

AMPHENOL PART NUMBER CONFIGURATION

V36 - BAZ17 - X X 5 XXX X

V36 - DD QSFP
STYLE(ASSEMBLY)
BAZ17 - 2x1 GEN MARKET LONG CAGE
FOR ANCHOR PIN SMT CONNECTOR WITH STOP(V36-BEZ01)

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
6- BASE ON OPTION "2" WITH CUSTOMIZED LIGHT PIPE COVER

THE MINOR FEATURES OF THE CAGE OPTIONS
0 - WITH STANDARDIZED EMBOSS ON BOTTOM CAGE
1 - WITH CUSTOMIZED "H" EMBOSS ON BOTTOM CAGE
6 -TOP/MIDDLE HEAT SINK WITH MICRO-TIM COATING

CAGE MATERIAL AND PLATING OPTION
5 - STAINLESS STEEL

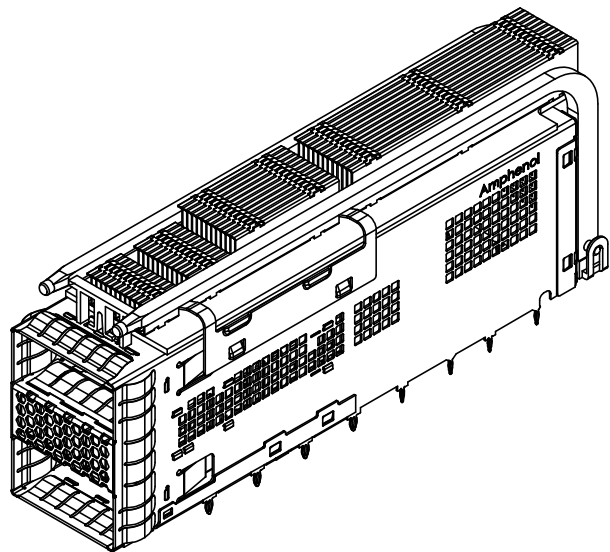
PACKAGING
A - TRAY PACKAGING(HEAT SINK AND CLIP SHIPPED ASSEMBLED

HEAT SINK OPTIONS
000 - NO HEATSINK/NO HOLE
100 - NO HEATSINK WITH QSFP-DD OPENING
A01- FIN STYLE- FRONT TO BACK, STANDARD FIN SIZE and QTY, QSFP-DD PAD, NICKEL
(H=3.6mm, W=19mm, L=76.65mm), (2 Bar or Dual 2 Bar Clip)
A02- FIN STYLE- FRONT TO BACK, STANDARD FIN SIZE and QTY, QSFP-DD PAD, NICKEL
(H=4.2mm, W=19mm, L=XXmm), (2 Bar or Dual 2 Bar Clip)
A03- FIN STYLE- FRONT TO BACK, STANDARD FIN SIZE and QTY, QSFP-DD PAD, NICKEL
(H=6.5mm, W=19mm, L=XXmm), (2 Bar or Dual 2 Bar Clip)
A04- FIN STYLE- FRONT TO BACK, STANDARD FIN SIZE and QTY, QSFP-DD PAD, NICKEL
(H=13.5mm, W=19mm, L=76.65mm), (2 Bar or Dual 2 Bar Clip)
A14- FIN STYLE- FRONT TO BACK, STANDARD FIN SIZE and QTY, QSFP-DD PAD, NATURAL ANODIZED
(H=6.5mm, W=19mm, L=XXmm), (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=19mm, L=76.65mm), (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=19mm, L=76.65mm), (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=19mm, L=76.65mm), (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=19mm, L=76.65mm), (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=19mm, L=81mm), (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=XXmm, L=XXmm), (2 Bar or Dual 2 Bar Clip)
E21- ZIPPED FIN STYLE- FRONT TO BACK, CUSTOMIZED FIN SIZE and QTY, QSFP-DD PAD, NICKEL
(H=11.35mm, W=22.2mm, L=76.4mm), (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=24.38mm, L=81.56mm), (2 Bar or Dual 2 Bar Clip)

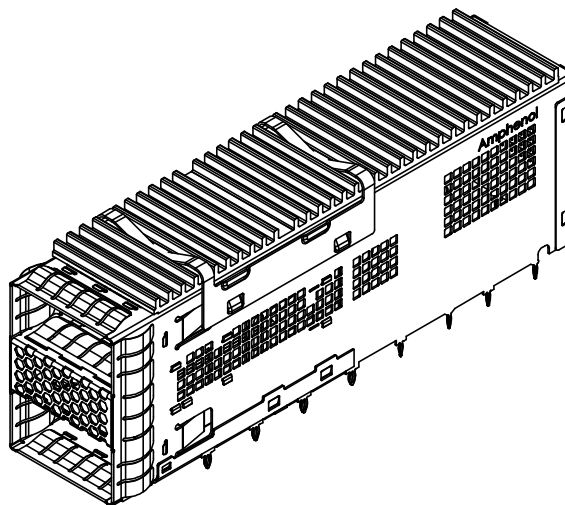
- NOTES:
- 1) MATERIAL:
CAGE-PRESS FIT: STAINLESS STEEL
LIGHT PIPE: GE LEXAN RESIN, CLEAR OPTICAL GRADE
LP COVER: PA, BLACK
HEAT SINK: ALUMINUM ALLOY, NICKEL PLATED OR ANODIZED
HEATSINK CLIP: STAINLESS STEEL
- 2) ROHS COMPLIANT
- 3) TRAY PACKAGE
- 4) COMPLIES WITH QSFP-DD MSA.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	2-MAR-2023	Chigow.X
B	ADD OPTION V36-BAZ17-265E21A	17-MAR-2023	Chigow.X
C	SHEET 2, CORRECT THE FIN PIN QTY OF V36-BAZ17-005A02A TO 12FINS	19-MAY-2023	Chigow.X
D	SHEET 3,UPDATED DRAWING ADD OPTIONS V36-BAZ17-205A02A/205A03A/005100A	2024/10/18	Chigow.X
E	SHEET 3,UPDATED DRAWING ADD OPTION V36-BAZ17-005A04A	2024/10/25	Chigow.X
F	SHEET 3,UPDATED DRAWING ADD OPTION V36-BAZ17-605A03A	2024/11/04	Chigow.X
G	SHEET 3,UPDATED DRAWING ADD OPTION V36-BAZ17-005A01A	2025/03/12	Chigow.X
H	SHEET 3,UPDATED DRAWING ADD OPTION V36-BAZ17-215A14A	2025/08/22	Chigow.X
J	SHEET 4,UPDATED DRAWING ADD OPTION V36-BAZ17-205E12A	2025/10/23	Chigow.X

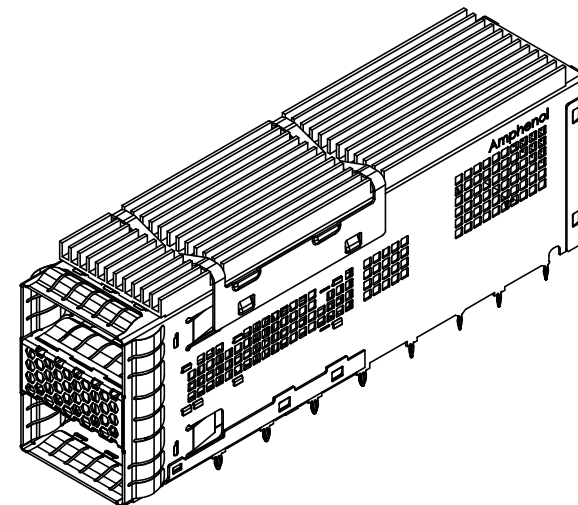
UNLESS SPECIFIED OTHERWISE		DRAWN	Silen.P	2-MAR-23	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com DD QSFP STACKED 2x1 LONG CAGE FOR ANCHOR PIN SMT CONNECTOR BELLY TO BELLY APPLICATION WITH HSK AND LP OPTIONS				
PRIMARY UNITS	MILLIMETERS	CHECKED	Peter.Z						
SECONDARY	MILLIMETERS	M.E. APP'D	-						
REFERENCE IN PARENTHESES		Q.A. APP'D	-						
GENERAL TOLERANCES		DWG APP'D	Chigow.X		DWG. NO. P-V36-BAZ17-XXXXXXX REV J				
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 1 OF 10				
ANGULAR DEGREES		±0.5°	THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING				



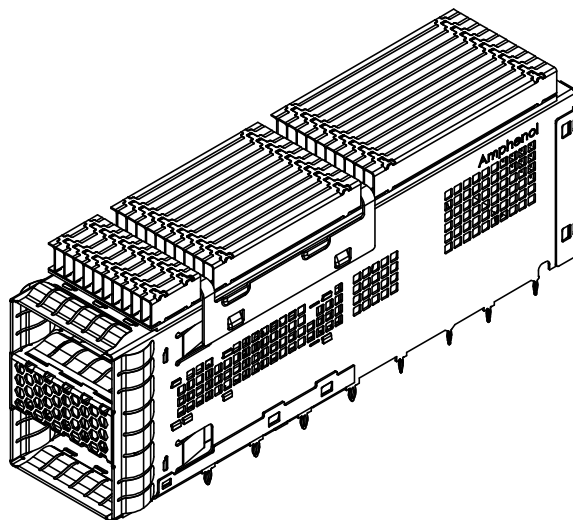
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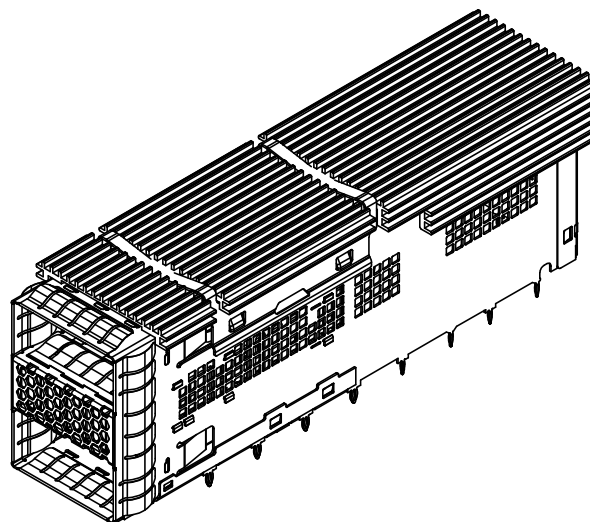
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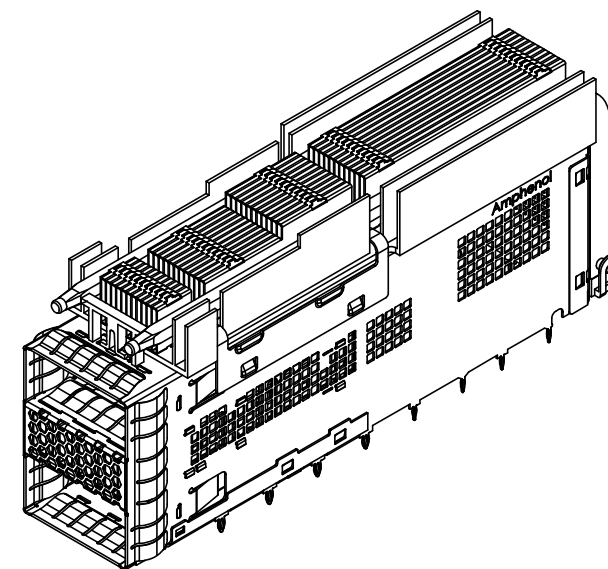
V36-BAZ17-005A02A SHOWN



V36-BAZ17-0X5E12A SHOWN



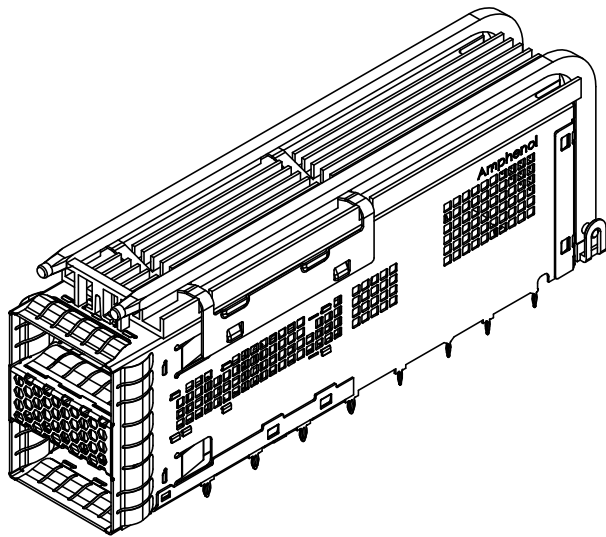
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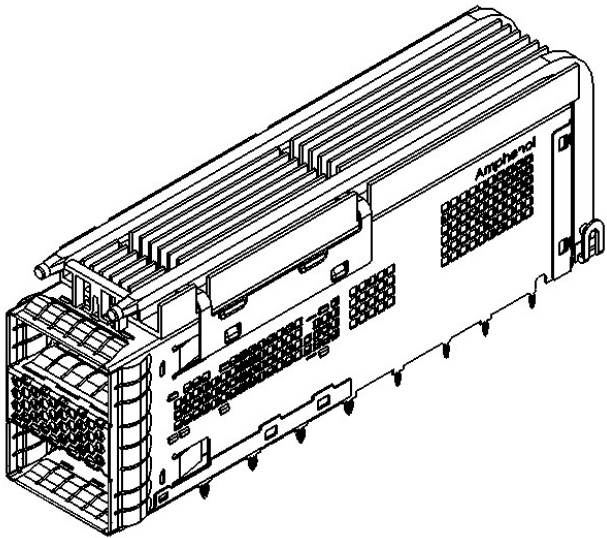
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UNLESS SPECIFIED OTHERWISE		DRAWN	Silen.P	2-MAR-23
PRIMARY UNITS	MILLIMETERS	CHECKED	Peter.Z	
SECONDARY	MILLIMETERS	M.E. APP'D	-	
REFERENCE IN PARENTHESES		Q.A. APP'D	-	
GENERAL TOLERANCES		DWG. APP'D	Chigow.X	
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		DO NOT SCALE DRAWING		

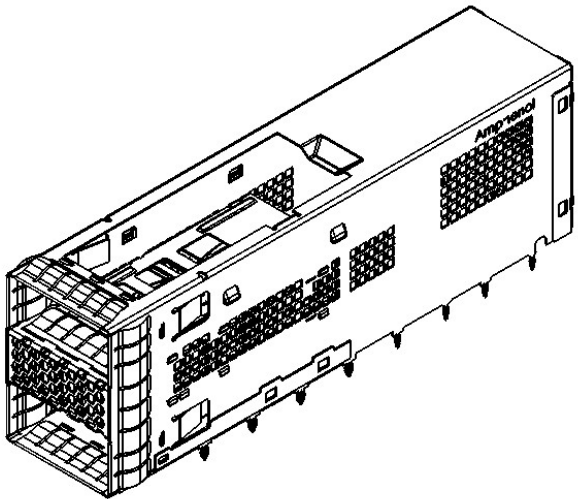
Amphenol High Speed Interconnects			
A Division of Amphenol Corp. www.amphenol-highspeed.com			
DD QSFP STACKED 2x1 LONG CAGE FOR ANCHOR PIN SMT CONNECTOR BELLY TO BELLY APPLICATION WITH HSK AND LP OPTIONS			
DWG. NO.	P-V36-BAZ17-XXXXXXX		REV J
CODE ID NO.	03554	DWG SIZE: C	SCALE: 2:1 SHEET 2 OF 10



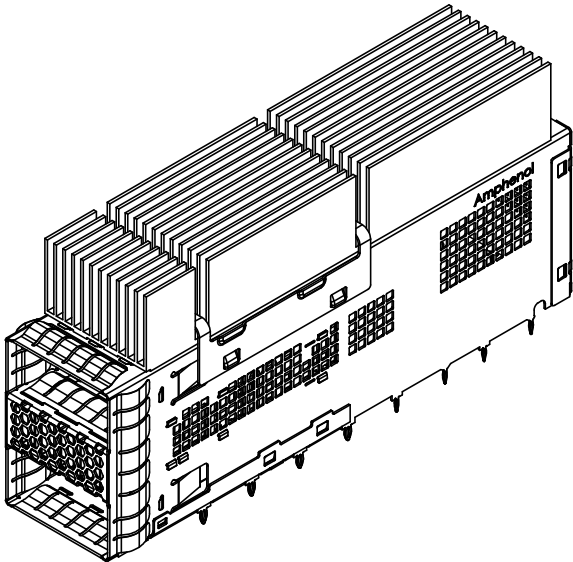
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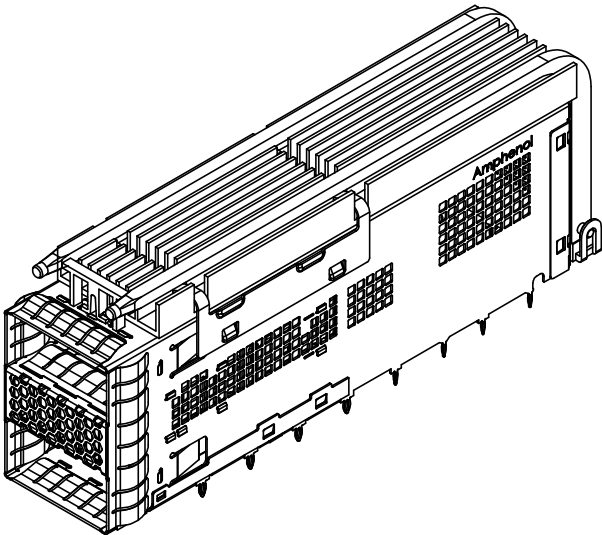
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V36-BAZ17-215A14A SHOWN



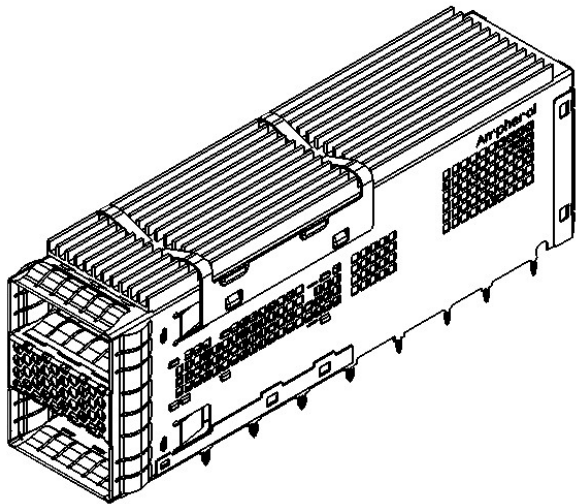
V36-BAZ17-005100A SHOWN



V36-BAZ17-005A04A SHOWN



V36-BAZ17-605A03A SHOWN



V36-BAZ17-005A01A SHOWN

UNLESS SPECIFIED OTHERWISE		DRAWN	Silen.P	2-MAR-23
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

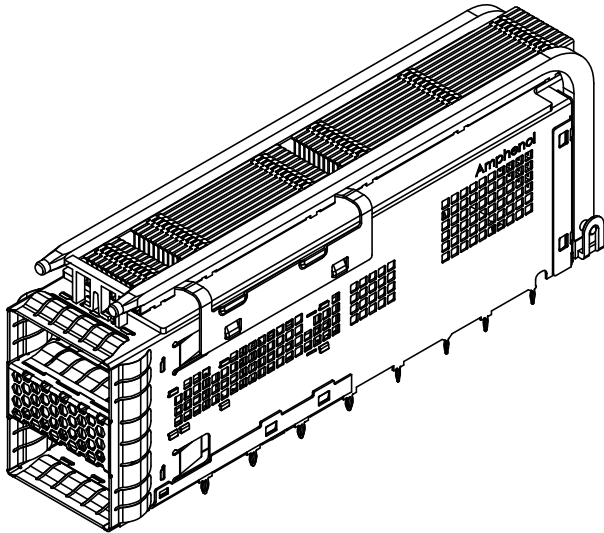
Amphenol High Speed Interconnects

A Division of Amphenol Corp. www.amphenol-highspeed.com

DD QSFP STACKED 2x1 LONG CAGE FOR
ANCHOR PIN SMT CONNECTOR
BELLY TO BELLY APPLICATION
WITH HSK AND LP OPTIONS

P-V36-BAZ17-XXXXXXX

DWG. NO.	REV
CODE ID NO. 03554	J
DWG. SIZE: C	SCALE: 2:1
SHEET 3 OF 10	

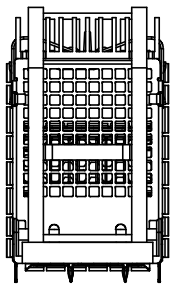


V36-BAZ17-205E12A SHOWN 

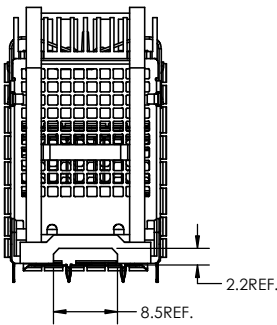
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UNLESS SPECIFIED OTHERWISE		DRAWN	Silen.P	2-MAR-23	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com			
PRIMARY UNITS	MILLIMETERS	CHECKED	Peter.Z					
SECONDARY	MILLIMETERS	M.E. APP'D	-		DD QSFP STACKED 2x1 LONG CAGE FOR ANCHOR PIN 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-BAZ17-XXXXXXX REV J			
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 4 OF 10			
ANGULAR DEGREES	±0.5°	THIRD ANGLE PROJECTION 	DO NOT SCALE DRAWING					

LIGHT PIPE OPTIONS

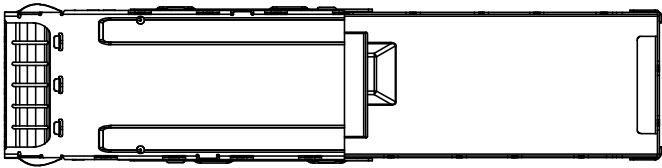


V36-BAZ17-2XXXXXX & V36-BAZ17-3XXXXXX
WITH STANDARD LIGHT PIPE COVER

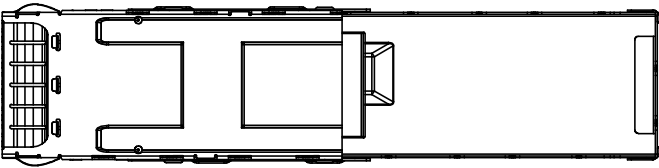


V36-BAZ17-6XXXXXX
WITH CUSTOMIZED LIGHT PIPE COVER

THE MINOR FEATURES OF THE CAGE OPTIONS

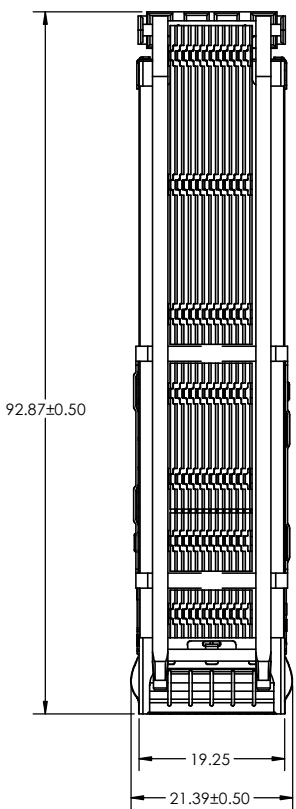


V36-BAZ17-X0XXXXX & V36-BAZ17-X6XXXXX
WITH STANDARD EMBOSS ON BOTTOM CAGE

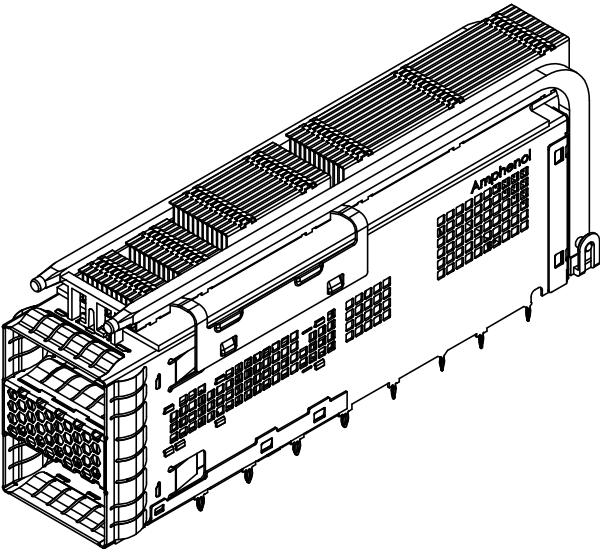


V36-BAZ17-X1XXXXX
WITH CUSTOMIZED "H" EMBOSS ON BOTTOM CAGE

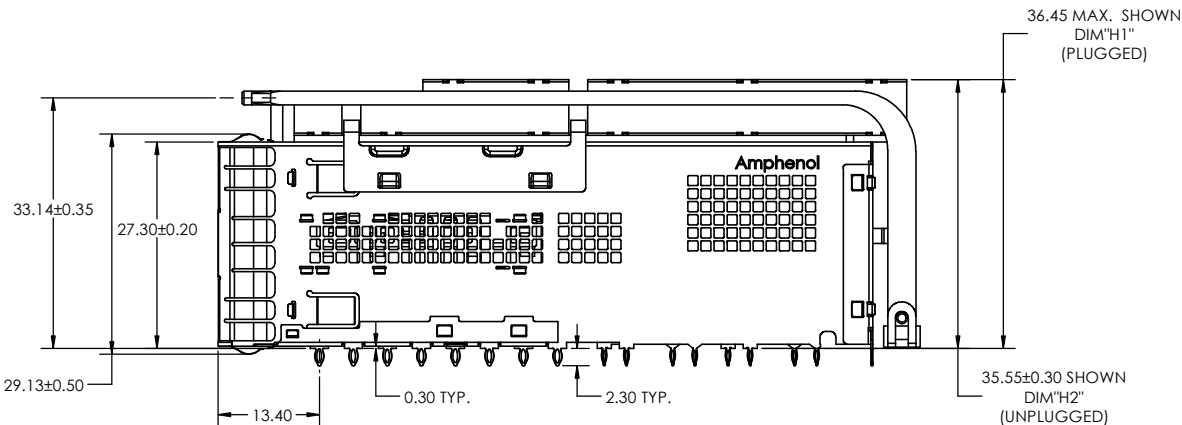
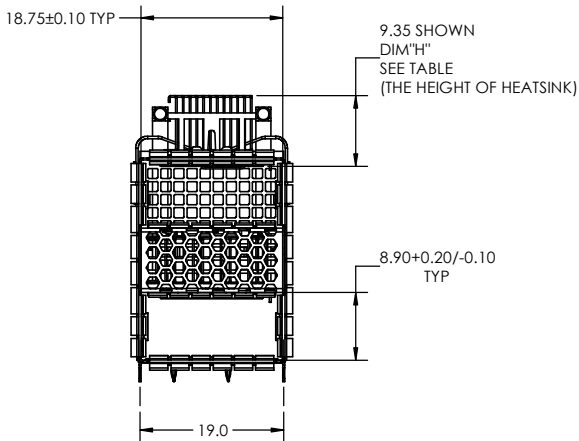
UNLESS SPECIFIED OTHERWISE		DRAWN	Silen.P	2-MAR-23	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com		
PRIMARY UNITS	MILLIMETERS	CHECKED	Peter.Z				
SECONDARY	MILLIMETERS	M.E. APP'D	-		DD QSFP STACKED 2x1 LONG CAGE FOR ANCHOR PIN SMT CONNECTOR BELLY TO BELLY APPLICATION WITH HSK AND LP OPTIONS		
REFERENCE IN PARENTHESES		Q.A. APP'D	-				
GENERAL TOLERANCES		DWG. APP'D	Chigow.X		DWG. NO.		REV
1 DECIMAL PLACE	±0.25	ENG. REL. NO.			P-V36-BAZ17-XXXXXXX		J
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 5 OF 10



V36-BAZ17-305E11A SHOWN

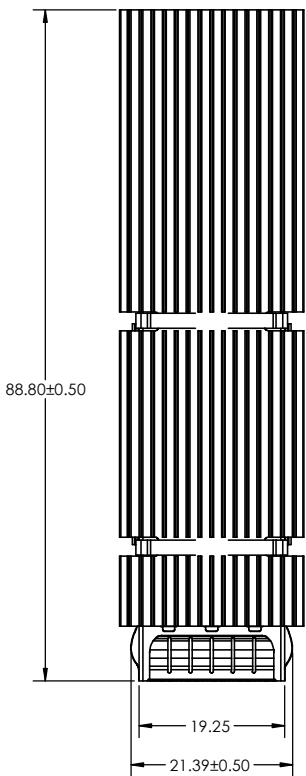


PART NUMBER	DIM"H"	DIM"H1"	DIM"H2"
V36BAZ17XXXXX01A	3.6MM	30.7MM	29.8MM
V36BAZ17XXXXX02A	4.2MM	31.3MM	30.4MM
V36BAZ17XXXXX03A	6.5MM	33.6MM	32.7MM
V36BAZ17XXXXX04A	13.5MM	40.6MM	39.7MM
V36BAZ17XXXXE11A	9.35MM	36.45MM	35.55MM
V36BAZ17XXXXE12A	6.3MM	33.4MM	32.5MM
V36BAZ17XXXXE21A	11.35MM	38.45MM	37.55MM

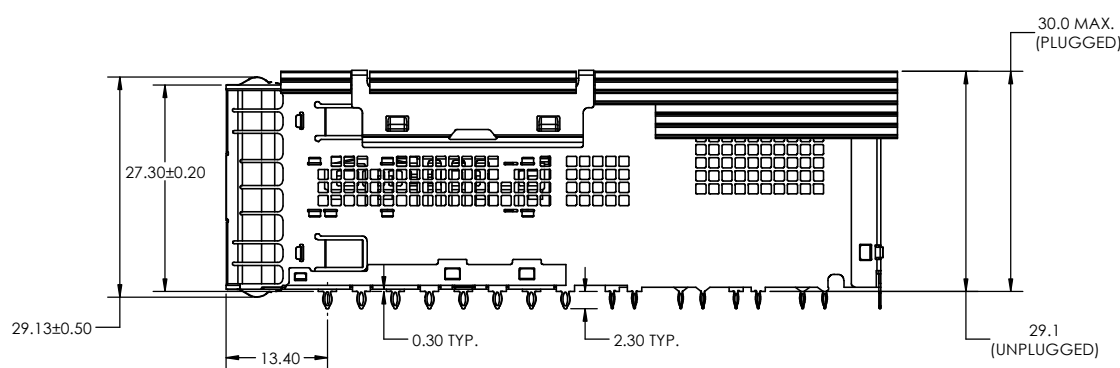
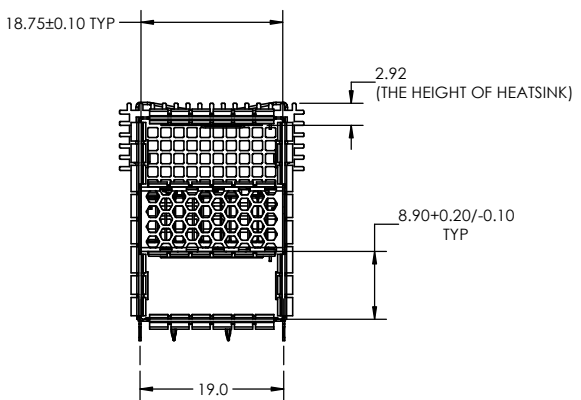
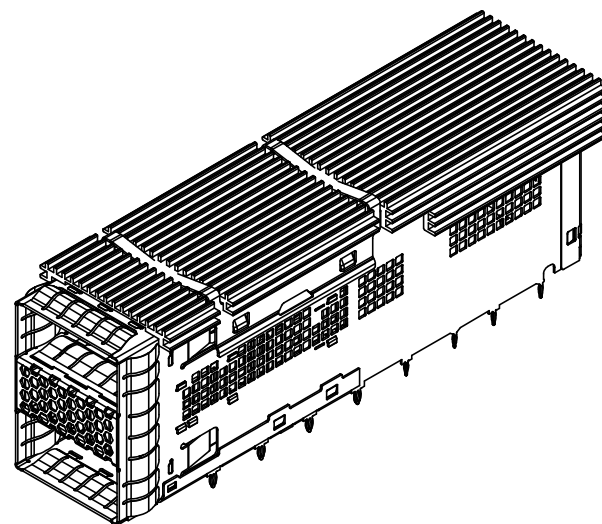


UNLESS SPECIFIED OTHERWISE	DRAWN	Silen.P	2-MAR-23
PRIMARY UNITS	MILLIMETERS	CHECKED	Peter.Z
SECONDARY	MILLIMETERS	M.E. APP'D	-
REFERENCE IN PARENTHESES		Q.A. APP'D	-
GENERAL TOLERANCES		DWG. APP'D	Chigow.X
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2 DECIMAL PLACES	±0.15	REF.	
ANGULAR DEGREES	±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 LONG CAGE FOR ANCHOR PIN SMT CONNECTOR BELLY TO BELLY APPLICATION WITH HSK AND LP OPTIONS			
DWG. NO.	P-V36-BAZ17-XXXXXXX		REV J
CODE ID NO.	03554	DWG SIZE: C	SCALE: 2:1 SHEET 6 OF 10

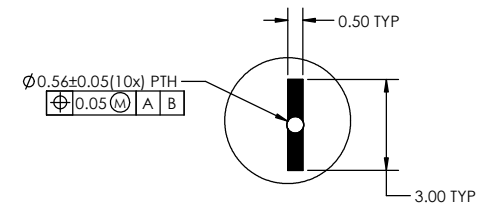
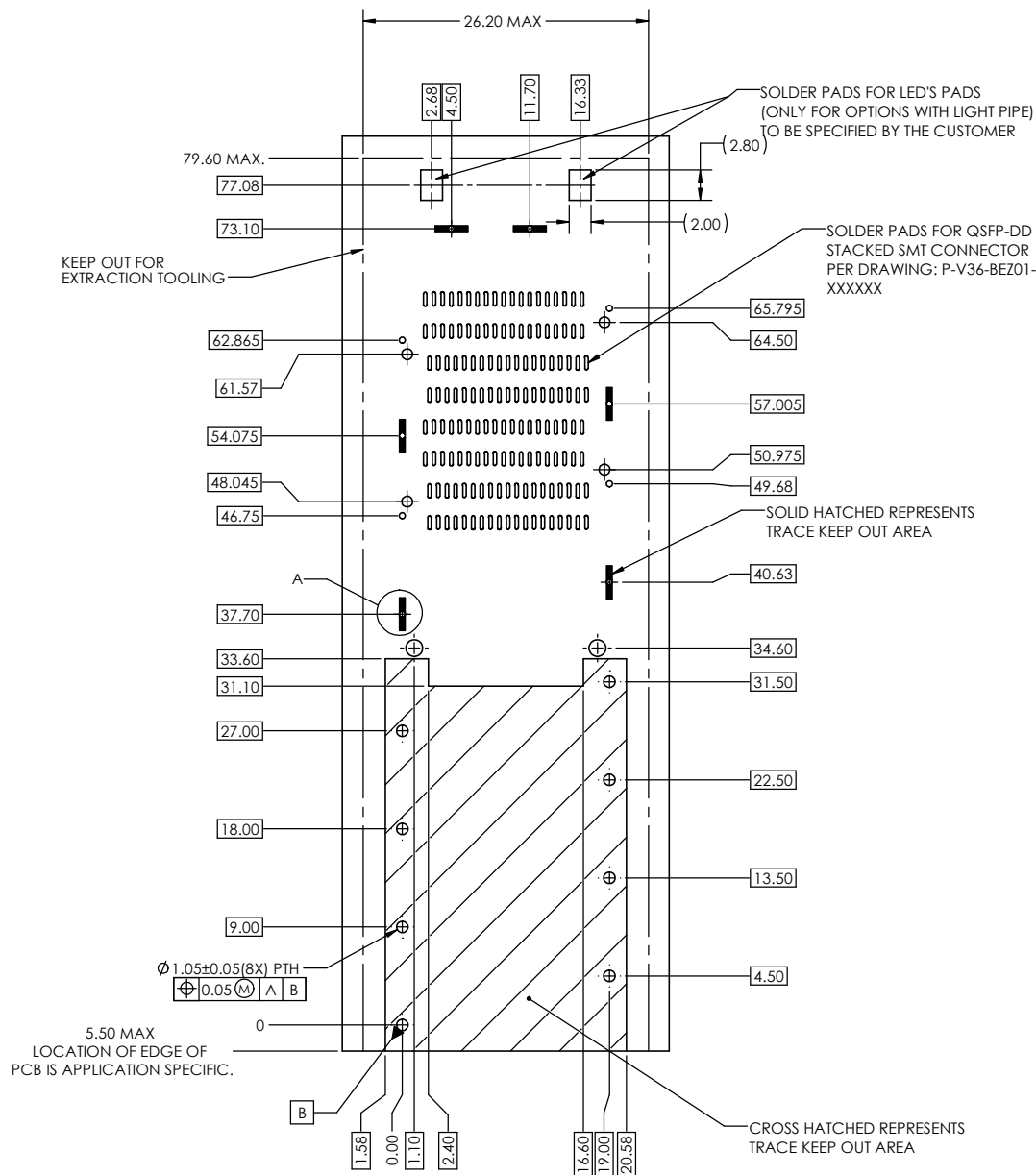


V36-BAZ17-005K1RA SHOWN



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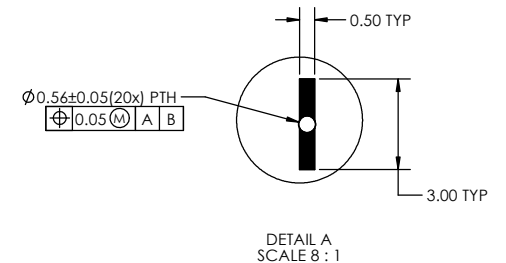
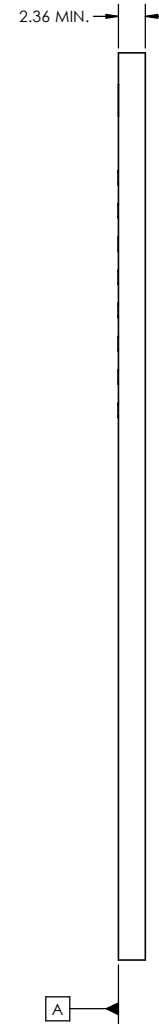
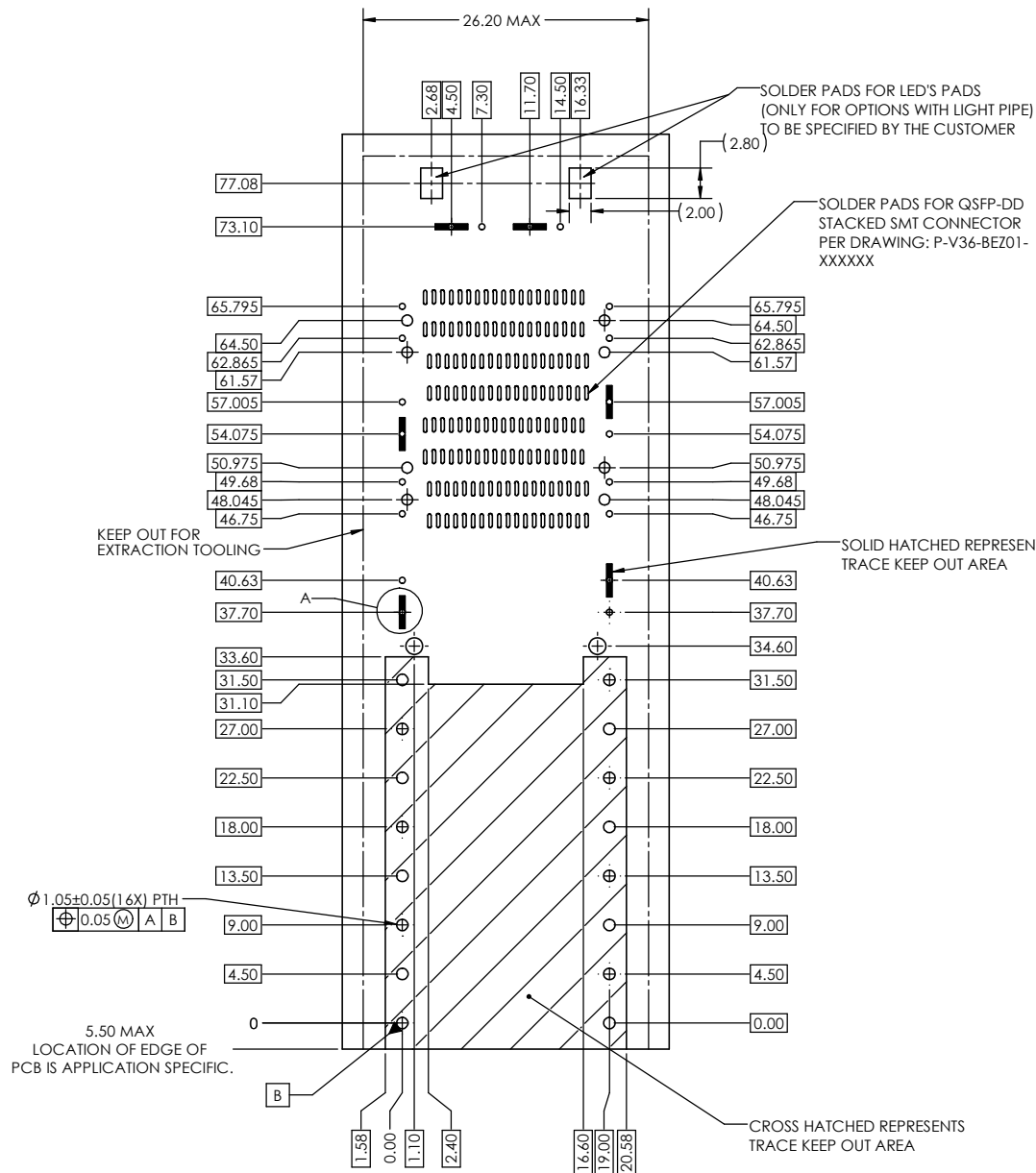
UNLESS SPECIFIED OTHERWISE		DRAWN	Silen.P	2-MAR-23	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com DD QSFP STACKED 2x1 LONG CAGE FOR ANCHOR PIN SMT CONNECTOR BELLY TO BELLY APPLICATION WITH HSK AND LP OPTIONS	
PRIMARY UNITS	MILLIMETERS	CHECKED	Peter.Z			
SECONDARY	MILLIMETERS	M.E. APP'D	-			
REFERENCE IN PARENTHESES		Q.A. APP'D	-			
GENERAL TOLERANCES		DWG. APP'D	Chigow.X		DWG. NO.	
1 DECIMAL PLACE	±0.25	ENG. REL. NO.			P-V36-BAZ17-XXXXXXX	
2 DECIMAL PLACES	±0.15	REF.			REV	
ANGULAR DEGREES	±0.5°	THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING	CODE ID NO.	J
				03554	DWG. SIZE: C	SHEET 7 OF 10



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

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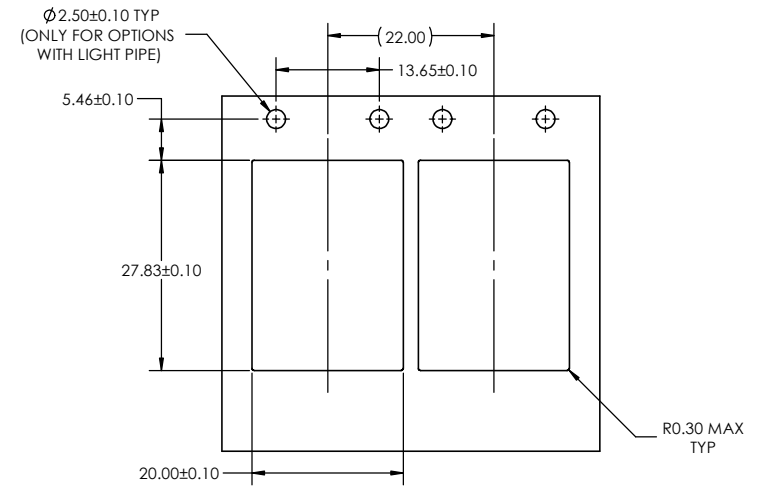
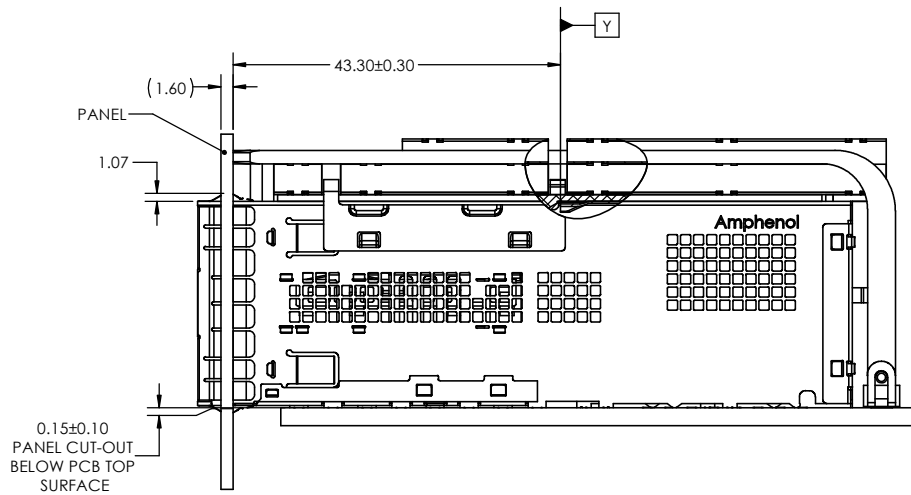
UNLESS SPECIFIED OTHERWISE		DRAWN	Silen.P	2-MAR-23	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com	
PRIMARY UNITS	MILLIMETERS	CHECKED	Peter.Z			
SECONDARY	MILLIMETERS	M.E. APP'D	-		DD QSFP STACKED 2x1 LONG CAGE FOR ANCHOR PIN SMT CONNECTOR BELLY TO BELLY APPLICATION WITH HSK AND LP OPTIONS	
REFERENCE IN PARENTHESES		Q.A. APP'D	-			
GENERAL TOLERANCES		DWG. APP'D	Chigow.X		DWG. NO. P-V36-BAZ17-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 8 OF 10	
ANGULAR DEGREES	±0.5°	THIRD ANGLE PROJECTION				
		DO NOT SCALE DRAWING			REV J	



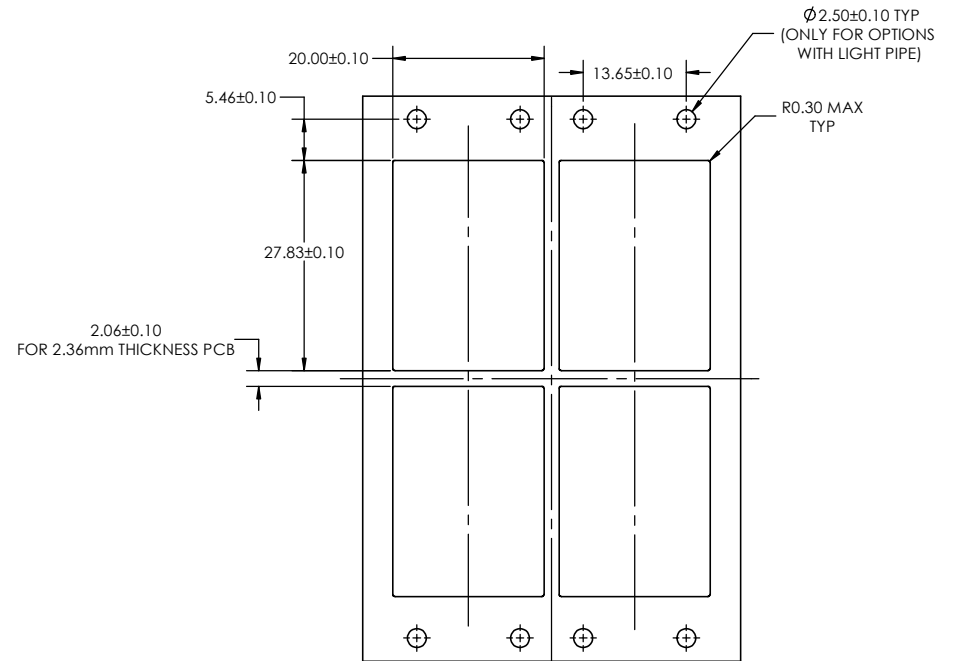
**RECOMMENDED BELLY TO BELLY MOUNTING PCB BOARD LAYOUT
COMPONENT SIDE SHOWN**

UNLESS SPECIFIED OTHERWISE		DRAWN	Silen.P	2-MAR-23
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			
DD QSFP STACKED 2x1 LONG CAGE FOR ANCHOR PIN SMT CONNECTOR BELLY TO BELLY APPLICATION WITH HSK AND LP OPTIONS			
DWG. NO.	P-V36-BAZ17-XXXXXXX		REV J
CODE ID NO.	03554	DWG SIZE: C	SCALE: 2:1 SHEET 9 OF 10



RECOMMENDED PANEL FOR SINGLE SIDE MOUNTING



RECOMMENDED PANEL FOR BELLY TO BELLY MOUNTING

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UNLESS SPECIFIED OTHERWISE		DRAWN	Silen.P	2-MAR-23	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com DD QSPF STACKED 2x1 LONG CAGE FOR ANCHOR PIN 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. P-V36-BAZ17-XXXXXXX	REV J
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			CODE ID NO.	03554
					DWG. SIZE:	C
					SCALE:	1:1
					SHEET	10 OF 10