

AMPHENOL PART NUMBER CONFIGURATION

UE36 - E 1 6 2 X X - X X XX X

UE36 - DD QSFP

STYLE(ASSEMBLY)

E - STACKED 2xN CONNECTOR/CAGE COMBO

NUMBER OF PORTS PER ROW

1 -NX1 PORTS

EMI TYPE

6 - SPRING FINGER

TERMINATION

2 - ALL PRESS FIT

OPTIONS

0 - STANDARD

VENTING

0 - STANDARD

PACKAGING

1 - TRAY PACKAGE

HEAT SINK

00 - NO HEATSINK/NOHOLE

01- NO HEATSINK WITH QSFP PAD OPENING

03- NO HEATSINK WITH QSFP-DD OPENING

BA- FIN STYLE- FRONT TO BACK, STANDARD FIN SIZE and QTY, QSFP-DD PAD, NICKEL
(H=4.2mm, W=19mm, L=81mm), (2 Bar or Dual 2 Bar Clip)

BB- FIN STYLE- FRONT TO BACK, STANDARD FIN SIZE and QTY, QSFP-DD PAD, NICKEL
(H=6.5mm, W=19mm, L=81mm), (2 Bar or Dual 2 Bar Clip)

BC- FIN STYLE- FRONT TO BACK, STANDARD FIN SIZE and QTY, QSFP-DD PAD, NICKEL
(H=13.5mm, W=19mm, L=81mm), (2 Bar or Dual 2 Bar Clip)

BE- FIN STYLE- FRONT TO BACK, STANDARD FIN SIZE and QTY, QSFP-DD PAD, NICKEL
(H=9.0mm, W=19mm, L=80mm), (2 Bar or Dual 2 Bar Clip)

C3- FIN STYLE- LEFT TO RIGHT, STANDARD FIN SIZE and QTY, QSFP-DD PAD, NICKEL
(H=3.6mm, W=19mm, L=81mm), (2 Bar or Dual 2 Bar Clip)

CA- FIN STYLE- LEFT TO RIGHT, STANDARD FIN SIZE and QTY, QSFP-DD PAD, NICKEL
(H=4.2mm, W=19mm, L=81mm), (2 Bar or Dual 2 Bar Clip)

CB- FIN STYLE- LEFT TO RIGHT, STANDARD FIN SIZE and QTY, QSFP-DD PAD, NICKEL
(H=6.5mm, W=19mm, L=81mm), (2 Bar or Dual 2 Bar Clip)

CC- FIN STYLE- LEFT TO RIGHT, STANDARD FIN SIZE and QTY, QSFP-DD PAD, NICKEL
(H=13.5mm, W=19mm, L=81mm), (2 Bar or Dual 2 Bar Clip)

14- FIN STYLE- FRONT TO BACK, STANDARD FIN SIZE and QTY, QSFP-DD PAD, BLACK HARD COAT ANODIZE
(H=9.0mm, W=19mm, L=80mm), (2 Bar or Dual 2 Bar Clip)

25- (BASE ON "BA" OPTION TOP & INNER HEAT SINK WITH MICRO-TIM COATING)

15- FIN STYLE- FRONT TO BACK, STANDARD FIN SIZE and QTY, QSFP-DD PAD, NICKEL
(H=7.77mm, W=19mm, L=81mm), (2 Bar or Dual 2 Bar Clip)

CAGE PLATING

2 - NICKEL

PLATING FOR MATING CONTACT - PRESS FIT

LETTER	PLATING FOR MATING CONTACT - INTERFACE	PLATING FOR MATING CONTACT - TERMINATION
3	0.76µm MIN. HARD GOLD	0.5-1.5µm DIP PLATING MATTE TIN
4	0.76µm MIN. HARD GOLD	0.5-1.5µm SPOT PLATING MATTE TIN

NOTES:

- 1) MATERIAL:
CAGE-PRESS FIT: COPPER ALLOY
EMI FINGERS: COPPER ALLOY
CAGE PLATING: 1 µm MIN NICKEL
HOUSING: SOLDER REFLOW PROCESS COMPATIBLE LCP, UL 94 V-0
CONTACTS: COPPER ALLOY
HEAT SINK: ALUMINUM, PLATING NICKEL OR ANODIZED

2) ROHS COMPLIANT

3) TRAY PACKAGE

4) COMPLIES WITH QSFP-DD MSA.

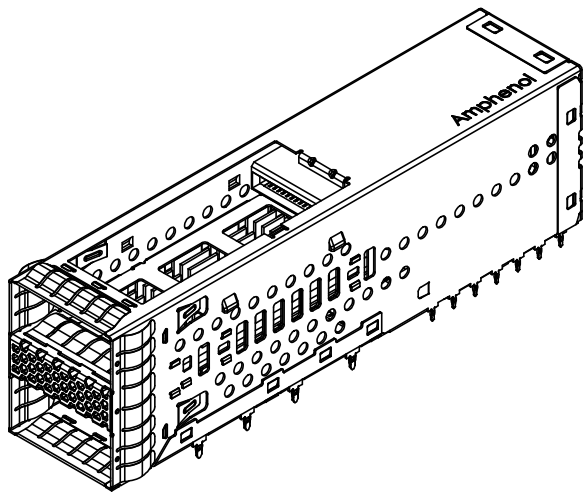


UNLESS SPECIFIED OTHERWISE		DRAWN	JEREMY.S	MAR. 31, 17
PRIMARY UNITS	MILLIMETERS	CHECKED	Michael.Sc	NOV. 14, 17
SECONDARY	MILLIMETERS	M.E. APP'D	-	NOV. 14, 17
REFERENCE IN PARENTHESES		Q.A. APP'D	-	NOV. 14, 17
GENERAL TOLERANCES		DWG. APP'D	Michael.Sc	NOV. 14, 17
1 DECIMAL PLACE	±0.25	ENG. REL. NO.		
2 DECIMAL PLACES	±0.15	REF.		
ANGULAR DEGREES	±0.5°	THIRD ANGLE PROJECTION		

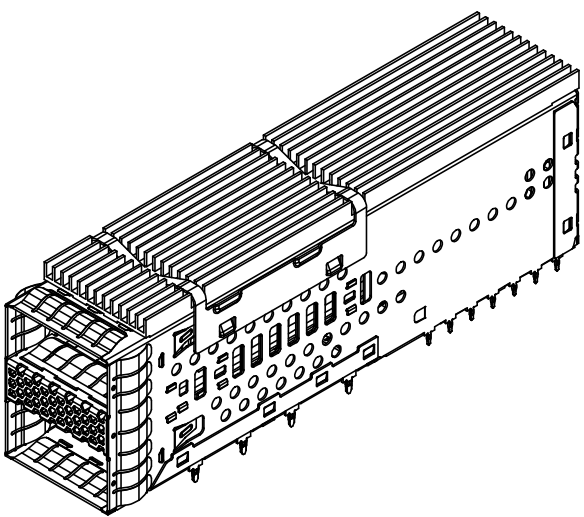
Amphenol High Speed Interconnects
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DD QSFP STACKED
2x1 CAGE&CONNECTOR COMBO

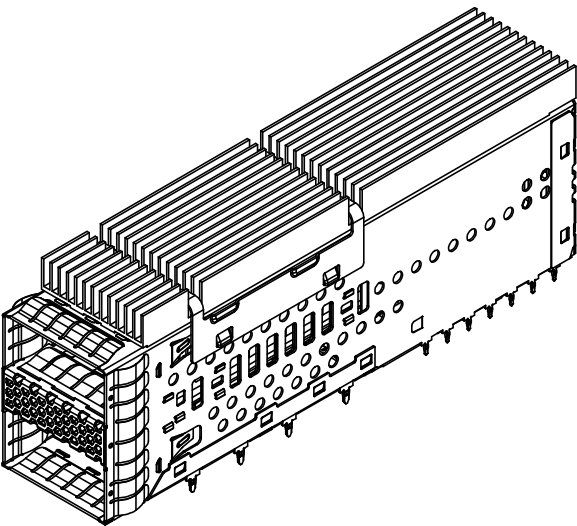
DWG. NO.	P-UE36-E162XX-XXXXX	REV	M
CODE ID NO.	03554	DWG SIZE:	C
SCALE:	2:1	SHEET	1 of 8



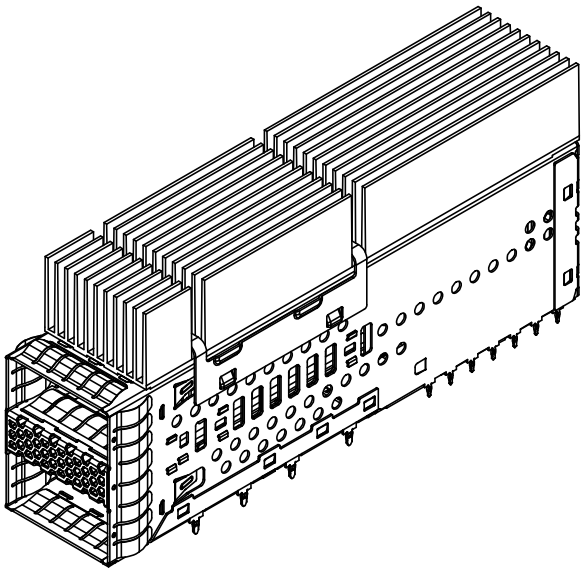
UE36-E16200-X2031 SHOWN



UE36-E16200-X2BA1 SHOWN



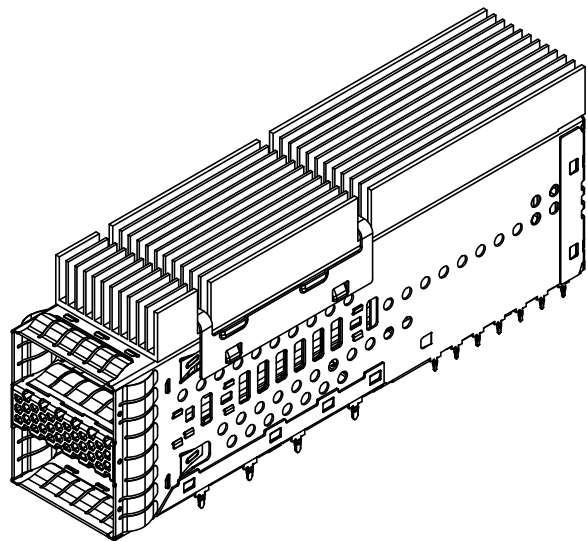
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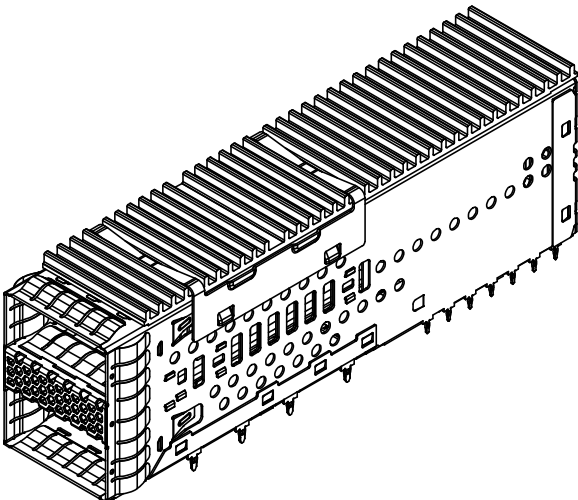
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2 DECIMAL PLACES	±0.15	REF.		
ANGULAR DEGREES	±0.5°	THIRD ANGLE PROJECTION		

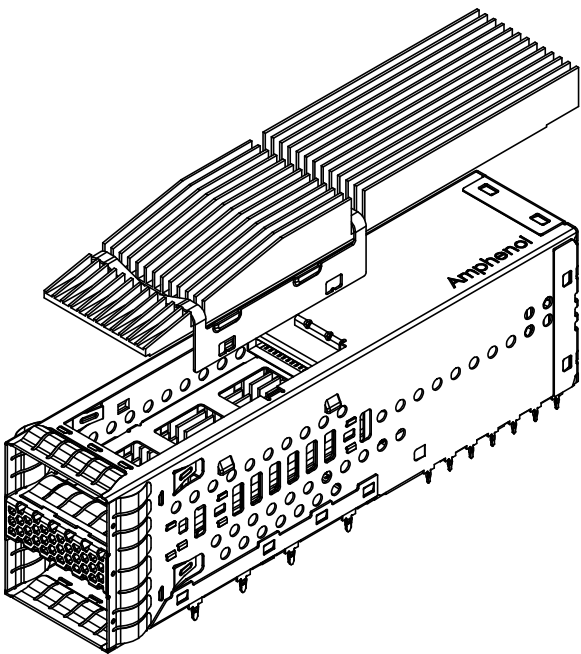
Amphenol High Speed Interconnects			
A Division of Amphenol Corp. www.amphenol-highspeed.com			
DD QSFP STACKED 2x1 CAGE&CONNECTOR COMBO			
DWG. NO. P-UE36-E162XX-XXXXX			REV M
CODE ID NO. 03554	DWG SIZE: C	SCALE: 2:1	SHEET 2 OF 8



UE36-E16200-X2BE1 (TOP HEATSINK WITH NICKEL PLATING) SHOWN
UE36-E16200-X2141 (TOP HEATSINK WITH BLACK ANODIZE) SHOWN



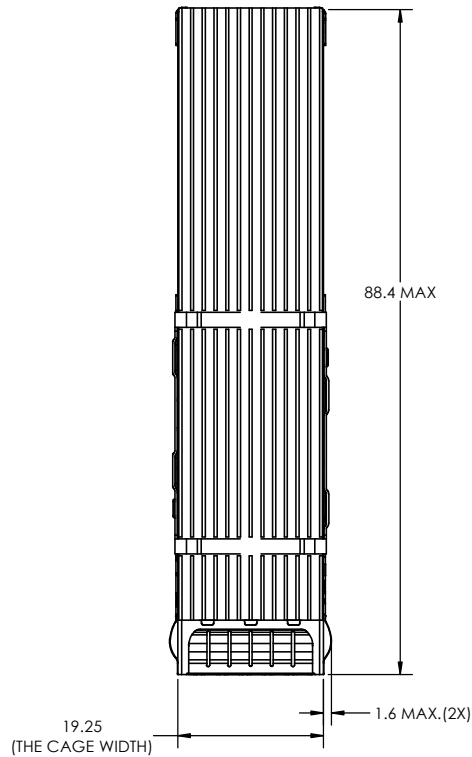
UE36-E16200-X2C31 SHOWN



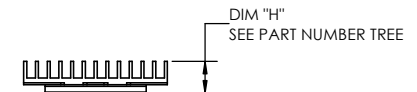
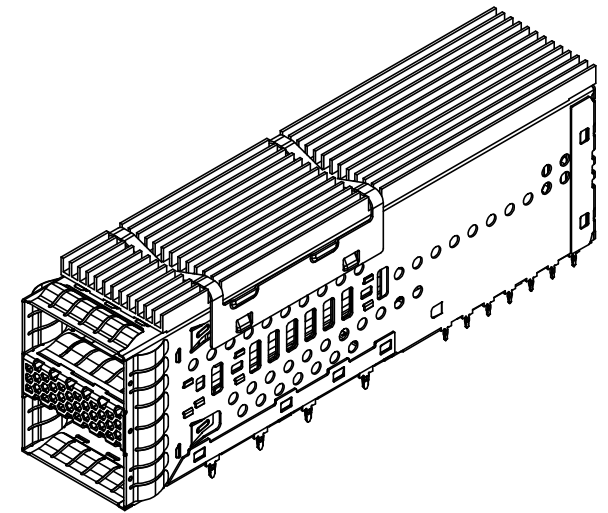
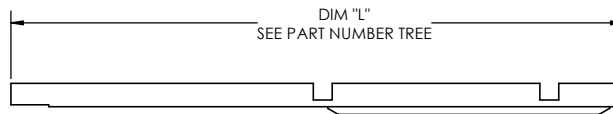
UE36-E16200-42151 SHOWN
TOP HEATSINK AND CLIP NOT ASSEMBLED WITH CAGE.
WILL PACKED SEPARATELY IN THE TRAY/COVER IN SAME CAGE BOX.

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2 DECIMAL PLACES	±0.15	REF.		
ANGULAR DEGREES	±0.5°	THIRD ANGLE PROJECTION		
		DO NOT SCALE DRAWING		

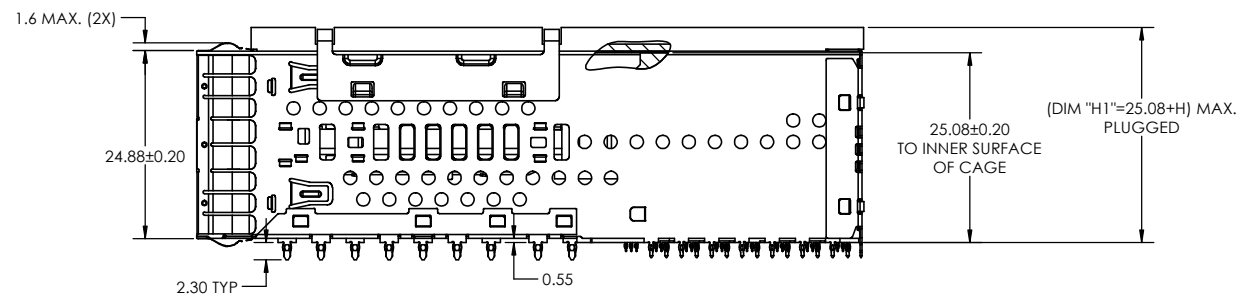
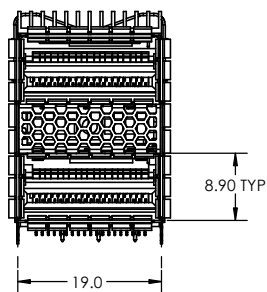
Amphenol High Speed Interconnects			
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DD QSFP STACKED 2x1 CAGE&CONNECTOR COMBO			
DWG. NO.	P-UE36-E162XX-XXXXX		REV M
CODE ID NO.	03554	DWG SIZE: C	SCALE: 2:1 SHEET 3 OF 8



UE36-E16200-XXBA1 SHOWN



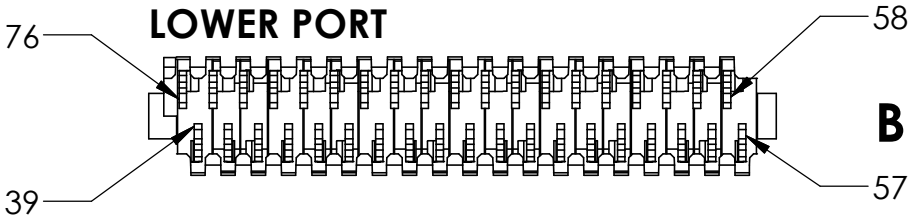
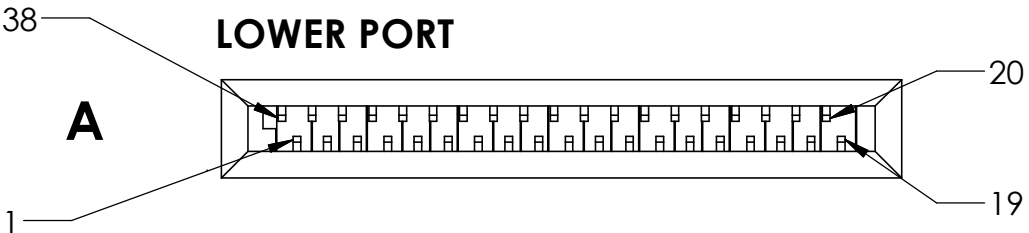
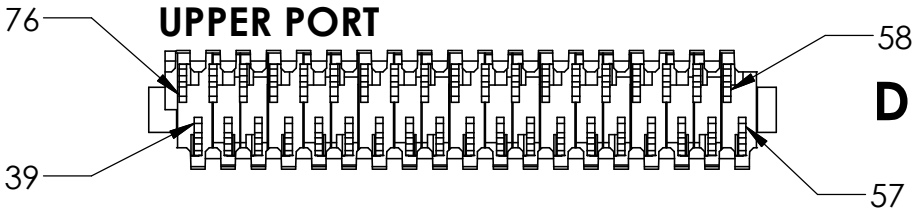
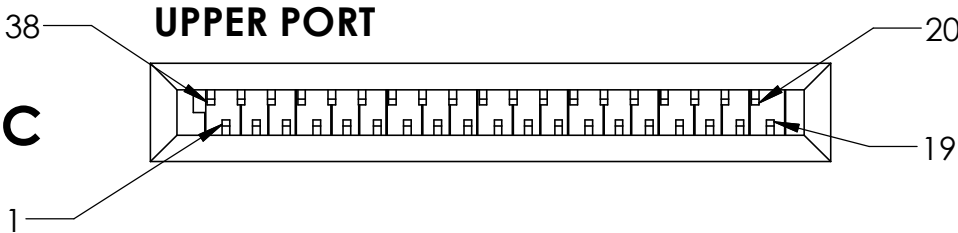
HEAT SINK VIEW



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2 DECIMAL PLACES	±0.15	REF.		
ANGULAR DEGREES	±0.5°	THIRD ANGLE PROJECTION		

Amphenol High Speed Interconnects			
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DD QSFP STACKED 2x1 CAGE&CONNECTOR COMBO			
DWG. NO.			REV
P-UE36-E162XX-XXXXX			M
CODE ID NO.	03554	DWG. SIZE:	C
SCALE:	2:1	SHEET	4 OF 8

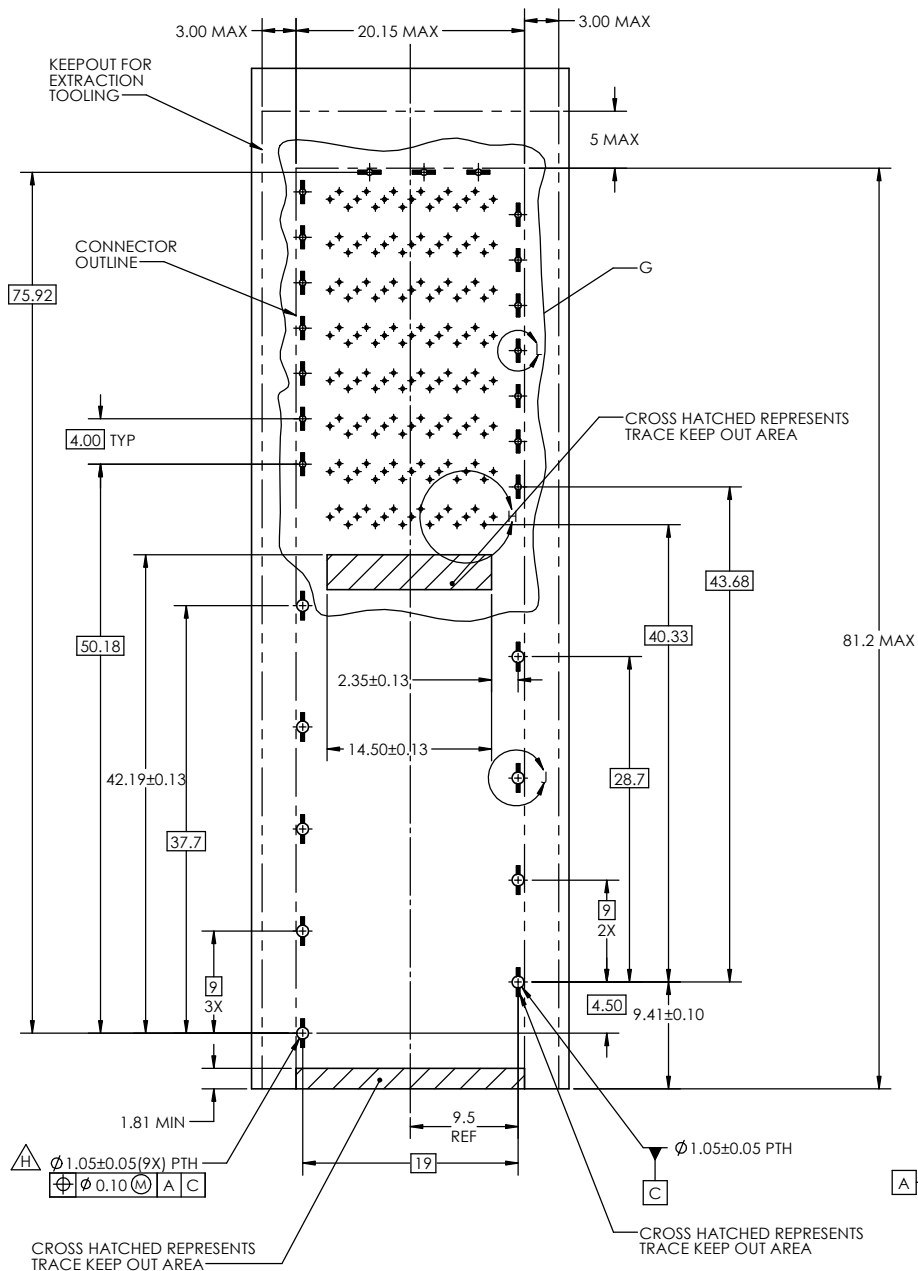
CONNECTOR PINS IN 2X1 STACKED CAGE
AS VIEWED FROM THE FRONT



FRONT CONTACTS

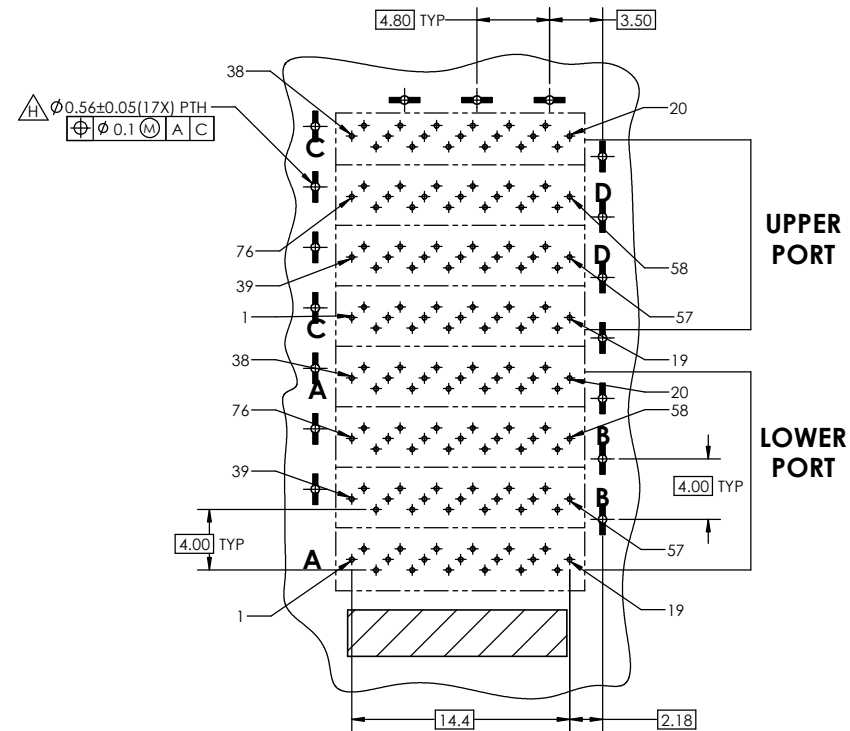
REAR CONTACTS

UNLESS SPECIFIED OTHERWISE		DRAWN	JEREMY.S	MAR. 31, 17	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com	
PRIMARY UNITS	MILLIMETERS	CHECKED	Michael.Sc	NOV. 14, 17		
SECONDARY	MILLIMETERS	M.E. APP'D	-	NOV. 14, 17	DD QSFP STACKED 2x1 CAGE&CONNECTOR COMBO	
REFERENCE IN PARENTHESES		Q.A. APP'D	-	NOV. 14, 17		
GENERAL TOLERANCES		DWG. APP'D	Michael.Sc	NOV. 14, 17	DWG. NO. P-UE36-E162XX-XXXXX	
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2 DECIMAL PLACES	±0.15	REF.			REV M	
ANGULAR DEGREES	±0.5°	THIRD ANGLE PROJECTION				
		DO NOT SCALE DRAWING			CODE ID NO.	03554
					DWG. SIZE:	C
					SCALE:	1:1
					SHEET	5 OF 8

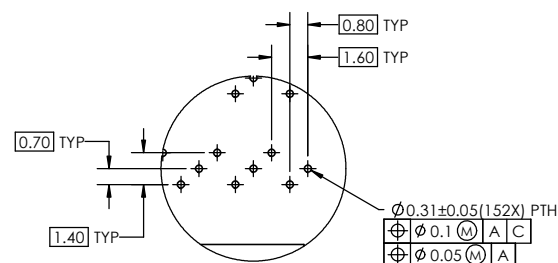


**RECOMMENDED SINGLE SIDE MOUNTING PCB BOARD LAYOUT
COMPONENT SIDE SHOWN**

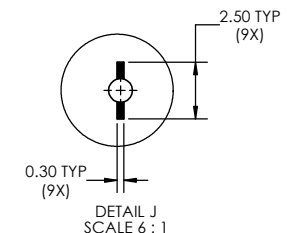
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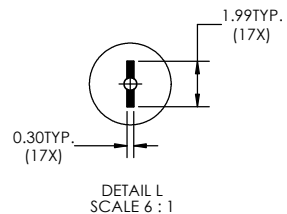
**DETAIL G
SCALE 4 : 1**



**DETAIL H
SCALE 6 : 1**



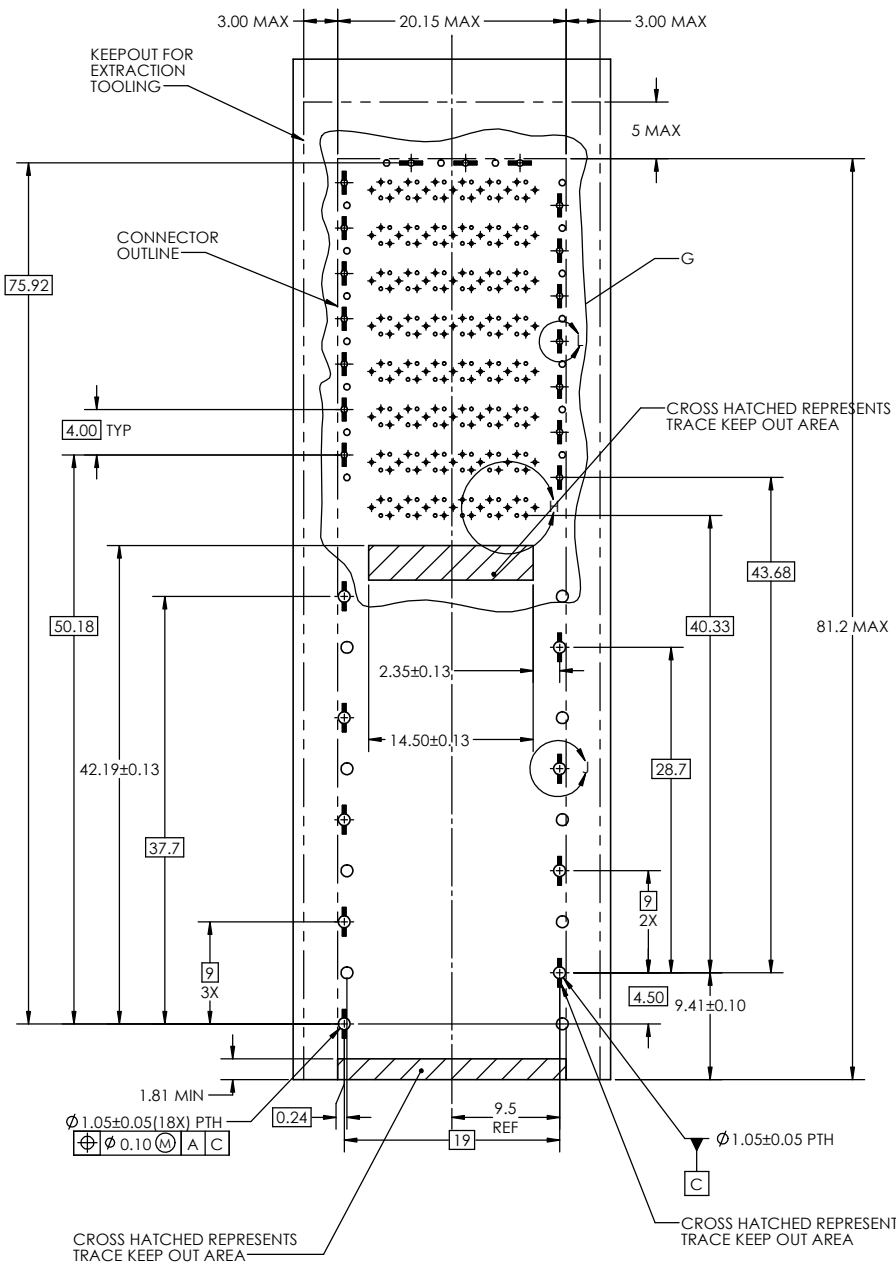
**DETAIL J
SCALE 6 : 1**



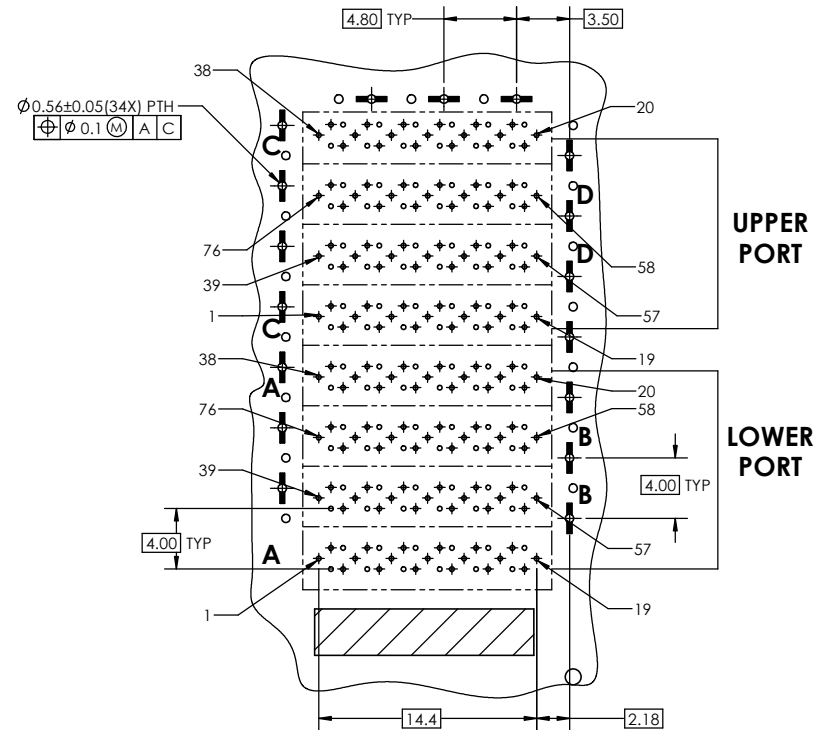
**DETAIL L
SCALE 6 : 1**

UNLESS SPECIFIED OTHERWISE		DRAWN	JEREMY.SMAR.31, 17
PRIMARY UNITS	MILLIMETERS	CHECKED	Michael.Sc NOV.14, 17
SECONDARY	MILLIMETERS	M.E. APP'D	- NOV.14, 17
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GENERAL TOLERANCES		DWG. APP'D	Michael.Sc NOV.14, 17
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ANGULAR DEGREES	±0.5°	THIRD ANGLE PROJECTION	

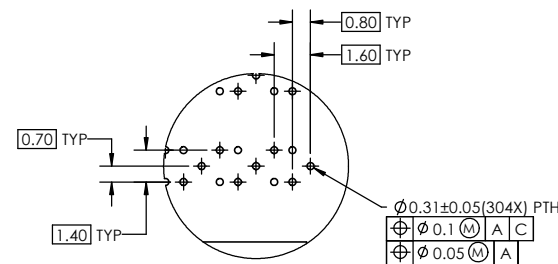
Amphenol High Speed Interconnects	
A Division of Amphenol Corp. www.amphenol-highspeed.com	
DD QSFP STACKED 2x1 CAGE&CONNECTOR COMBO	
DWG. NO.	REV
P-UE36-E162XX-XXXXX	M
CODE ID NO. 03554	DWG. SIZE: C SCALE: 2:1 SHEET 6 OF 8



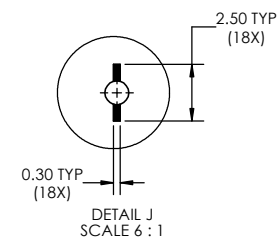
**RECOMMENDED BELLY TO BELLY MOUNTING PCB BOARD LAYOUT
COMPONENT SIDE SHOWN**



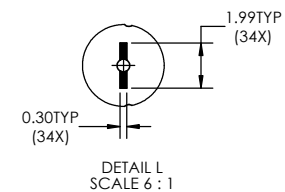
**DETAIL G
SCALE 4 : 1**



**DETAIL H
SCALE 6 : 1**



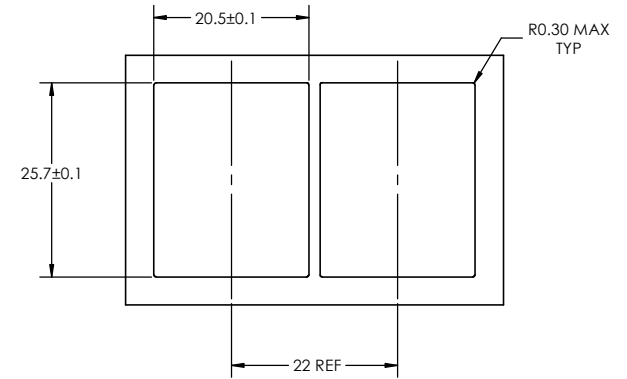
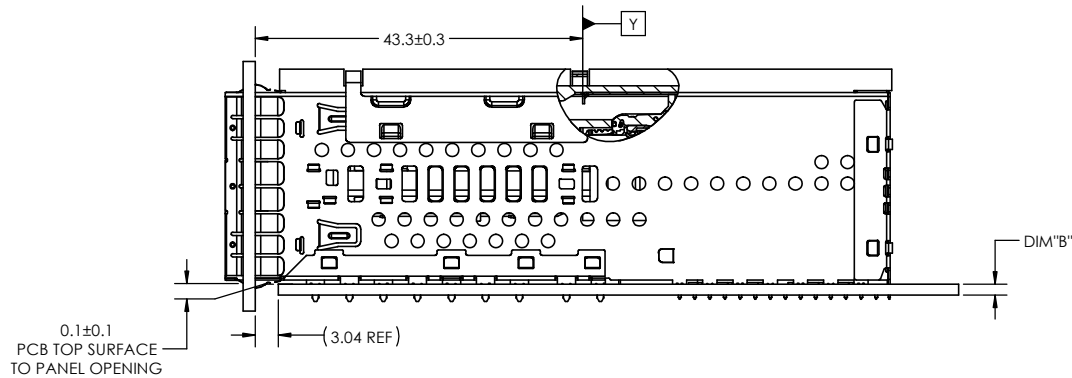
**DETAIL J
SCALE 6 : 1**



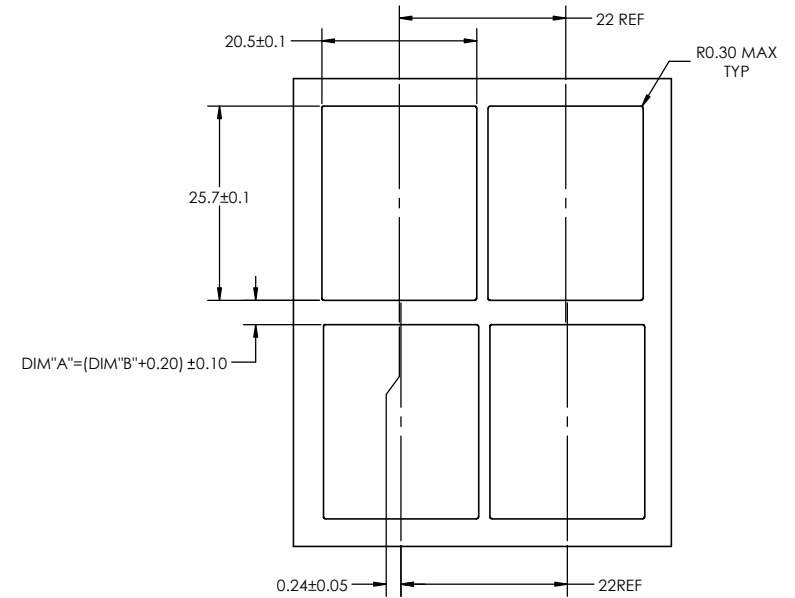
**DETAIL L
SCALE 6 : 1**

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SECONDARY	MILLIMETERS	M.E. APP'D
REFERENCE IN PARENTHESES	Q.A. APP'D	NOV.14.17
GENERAL TOLERANCES	DWG. APP'D	NOV.14.17
1 DECIMAL PLACE	±0.25	Michael.Sc
2 DECIMAL PLACES	±0.15	NOV.14.17
ANGULAR DEGREES	±0.5°	NOV.14.17
	THIRD ANGLE PROJECTION	
	DO NOT SCALE DRAWING	

Amphenol High Speed Interconnects	
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DD QSFP STACKED 2x1 CAGE&CONNECTOR COMBO	
DWG. NO.	REV
P-UE36-E162XX-XXXXX	M
CODE ID NO.	SHEET 7 OF 8



SINGLE SIDE APPLICATION PANEL OPENINGS
SCALE 2 : 1



BELLY TO BELLY APPLICATION PANEL OPENINGS
SCALE 2 : 1

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2 DECIMAL PLACES	±0.15	REF.		
ANGULAR DEGREES	±0.5°	THIRD ANGLE PROJECTION		

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CODE ID NO. 03554	DWG SIZE: C	SCALE: 1:1	SHEET 8 OF 8