

AMPHENOL PART NUMBER CONFIGURATION

V36 - BAZ 21 - X X 5 XXX X

V36 - DD QSFP

STYLE(ASSEMBLY)

BAZ - STACKED 2x1 CAGE FOR SMT CONNECTOR

SERIAL-NUMBER

LIGHT PIPE OPTIONS

- 0 - NO LIGHT PIPE
- 2 - DUAL BARREL LP ON CAGE TOP, ROUND OUTLET, 13.65mm PITCH
- 3 - DUAL BARREL LP ON CAGE TOP, ROUND OUTLET, 13.65mm PITCH, WITH LTAVD COATING

OPTIONS

- 0 - STANDARD
- 6 - TOP/INNER HEAT SINK WITH MICRO-TIM COATING

CAGE MATERIAL AND PLATING OPTION

- 5 - STAINLESS STEEL

PACKAGING

A - TRAY PACKAGING(HEAT SINK AND CLIP SHIPPED ASSEMBLED)

HEAT SINK OPTIONS

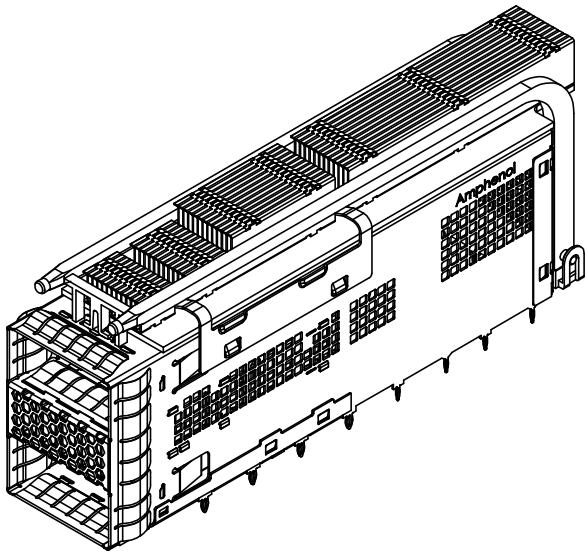
- 000 - NO HEATSINK/NO HOLE
- 100 - NO HEATSINK WITH QSFP-DD OPENING
- A02- FIN STYLE- FRONT TO BACK, STANDARD FIN SIZE and QTY, QSFP-DD PAD, NICKEL (H=4.2m, W=X, L=Standard), (2 Bar or Dual 2 Bar Clip)
- A03- FIN STYLE- FRONT TO BACK, STANDARD FIN SIZE and QTY, QSFP-DD PAD, NICKEL (H=6.5m, W=X, L=Standard), (2 Bar or Dual 2 Bar Clip)
- A04- FIN STYLE- FRONT TO BACK, STANDARD FIN SIZE and QTY, QSFP-DD PAD, NICKEL (H=13.5m, W=X, L=Standard), (2 Bar or Dual 2 Bar Clip)
- C01- FIN STYLE- LEFT TO RIGHT, STANDARD FIN SIZE and QTY, QSFP-DD PAD, NICKEL (H=3.6mm, W=X, L=Standard), (2 Bar or Dual 2 Bar Clip)
- C02- FIN STYLE- LEFT TO RIGHT, STANDARD FIN SIZE and QTY, QSFP-DD PAD, NICKEL (H=4.2mm, W=X, L=Standard), (2 Bar or Dual 2 Bar Clip)
- C03- FIN STYLE- LEFT TO RIGHT, STANDARD FIN SIZE and QTY, QSFP-DD PAD, NICKEL (H=6.5mm, W=X, L=Standard), (2 Bar or Dual 2 Bar Clip)
- C04- FIN STYLE- LEFT TO RIGHT, STANDARD FIN SIZE and QTY, QSFP-DD PAD, NICKEL (H=13.5mm, W=X, L=Standard), (2 Bar or Dual 2 Bar Clip)
- E10- ZIPPED FIN STYLE- FRONT TO BACK, CUSTOMIZED FIN SIZE and QTY, QSFP-DD PAD, NICKEL (H=11.35mm, W=X, L=Standard), (2 Bar or Dual 2 Bar Clip)
- E11- ZIPPED FIN STYLE- FRONT TO BACK, CUSTOMIZED FIN SIZE and QTY, QSFP-DD PAD, NICKEL (H=9.35mm, W=X, L=Standard), (2 Bar or Dual 2 Bar Clip)
- E12- ZIPPED FIN STYLE- FRONT TO BACK, CUSTOMIZED FIN SIZE and QTY, QSFP-DD PAD, NICKEL (H=6.3mm, W=19.25, L=75.78), (2 Bar or Dual 2 Bar Clip)
- K1R- FIN STYLE- FRONT TO BACK, WITH SIDE WINGS, QSFP-DD PAD, CLEAR ANODIZED, (H=2.92mm, W=24.38, L=90.79), (2 Bar or Dual 2 Bar Clip)

NOTES:

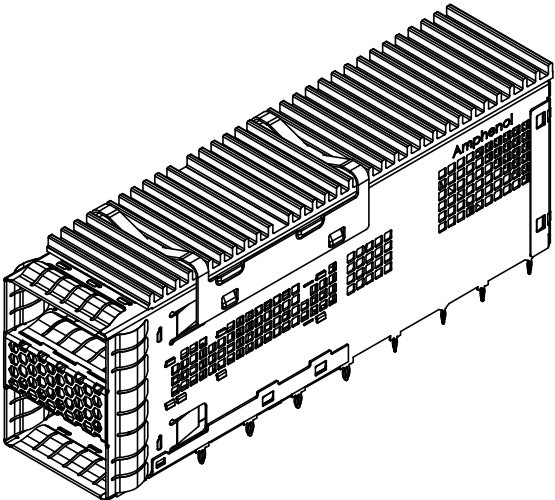
- MATERIAL:
 - CAGE-PRESS FIT: STAINLESS STEEL
 - LIGHT PIPE: GE LEXAN RESIN, CLEAR OPTICAL GRADE
 - LP COVER: PA, BLACK
 - HEAT SINK: ALUMINUM ALLOY, NICKEL PLATED OR ANODIZED
 - HEATSINK CLIP: STAINLESS STEEL
- ROHS COMPLIANT
- TRAY PACKAGE
- COMPLIES WITH QSFP-DD MSA.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PRELIMINARY DRAWING	2024/3/4	Chigow.X

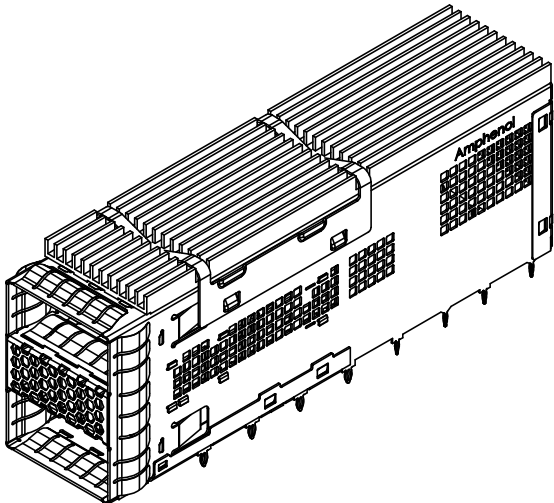
UNLESS SPECIFIED OTHERWISE		DRAWN	Silen.P	4-MAR-24	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com DD QSFP STACKED 2x1 CAGE FOR SMT CONNECTOR BELLY TO BELLY APPLICATION WITH HSK AND LP OPTIONS		
PRIMARY UNITS	MILLIMETERS	CHECKED	Peter.Z				
SECONDARY	MILLIMETERS	M.E. APP'D	-				
REFERENCE IN PARENTHESES		Q.A. APP'D	-				
GENERAL TOLERANCES		DWG. APP'D	Chigow.X		DWG. NO.		REV
1 DECIMAL PLACE	±0.25	ENG. REL. NO.			P-V36-BAZ21-XXXXXXX		A
2 DECIMAL PLACES	±0.15	REF.			CODE ID NO. 03554		SCALE: 2:1
ANGULAR DEGREES	±0.5°	THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING	DWG. SIZE: C	SHEET 1 OF 8	



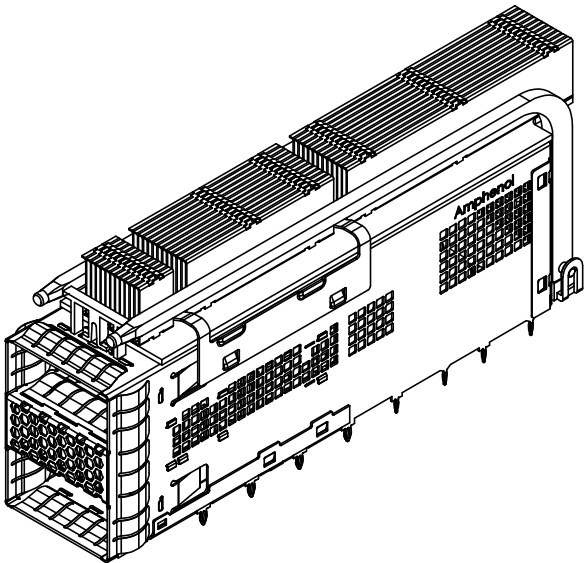
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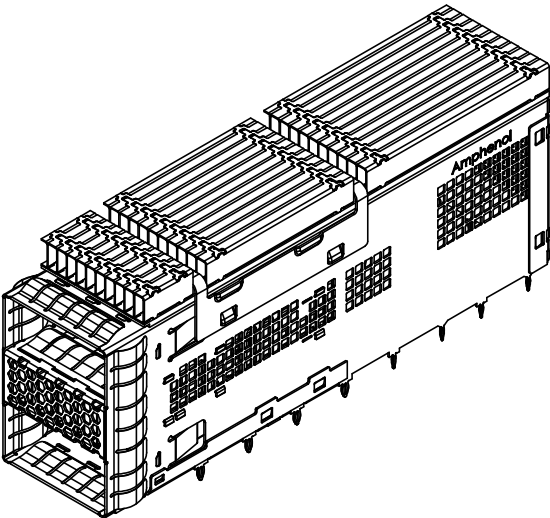
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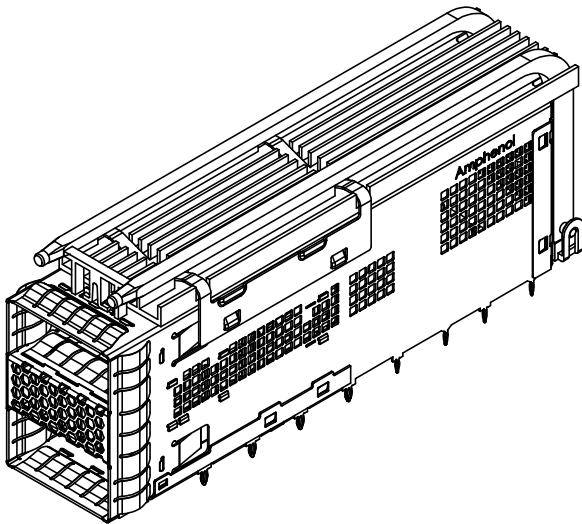
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V36-BAZ21-2X5E10A & V36-BAZ01-3X5E10A SHOWN



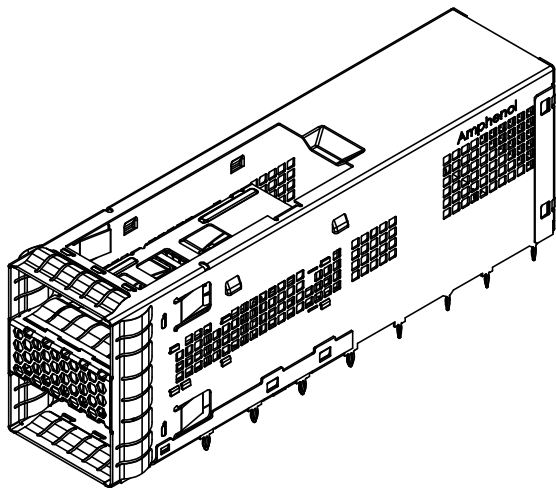
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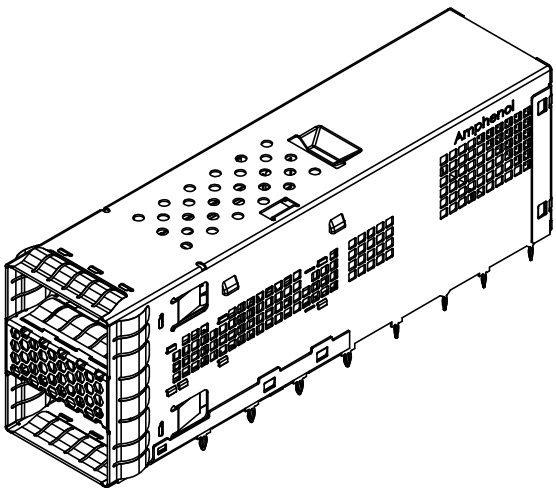
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UNLESS SPECIFIED OTHERWISE		DRAWN	Silen.P	4-MAR-24
PRIMARY UNITS	MILLIMETERS	CHECKED	Peter.Z	
SECONDARY	MILLIMETERS	M.E. APP'D	-	
REFERENCE IN PARENTHESES		Q.A. APP'D	-	
GENERAL TOLERANCES		DWG. APP'D	Chigow.X	
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2 DECIMAL PLACES	±0.15	REF.		
ANGULAR DEGREES	±0.5°	THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING

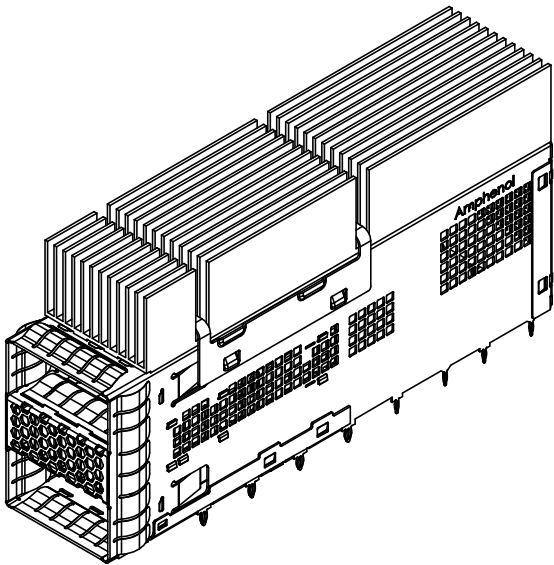
Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com			
DD QSFP STACKED 2x1 CAGE FOR SMT CONNECTOR BELLY TO BELLY APPLICATION WITH HSK AND LP OPTIONS			
DWG. NO.	P-V36-BAZ21-XXXXXXX		REV A
CODE ID NO.	03554	DWG. SIZE: C	SCALE: 2:1 SHEET 2 OF 8



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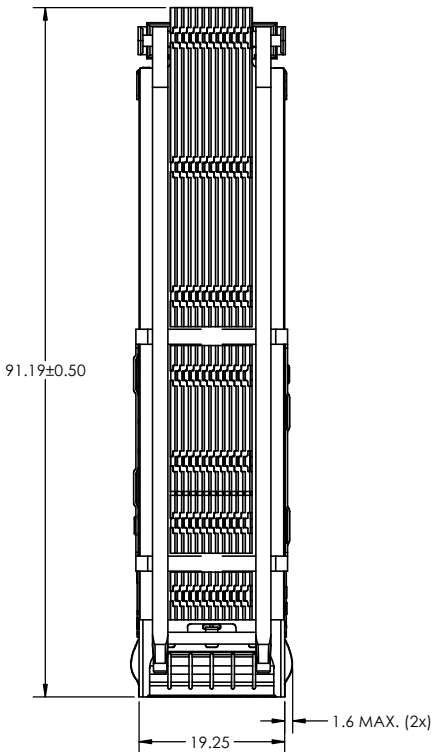


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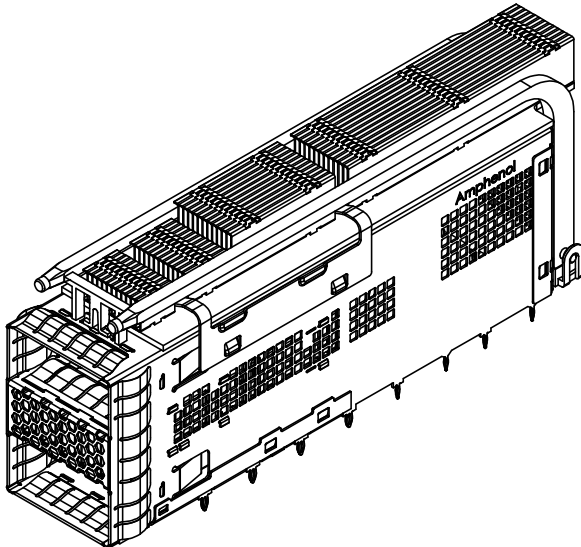


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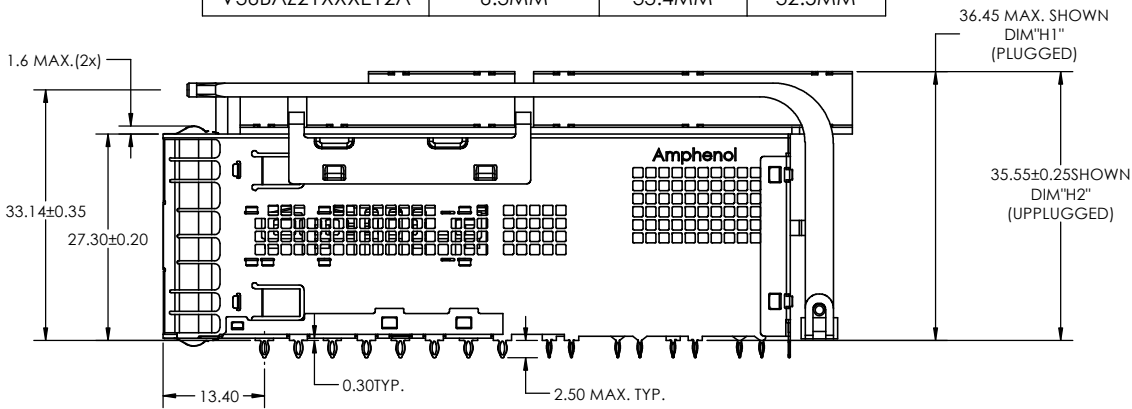
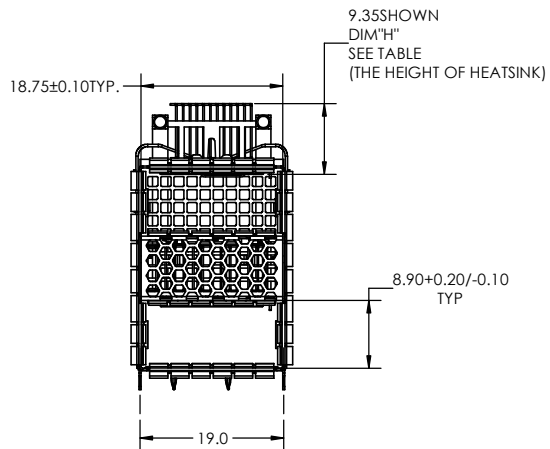
UNLESS SPECIFIED OTHERWISE		DRAWN	Silen.P	4-MAR-24	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com	
PRIMARY UNITS	MILLIMETERS	CHECKED	Peter.Z			
SECONDARY	MILLIMETERS	M.E. APP'D	-		DD QSFP STACKED 2x1 CAGE FOR SMT CONNECTOR BELLY TO BELLY APPLICATION WITH HSK AND LP OPTIONS	
REFERENCE IN PARENTHESES		Q.A. APP'D	-			
GENERAL TOLERANCES		DWG. APP'D	Chigow.X		DWG. NO. P-V36-BAZ21-XXXXXXX	REV A
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2 DECIMAL PLACES	±0.15	REF.			CODE ID NO. 03554	DWG. SIZE: C
ANGULAR DEGREES	±0.5°	THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING		
					SCALE: 2:1	SHEET 3 OF 8



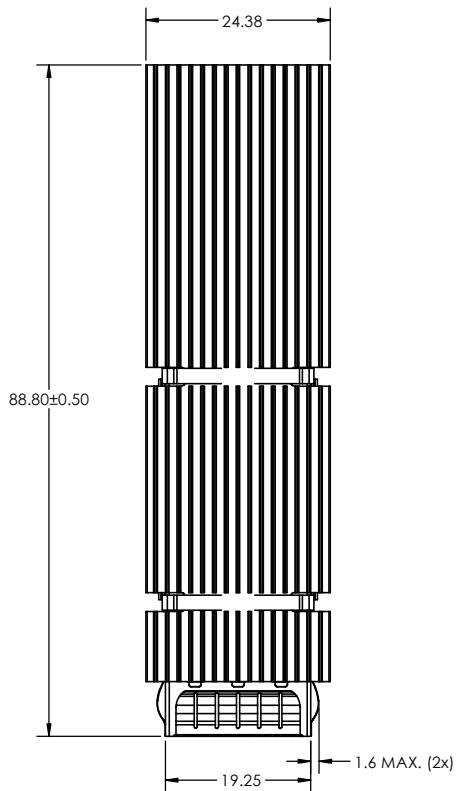
V36-BAZ21-2X5E11A & V36-BAZ21-3X5E11A SHOWN



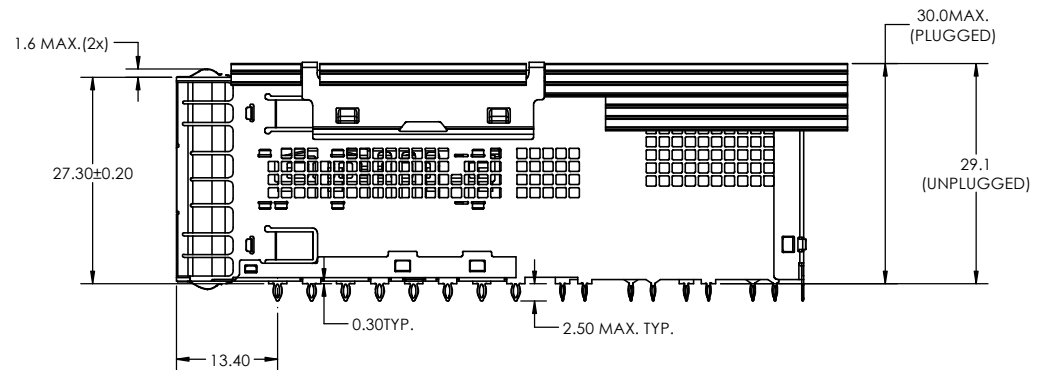
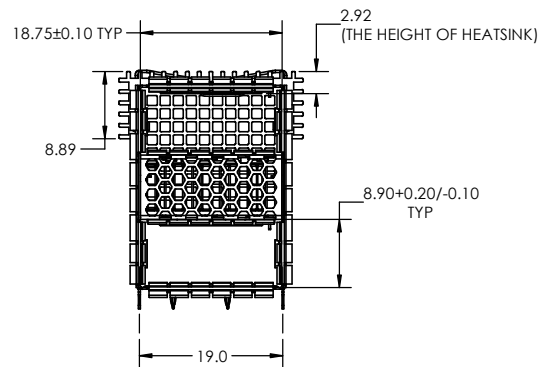
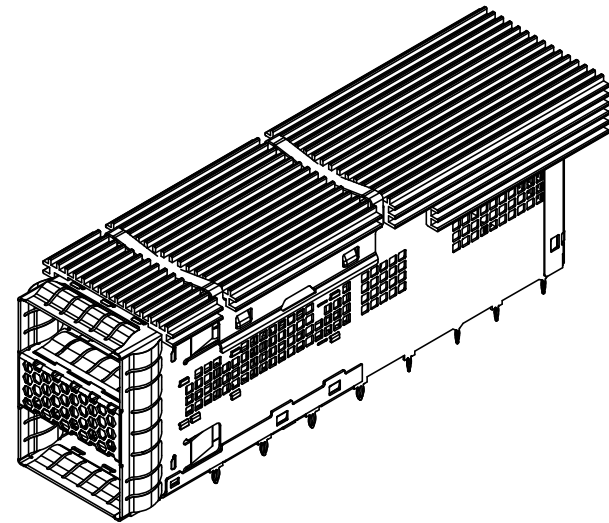
PART NUMBER	DIM"H"	DIM"H1"	DIM"H2"
V36BAZ21XXXX01A	3.6MM	30.7MM	29.8MM
V36BAZ21XXXX02A	4.2MM	31.3MM	30.4MM
V36BAZ21XXXX03A	6.5MM	33.6MM	32.7MM
V36BAZ21XXXX04A	13.5MM	40.6MM	39.7MM
V36BAZ21XXXE10A	11.35MM	38.45MM	37.55MM
V36BAZ21XXXE11A	9.35MM	36.45MM	35.55MM
V36BAZ21XXXE12A	6.3MM	33.4MM	32.5MM



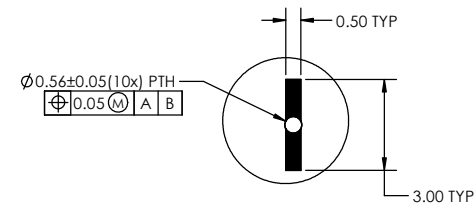
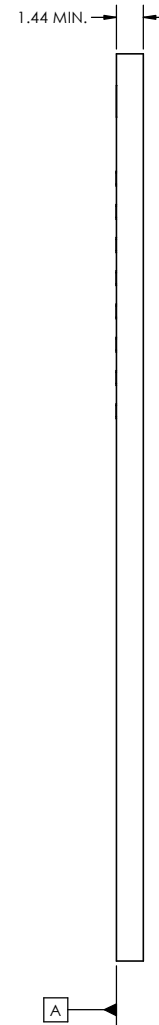
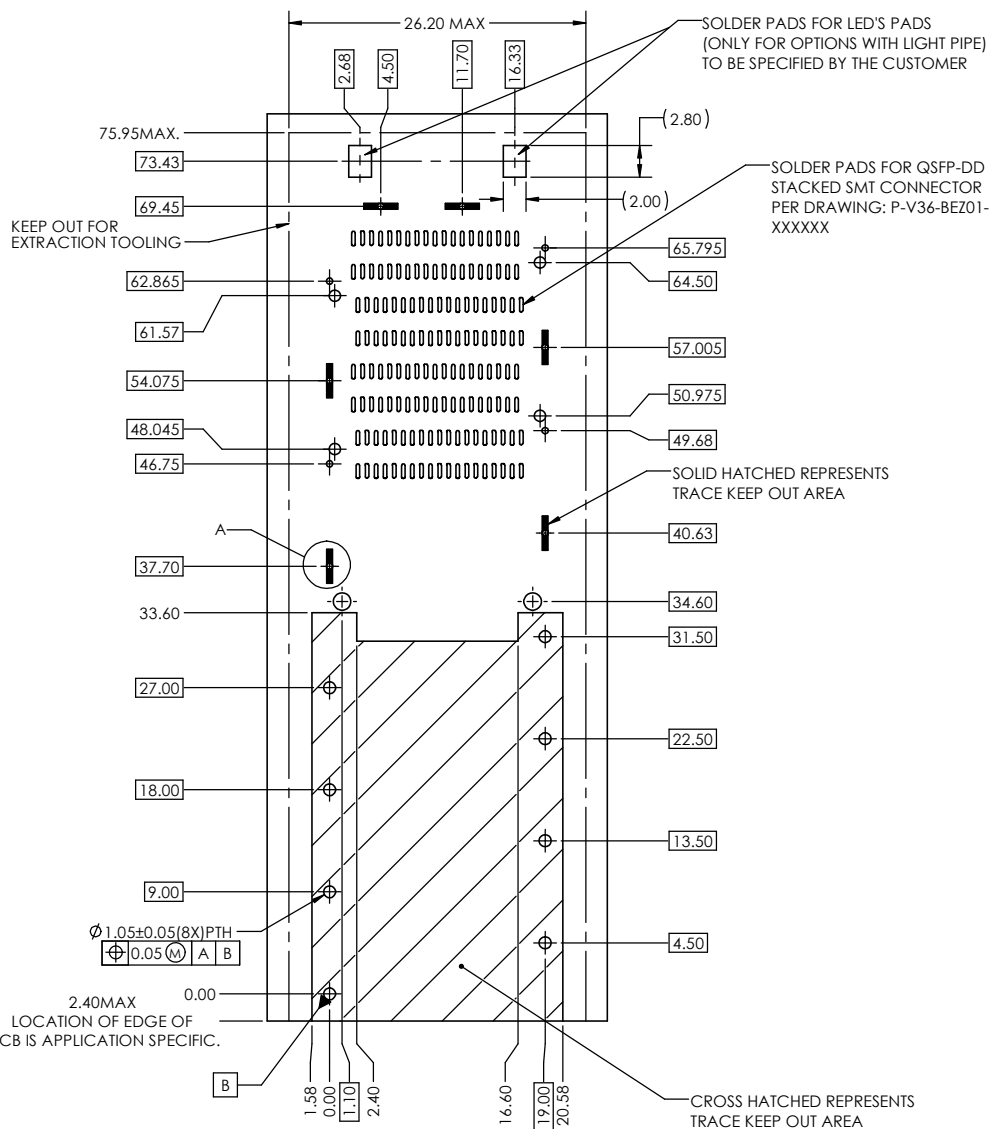
UNLESS SPECIFIED OTHERWISE		DRAWN	Silen.P	4-MAR-24	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com	
PRIMARY UNITS	MILLIMETERS	CHECKED	Peter.Z			
SECONDARY	MILLIMETERS	M.E. APP'D	-		DD QSFP STACKED 2x1 CAGE FOR SMT CONNECTOR BELLY TO BELLY APPLICATION WITH HSK AND LP OPTIONS	
REFERENCE IN PARENTHESES		Q.A. APP'D	-			
GENERAL TOLERANCES		DWG. APP'D	Chigow.X		P-V36-BAZ21-XXXXXXX	
1 DECIMAL PLACE	±0.25	ENG. REL. NO.				
2 DECIMAL PLACES	±0.15	REF.			A	
ANGULAR DEGREES	±0.5°	THIRD ANGLE PROJECTION				
		DO NOT SCALE DRAWING			DWG. NO.	
					CODE ID NO. 03554 DWG SIZE: C SCALE: 2:1 SHEET 4 OF 8	



V36-BAZ21-0X5K1RA SHOWN



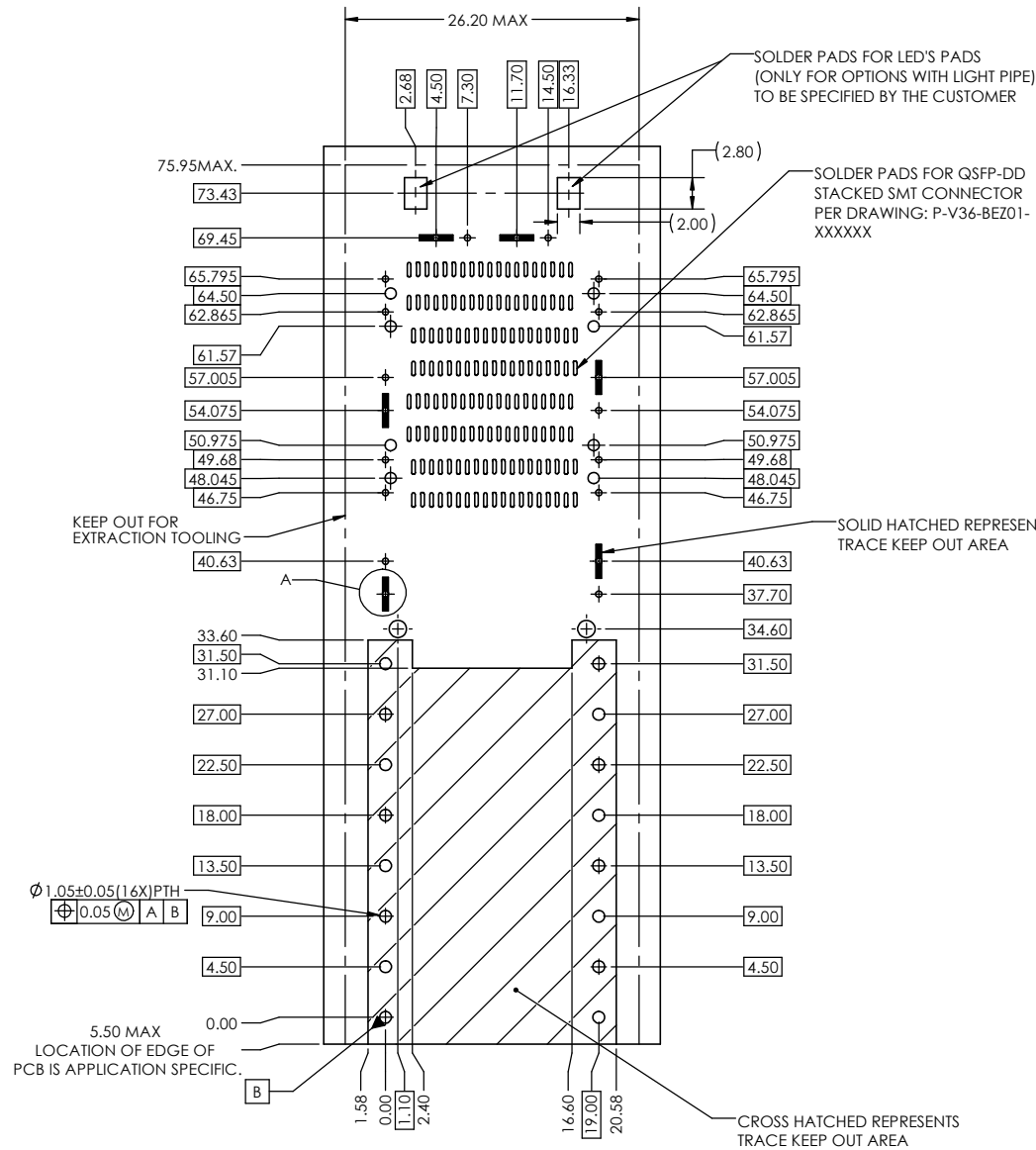
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PRIMARY UNITS	MILLIMETERS	CHECKED	Peter.Z			
SECONDARY	MILLIMETERS	M.E. APP'D	-		DD QSFP STACKED 2x1 CAGE FOR SMT CONNECTOR BELLY TO BELLY APPLICATION WITH HSK AND LP OPTIONS	
REFERENCE IN PARENTHESES		Q.A. APP'D	-			
GENERAL TOLERANCES		DWG. APP'D	Chigow.X		P-V36-BAZ21-XXXXXXX	
1 DECIMAL PLACE	±0.25	ENG. REL. NO.				
2 DECIMAL PLACES	±0.15	REF.			CODE ID NO. 03554 DWG SIZE: C SCALE: 2:1 SHEET 5 OF 8	
ANGULAR DEGREES	±0.5°	THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING		



**RECOMMENDED SINGLE SIDE MOUNTING PCB BOARD LAYOUT
COMPONENT SIDE SHOWN**

UNLESS SPECIFIED OTHERWISE		DRAWN	Silen.P	4-MAR-24
PRIMARY UNITS	MILLIMETERS	CHECKED	Peter.Z	
SECONDARY	MILLIMETERS	M.E. APP'D	-	
REFERENCE IN PARENTHESES		Q.A. APP'D	-	
GENERAL TOLERANCES		DWG. APP'D	Chigow.X	
1 DECIMAL PLACE	±0.25	ENG. REL. NO.		
2 DECIMAL PLACES	±0.15	REF.		
ANGULAR DEGREES	±0.5°	THIRD ANGLE PROJECTION		
		DO NOT SCALE DRAWING		

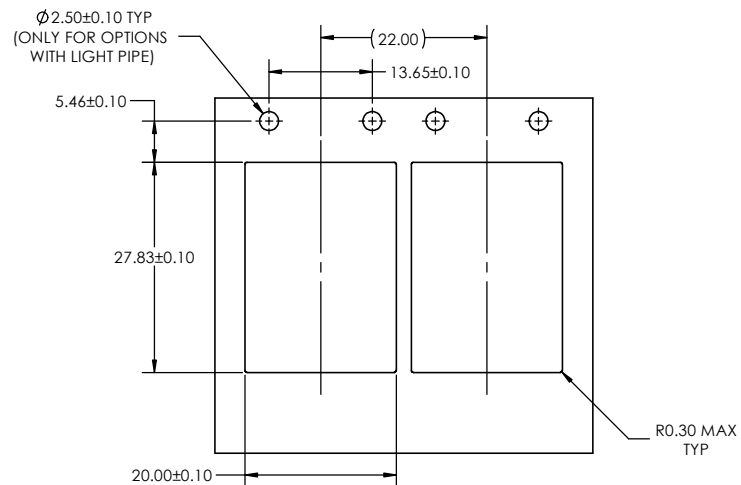
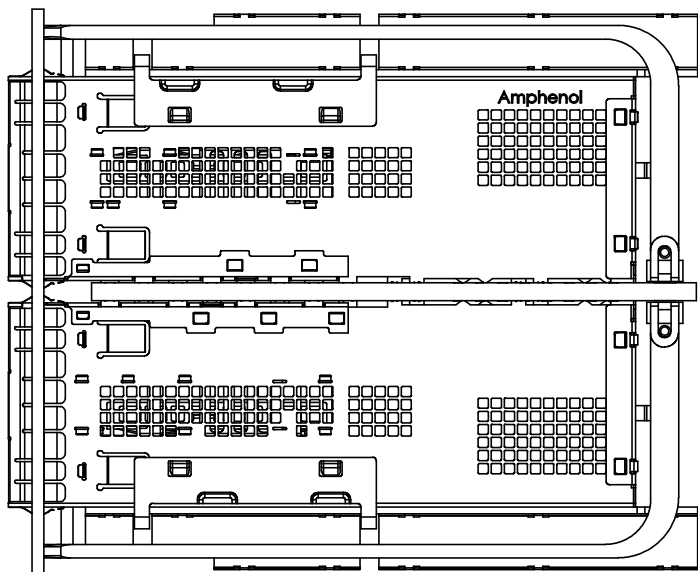
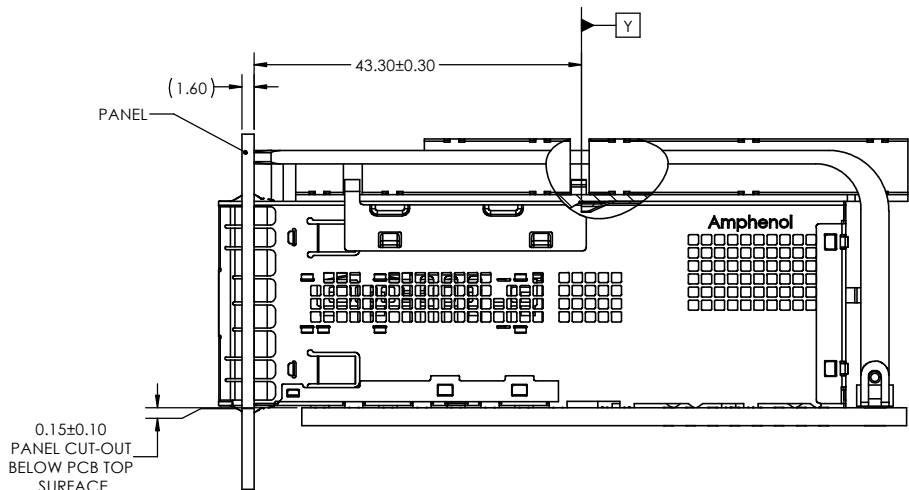
Amphenol High Speed Interconnects			
A Division of Amphenol Corp. www.amphenol-highspeed.com			
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DWG. NO.	P-V36-BAZ21-XXXXXXX		REV A
CODE ID NO.	03554	DWG. SIZE: C	SCALE: 2:1 SHEET 6 OF 8



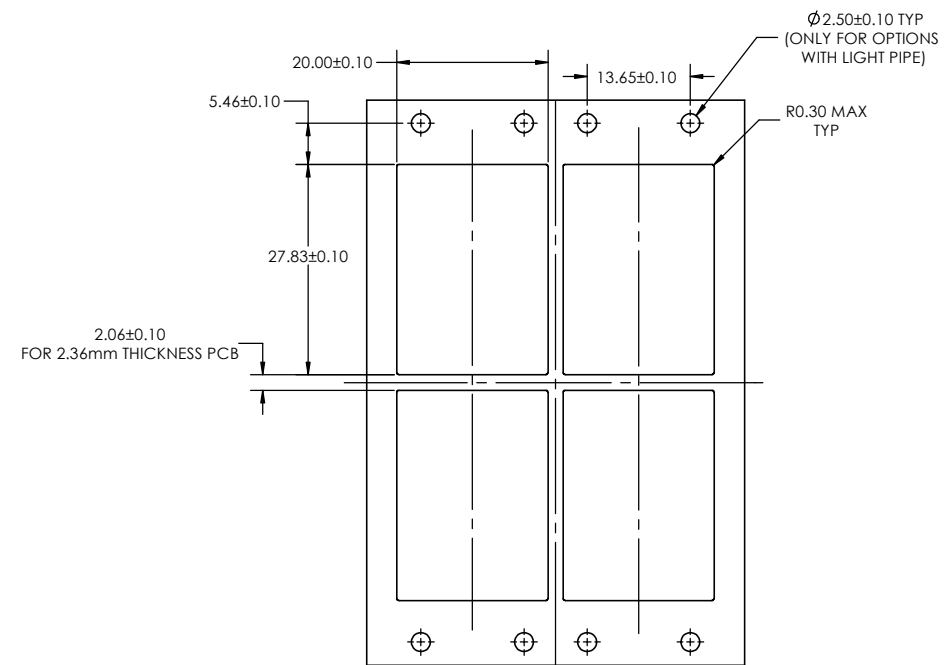
**RECOMMENDED BELLY TO BELLY MOUNTING PCB BOARD LAYOUT
COMPONENT SIDE SHOWN**

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SECONDARY	MILLIMETERS	M.E. APP'D	-		DD QSFP STACKED 2x1 CAGE FOR SMT CONNECTOR BELLY TO BELLY APPLICATION WITH HSK AND LP OPTIONS	
REFERENCE IN PARENTHESES		Q.A. APP'D	-			
GENERAL TOLERANCES		DWG. APP'D	Chigow.X		P-V36-BAZ21-XXXXXXX	
1 DECIMAL PLACE	±0.25	ENG. REL. NO.				
2 DECIMAL PLACES	±0.15	REF.			DWG. NO. P-V36-BAZ21-XXXXXXX REV A	
ANGULAR DEGREES	±0.5°	THIRD ANGLE PROJECTION				
		DO NOT SCALE DRAWING			CODE ID NO. 03554 DWG SIZE: C SCALE: 2:1 SHEET 7 OF 8	



RECOMMENDED PANEL FOR SINGLE SIDE MOUNTING



RECOMMENDED PANEL FOR BELLY TO BELLY MOUNTING

UNLESS SPECIFIED OTHERWISE		DRAWN	Silen.P	4-MAR-24	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com	
PRIMARY UNITS	MILLIMETERS	CHECKED	Peter.Z			
SECONDARY	MILLIMETERS	M.E. APP'D	-		DD QSFP STACKED 2x1 CAGE FOR SMT CONNECTOR BELLY TO BELLY APPLICATION WITH HSK AND LP OPTIONS	
REFERENCE IN PARENTHESES		Q.A. APP'D	-			
GENERAL TOLERANCES		DWG. APP'D	Chigow.X		DWG. NO. P-V36-BAZ21-XXXXXXX	REV A
1 DECIMAL PLACE	±0.25	ENG. REL. NO.				
2 DECIMAL PLACES	±0.15	REF.			CODE ID NO. 03554 DWG SIZE: C SCALE: 1:1 SHEET 8 OF 8	
ANGULAR DEGREES	±0.5°	THIRD ANGLE PROJECTION				