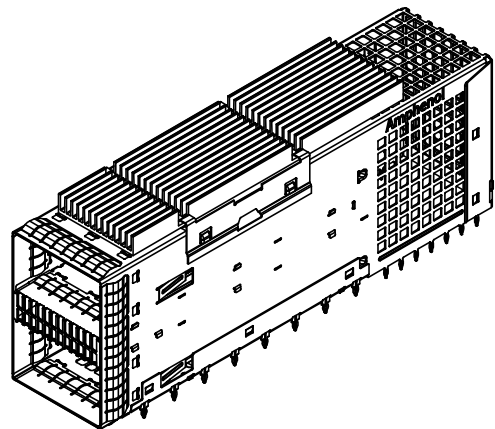
HEAT SINK OPTION:
0: INNER AND TOP HEAT SINK ARE STANDER
Z: ONLY TOP HEAT SINK IS ZIPPER FINS
P: INNER HEAT SINK IS ZIPPER FINS, TOP HEAT SINK IS STANDER
F: INNER AND TOP HEAT SINK ARE ZIPPER FINS



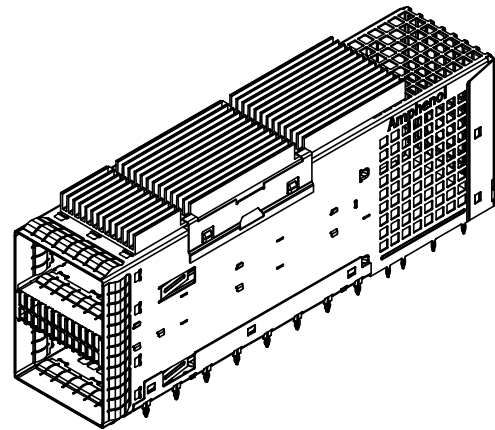
Release Level		In Work	ECN	(ecn)	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-icc.com Title: OSFP 224G 2X1 CAGE ASSEMBLY Product Family: OSFP 224G Dwg. No. P-V62-BAZ21-SGXXXX2 REV K
Drawn	MIKE.H		2024-07-25		
Designed	MIKE.H		2024-07-25		
Guardian	MIKE.H		2024-07-25		
Approver	CHIGOW.X		2024-07-25		
		TOLERANCES UNLESS OTHERWISE SPECIFIED			
		Linear	X.X ±0.38 X.XX ±0.25 X.XXX ±0.15		
		Angular	X° ±2°		
Drawing Units: mm		Scale: 1:1			
Dwg Size: A3		Product - Customer Drw			
SHEET 1 OF 11					

REVISIONS			
REV.	DESCRIPTION/ECN	DATE	APPROVED
A	PROPOSAL	7/25/2024	Chigow.X
B	ADD V62-BAZ21-S000002 OPTION	8/9/2024	Chigow.X
C	UPDATED TOLERANCE FOR PCB HOLES	2024/12/20	Chigow.X
D	ADD V62-BAZ21-SG02P02 OPTION	2025/4/8	Chigow.X
E	ADD V62-BAZ21-SG2A002 OPTION	2025/6/4	Chigow.X
F	UPDATED V62-BAZ21-SG2A002 HEAT SINK	2025/6/12	Chigow.X
G	ADD V62-BAZ21-SG5AF02 OPTION	2025/6/16	Chigow.X
H	ADD V62-BAZ21-SL00002 OPTION	2025/7/11	Chigow.X
J	ADD V62-BAZ21-SH00002 OPTION	2025/9/5	Chigow.X
K	REMOVE OTHER OPTION EXPET V62-BAZ21-SGXXXXX	2025/9/26	Chigow.X

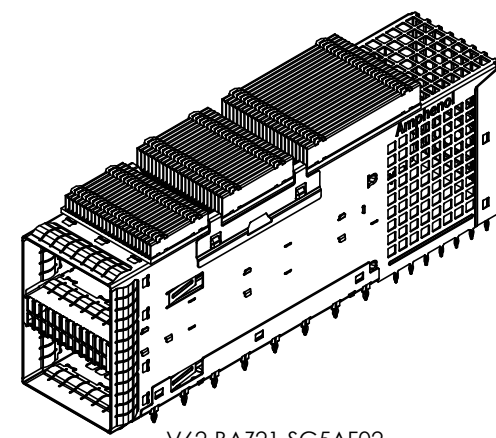
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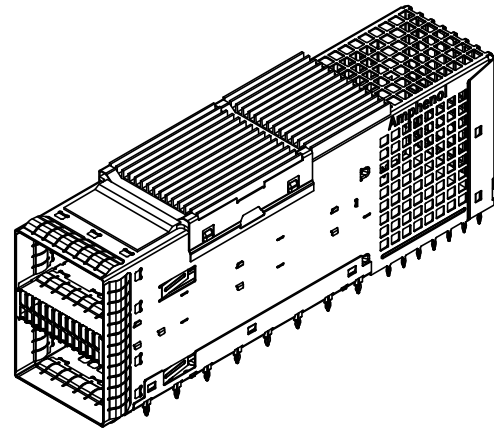
V62-BAZ21-SG01002



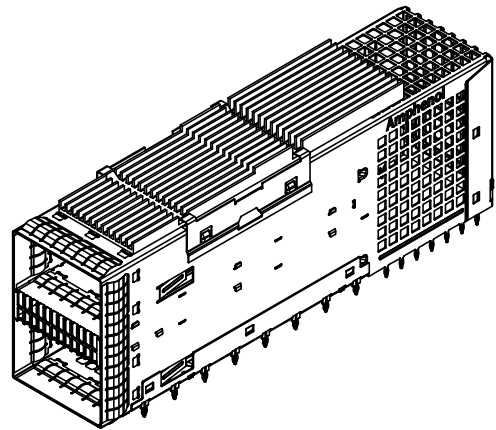
V62-BAZ21-SG01012



V62-BAZ21-SG5AF02



V62-BAZ21-SG02P02



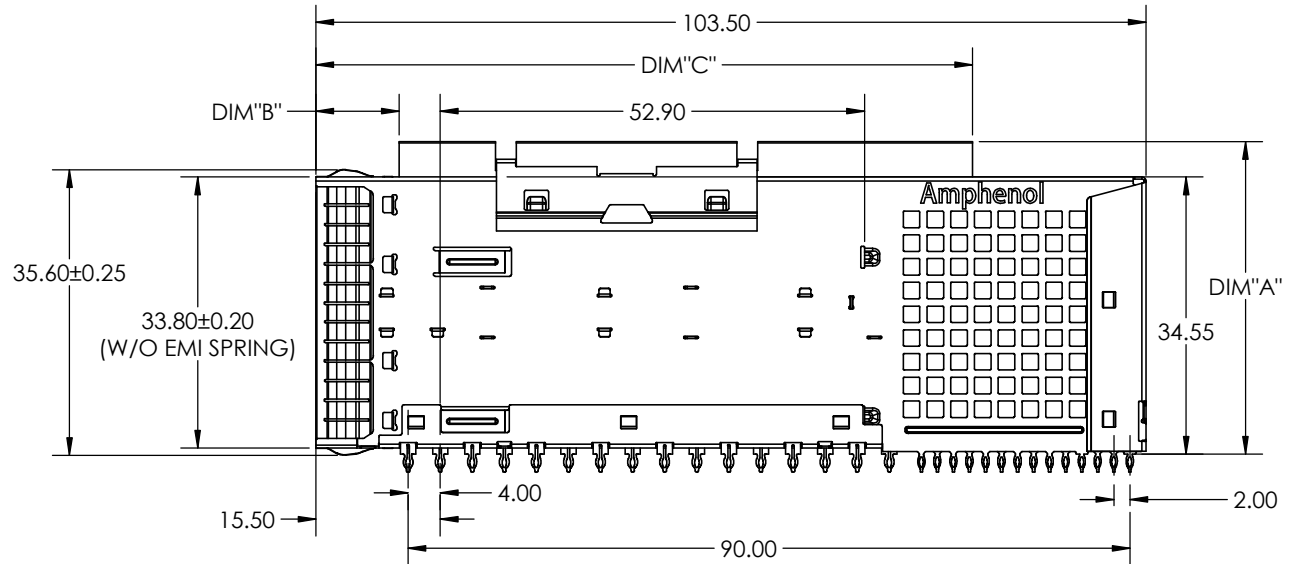
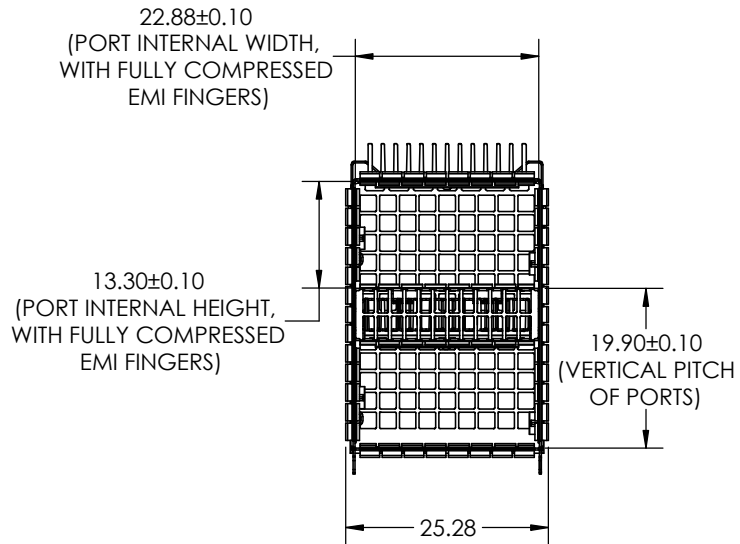
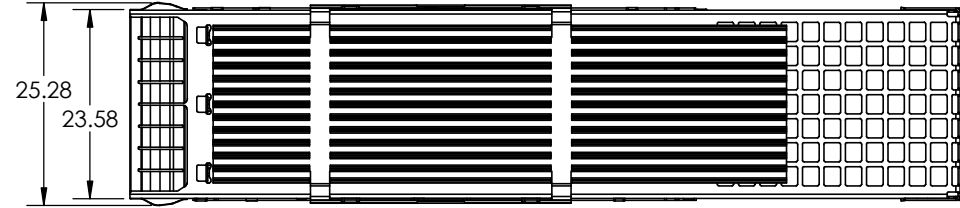
V62-BAZ21-SG2A002

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
-	See Sheet1	-	-

Release Level	In Work	ECN	(ecn)	Amphenol High Speed Interconnects	
Drawn	MIKE.H	2024-07-25		A Division of Amphenol Corp. www.amphenol-icc.com	
Designed	MIKE.H	2024-07-25		Title:	
Guardian	MIKE.H	2024-07-25		OSFP 224G 2X1 CAGE ASSEMBLY	
Approver	CHIGOW.X	2024-07-25		Product Family: OSFP 224G	
				Dwg. No. P-V62-BAZ21-SGXXXX2	
				REV K	
				Scale: 1:1	
				Dwg Size: A3	
TOLERANCES UNLESS OTHERWISE SPECIFIED				Product - Customer Drw	
Linear				X.X ±0.38	
Angular				X.XX ±0.25	
				X.XXX ±0.15	
				X° ±2°	
Drawing Units: mm				SHEET 2 OF 11	

8		7		6		5	
PART NUMBER	DIM"A"	DIM"A" MATING WITH TRANSCIVERS		DIM"B"	DIM"C"	HEAT SINK PLATING	
V62-BAZ21-SG01002	38.95	39.80 MAX.		10.38	81.88	ALUMINUM, NICKEL PLATING	
V62-BAZ21-SG02P02	37.20	38.05 MAX.		10.98	75.93	ALUMINUM, NICKEL PLATING	
V62-BAZ21-SG2A002	38.25	39.10 MAX.		10.38	78.50	ALUMINUM, NICKEL PLATING	
V62-BAZ21-SG5AF02	40.35	41.20 MAX.		10.43	81.93	ALUMINUM, NICKEL PLATING	

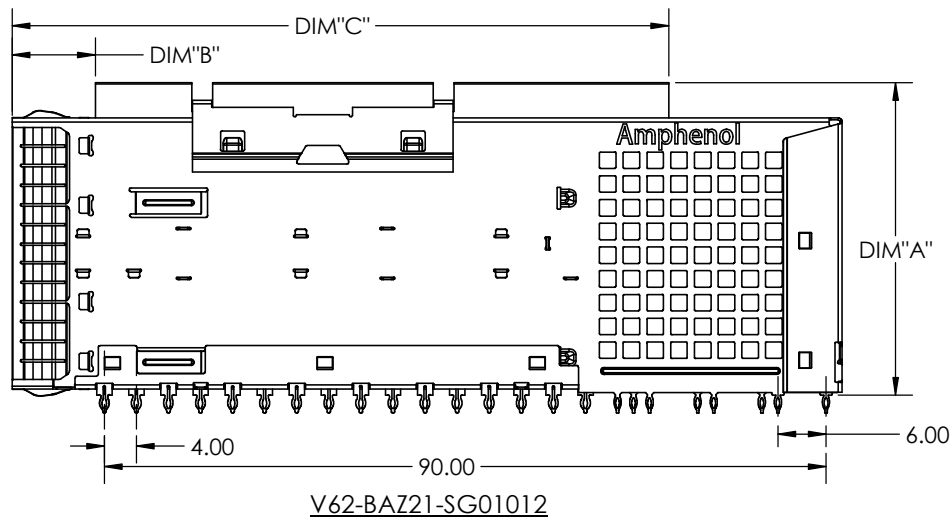
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
-	See Sheet1	-	-



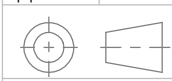
Release Level	In Work	ECN	(ecn)	Amphenol High Speed Interconnects	
Drawn	MIKE.H	2024-07-25		A Division of Amphenol Corp. www.amphenol-icc.com	
Designed	MIKE.H	2024-07-25		Title:	
Guardian	MIKE.H	2024-07-25		OSFP 224G 2X1 CAGE ASSEMBLY	
Approver	CHIGOW.X	2024-07-25		Product Family: OSFP 224G	
				Dwg. No. P-V62-BAZ21-SGXXXX2	
				REV K	
TOLERANCES UNLESS OTHERWISE SPECIFIED				Scale: 1:1	
Linear				Dwg Size: A3	
Angular				Product - Customer Drw	
				SHEET 3 OF 11	

8	7	6	5	4	3
PART NUMBER	DIM"A"	DIM"A" MATING WITH TRANSCIEVERS	DIM"B"	DIM"C"	HEAT SINK PLATING
V62-BAZ21-SG01012	38.95	39.80 MAX.	10.38	81.88	ALUMINUM, NICKEL PLATING

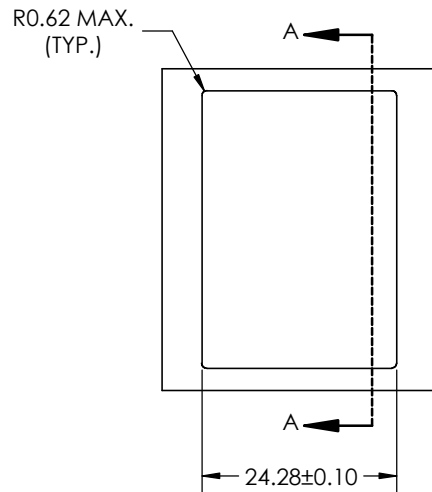
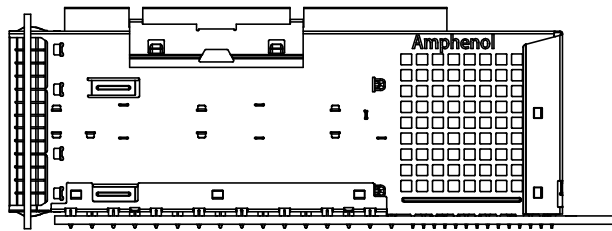
REVISIONS			
REV.	DESCRIPTION/ECN	DATE	APPROVED
-	SEE SHEET 1	-	-



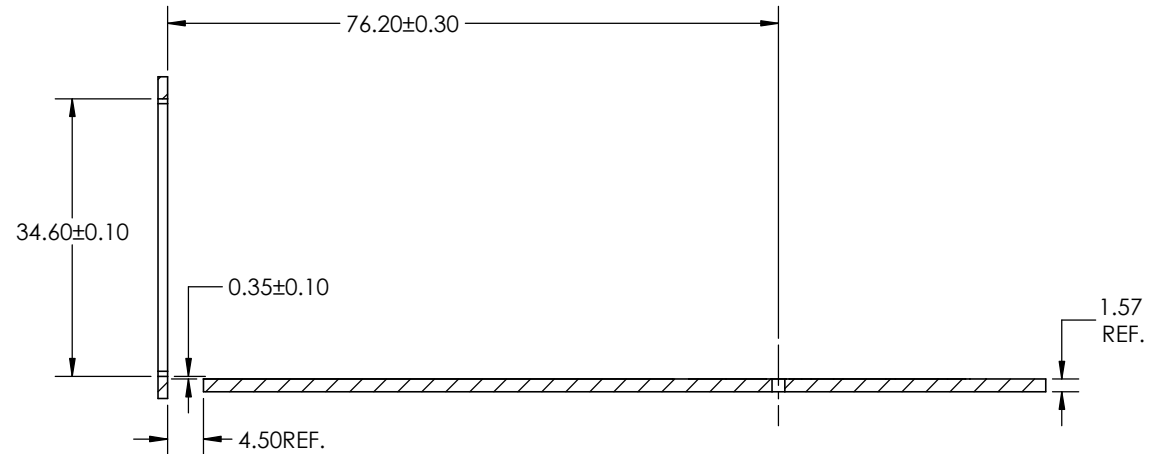
NOTES: OTHER DIMENSIONS SEE PAGE 2

Release Level	In Work	ECN	(ecn)	Amphenol High Speed Interconnects	
Drawn	MIKE.H	2024-07-25		A Division of Amphenol Corp. www.amphenol-icc.com	
Designed	MIKE.H	2024-07-25		Title:	
Guardian	MIKE.H	2024-07-25		OSFP 224G 2X1 CAGE ASSEMBLY	
Approver	CHIGOW.X	2024-07-25		Product Family: OSFP 224G	
				Dwg. No. P-V62-BAZ21-SGXXXX2	
				REV K	
Scale: 3:2				SHEET 4 OF 11	

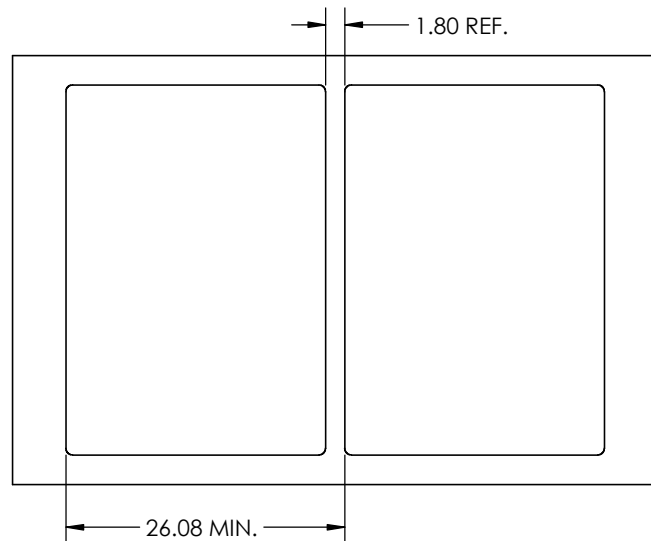
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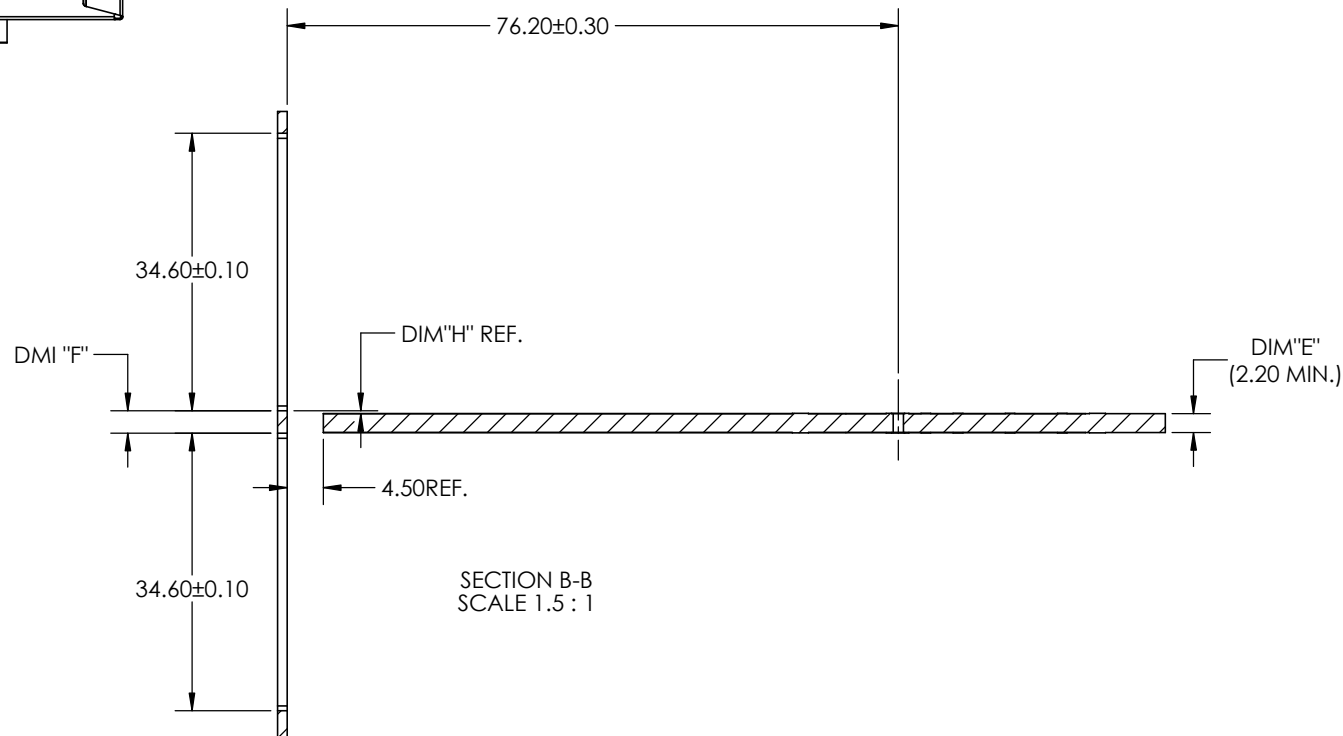
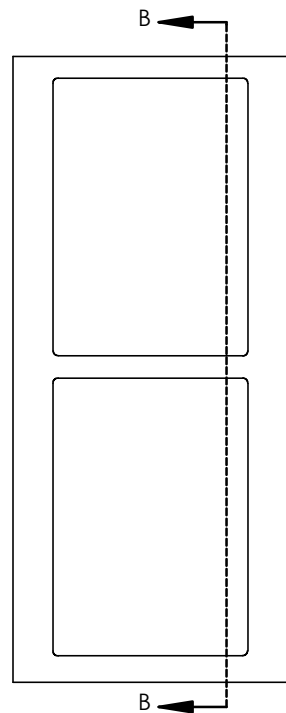
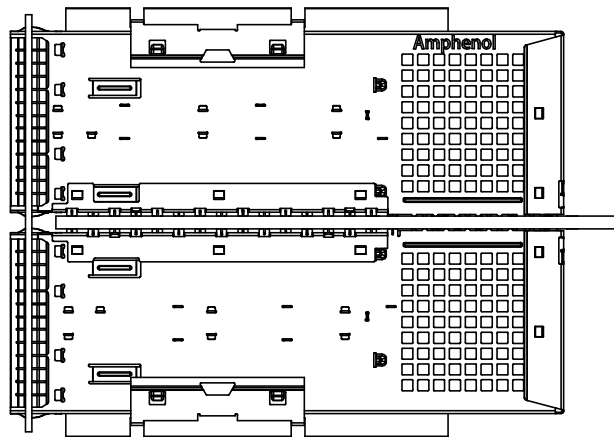
RECOMMENDED BEZE DESIGN
FOR SINGLE SIDE MOUNTING



SECTION A-A
SCALE 1.5 : 1



Release Level	In Work	ECN	(ecn)	Amphenol High Speed Interconnects	
Drawn	MIKE.H	2024-07-25		A Division of Amphenol Corp. www.amphenol-icc.com	
Designed	MIKE.H	2024-07-25		Title:	
Guardian	MIKE.H	2024-07-25		OSFP 224G 2X1 CAGE ASSEMBLY	
Approver	CHIGOW.X	2024-07-25		Product Family: OSFP 224G	
		TOLERANCES UNLESS OTHERWISE SPECIFIED		Dwg. No. P-V62-BAZ21-SGXXXX2	
		Linear	X.X ±0.38 X.XX ±0.25 X.XXX ±0.15	REV K	
Drawing Units: mm		Angular	X° ±2°	Scale: 1:1 Dwg Size: A3 Product - Customer Drw	
SHEET 5 OF 11				DO NOT SCALE	



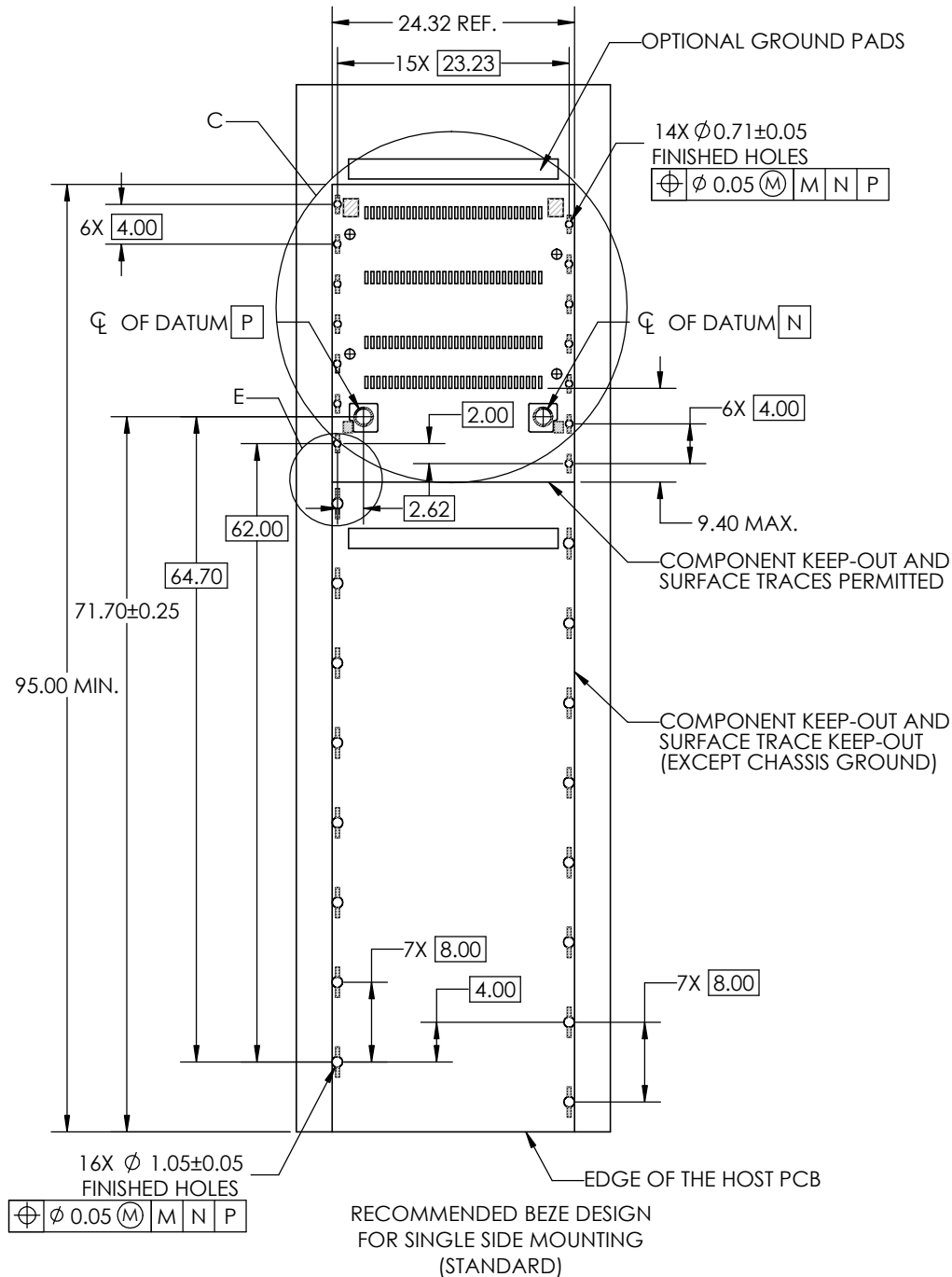
SECTION B-B
SCALE 1.5 : 1

RECOMMENDED BEZE DESIGN
FOR BELLY TO BELLY MOUNTING

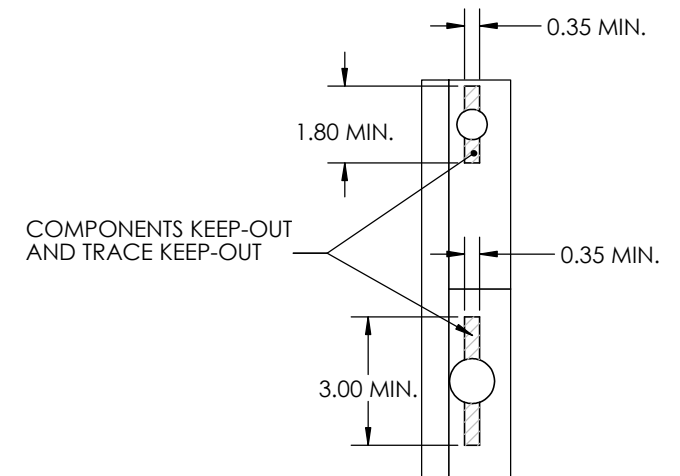
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
-	SEE SHEET1	-	-

NOTE:
PANEL CUTOUT SIZES PER OSFP MSA SPEC.
FOR BELLY TO BELLY MOUNTING, DIM "E" (PCB THICKNESS)
IS 2.20 mm MIN. DIM "F" RELATED TO DIM "E".
FOR DIM "F" = DIM "E" + 0.70 mm. THE PANEL CUTOUT
34.60 mm MIGHT BE INCREASED UP TO 35.00 mm
IN ORDER TO ACCOMMODATE PCB TOLERANCE.

Release Level	In Work	ECN	(ecn)	Amphenol High Speed Interconnects	
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Designed	MIKE.H	2024-07-25		Title:	
Guardian	MIKE.H	2024-07-25		OSFP 224G 2X1 CAGE ASSEMBLY	
Approver	CHIGOW.X	2024-07-25		Product Family: OSFP 224G	
				Dwg. No. P-V62-BAZ21-SGXXXX2	
				REV K	
Drawing Units: mm				Scale: 1:1 Dwg Size: A3 Product - Customer Drw	
				SHEET 6 OF 11	



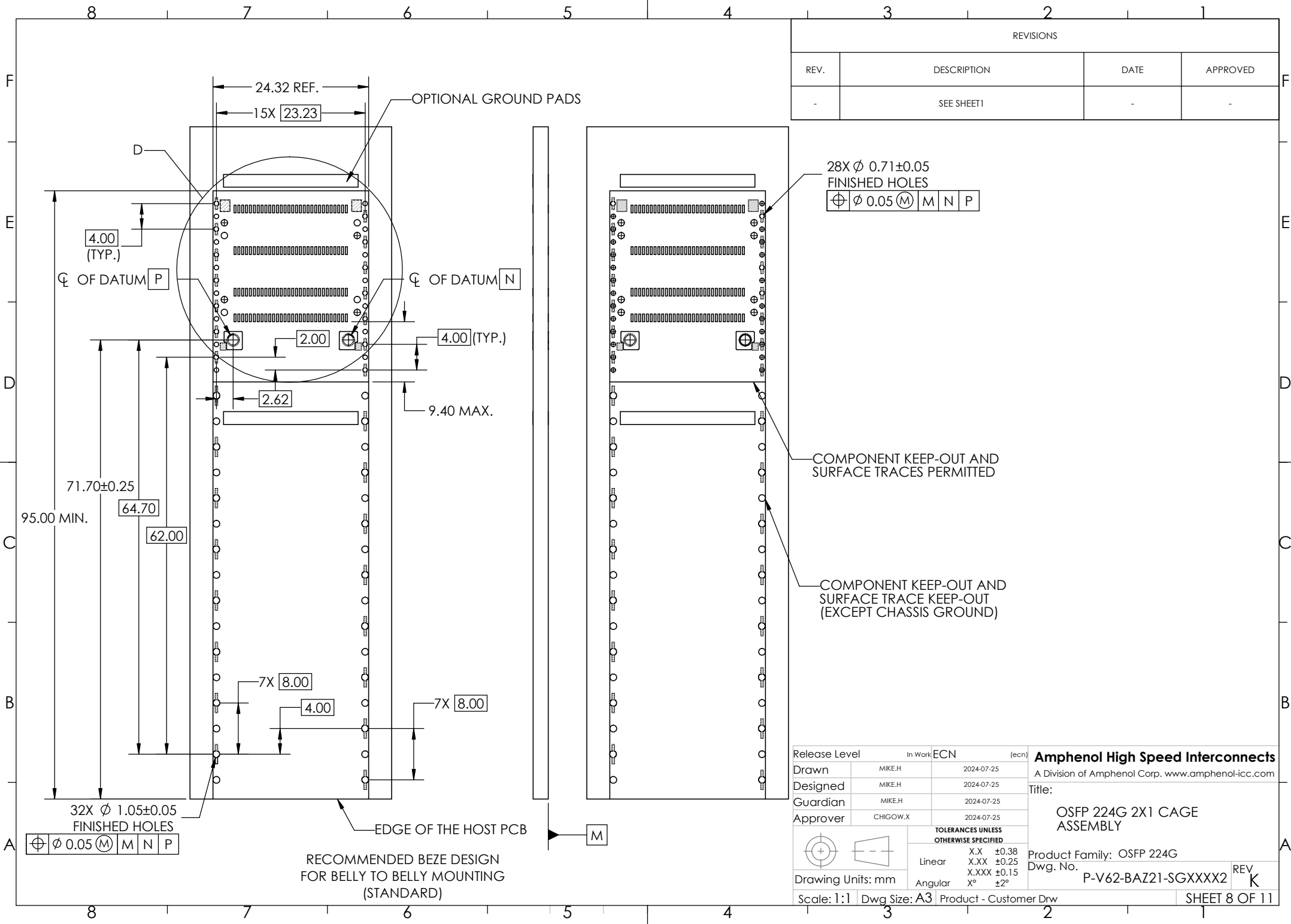
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
-	SEE SHEET1	-	-



DETAIL E
SCALE 8 : 1

Release Level	In Work	ECN	(ecn)	Amphenol High Speed Interconnects	
Drawn	MIKE.H	2024-07-25		A Division of Amphenol Corp. www.amphenol-icc.com	
Designed	MIKE.H	2024-07-25		Title:	
Guardian	MIKE.H	2024-07-25		OSFP 224G 2X1 CAGE ASSEMBLY	
Approver	CHIGOW.X	2024-07-25		Product Family: OSFP 224G	
				Dwg. No. P-V62-BAZ21-SGXXXX2	
				REV K	
Drawing Units: mm				Scale: 1:1	
TOLERANCES UNLESS OTHERWISE SPECIFIED				SHEET 7 OF 11	
Linear				X.X ± 0.38	
Angular				X.XX ± 0.25	
				X.XXX ± 0.15	
				X° $\pm 2^\circ$	
Dwg Size: A3				Product - Customer Drw	

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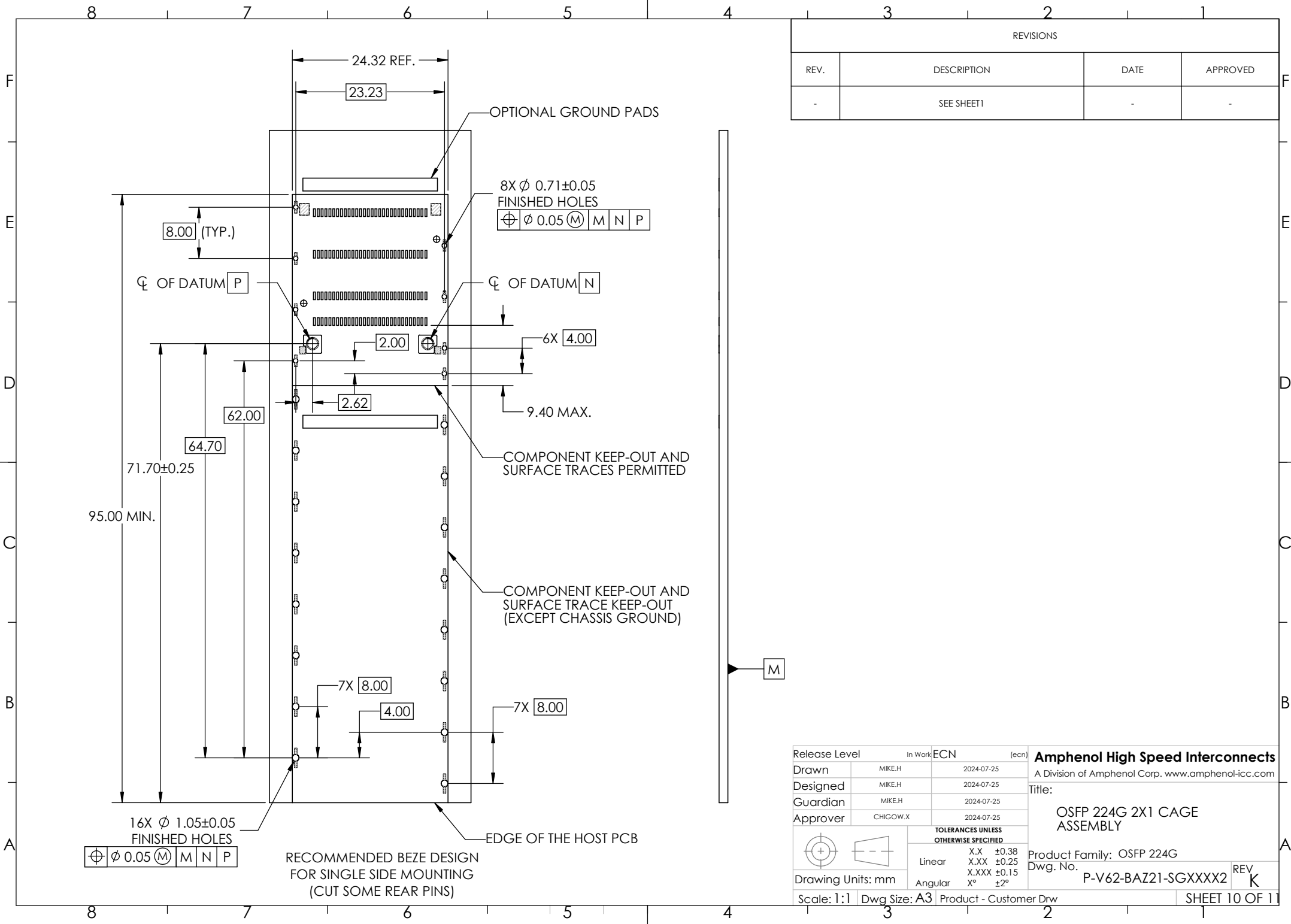
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
-	SEE SHEET1	-	-

28X Ø 0.71±0.05
FINISHED HOLES
⊕ Ø 0.05 (M) M N P

COMPONENT KEEP-OUT AND
SURFACE TRACES PERMITTED

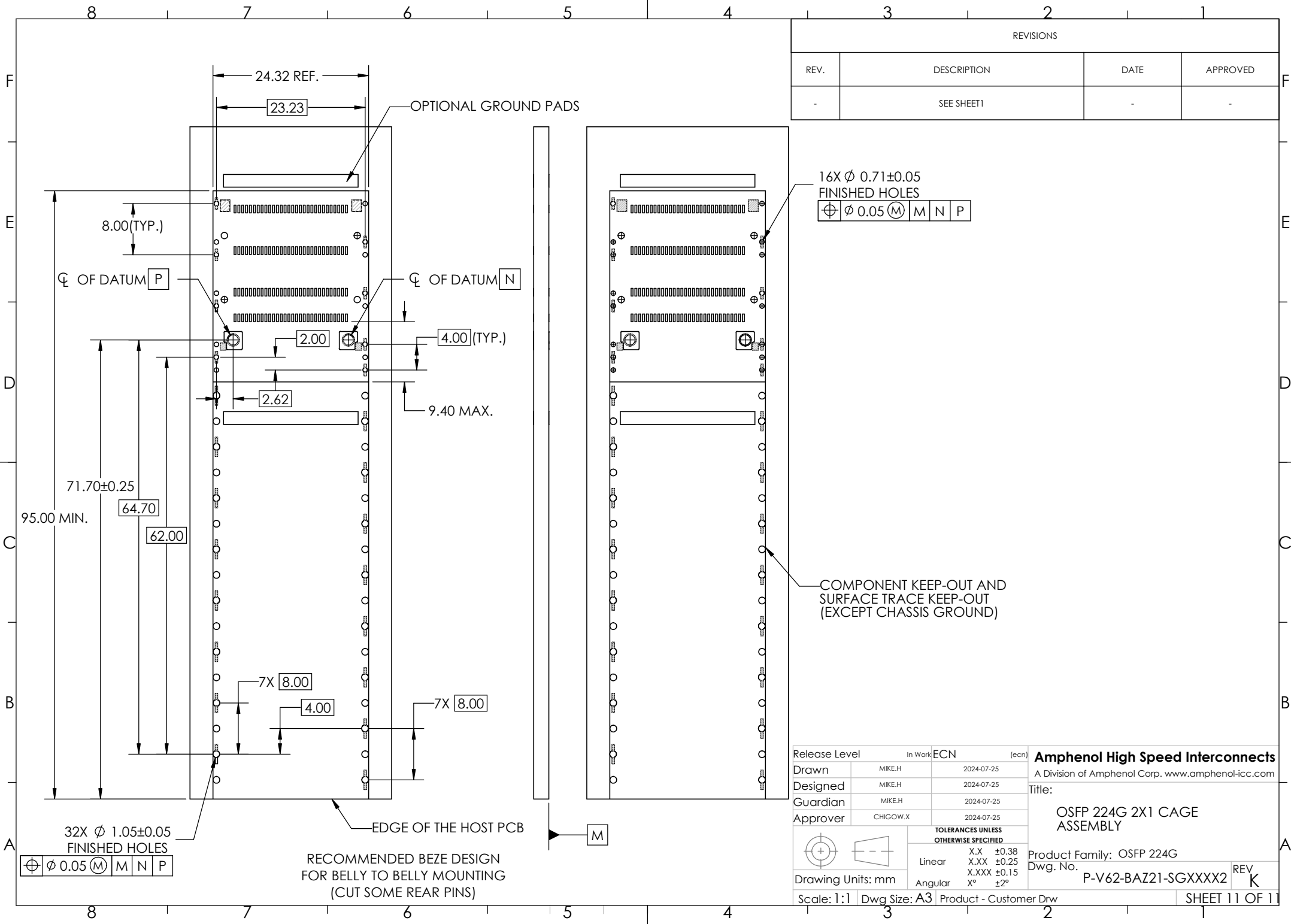
COMPONENT KEEP-OUT AND
SURFACE TRACE KEEP-OUT
(EXCEPT CHASSIS GROUND)

Release Level	In Work	ECN	(ecn)	Amphenol High Speed Interconnects	
Drawn	MIKE.H	2024-07-25		A Division of Amphenol Corp. www.amphenol-icc.com	
Designed	MIKE.H	2024-07-25		Title:	
Guardian	MIKE.H	2024-07-25		OSFP 224G 2X1 CAGE ASSEMBLY	
Approver	CHIGOW.X	2024-07-25		Product Family: OSFP 224G	
				Dwg. No. P-V62-BAZ21-SGXXXX2	
				REV K	
TOLERANCES UNLESS OTHERWISE SPECIFIED				Scale: 1:1 Dwg Size: A3 Product - Customer Drw	
Drawing Units: mm				SHEET 8 OF 11	
Angular				DO NOT SCALE	



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
-	SEE SHEET1	-	-

Release Level	In Work	ECN	(ecn)	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-icc.com Title: OSFP 224G 2X1 CAGE ASSEMBLY Product Family: OSFP 224G Dwg. No. P-V62-BAZ21-SGXXXX2 REV K
Drawn	MIKE.H	2024-07-25		
Designed	MIKE.H	2024-07-25		
Guardian	MIKE.H	2024-07-25		
Approver	CHIGOW.X	2024-07-25		
				TOLERANCES UNLESS OTHERWISE SPECIFIED
Drawing Units: mm				Linear X.X ± 0.38 X.XX ± 0.25 X.XXX ± 0.15 Angular X° $\pm 2^\circ$
Scale: 1:1 Dwg Size: A3 Product - Customer Drw				SHEET 10 OF 11



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
-	SEE SHEET1	-	-

16X Ø 0.71±0.05
FINISHED HOLES
⊕ Ø 0.05 (M) M N P

COMPONENT KEEP-OUT AND
SURFACE TRACE KEEP-OUT
(EXCEPT CHASSIS GROUND)

Release Level	In Work	ECN	(ecn)	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-icc.com Title: OSFP 224G 2X1 CAGE ASSEMBLY Product Family: OSFP 224G Dwg. No. P-V62-BAZ21-SGXXXX2 REV K
Drawn	MIKE.H	2024-07-25		
Designed	MIKE.H	2024-07-25		
Guardian	MIKE.H	2024-07-25		
Approver	CHIGOW.X	2024-07-25		
TOLERANCES UNLESS OTHERWISE SPECIFIED				
Linear				X.X ±0.38 X.XX ±0.25 X.XXX ±0.15 X° ±2°
Angular				
Drawing Units: mm				
Scale: 1:1 Dwg Size: A3				Product - Customer Drw
SHEET 11 OF 11				