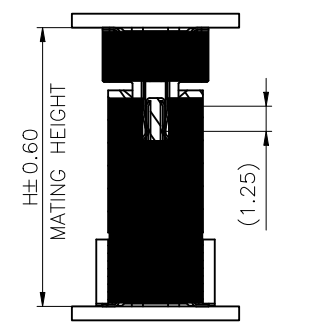
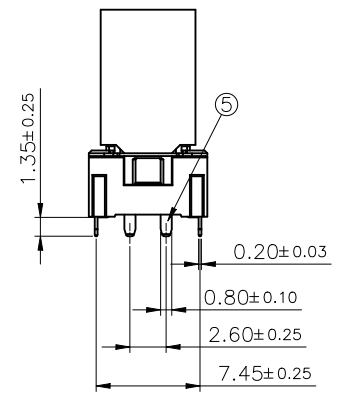
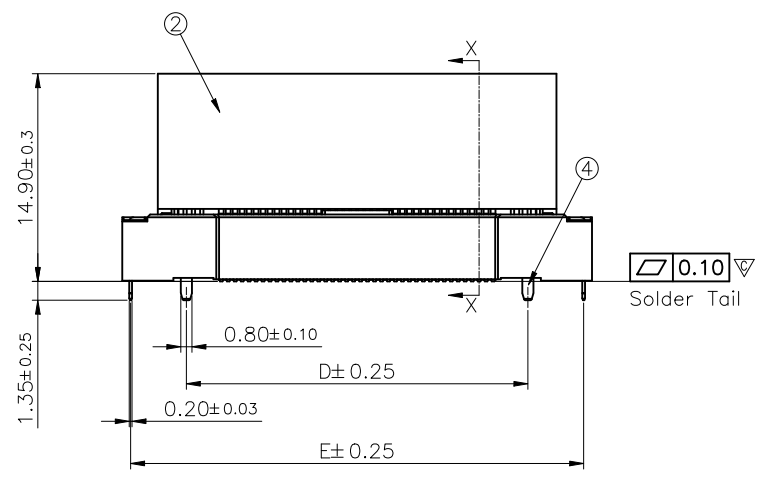
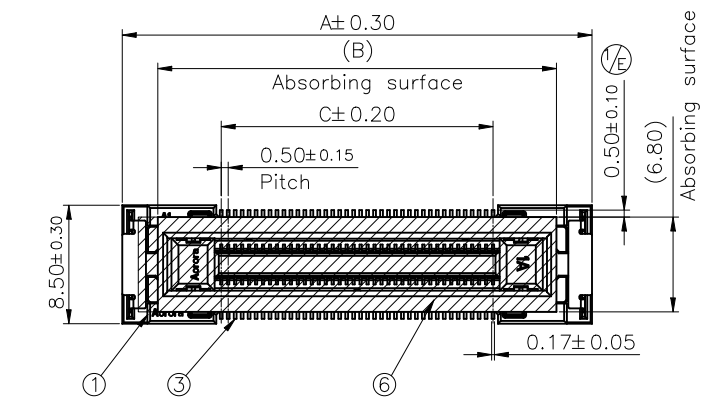


Halogen free



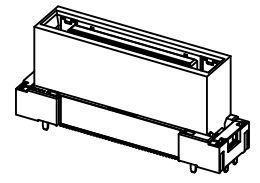
Mating Height List	H	
	18.00	25.00
20.00	26.00	
21.00	28.00	
22.00	30.00	
24.00		

DIMENSION LIST:

PIN No.	A	B	C	D	E
10	16.20	11.10	2.00	7.00	15.00
20	18.70	13.60	4.50	9.50	17.50
30	21.20	16.10	7.00	12.00	20.00
40	23.70	18.60	9.50	14.50	22.50
50	26.20	21.10	12.00	17.00	25.00
60	28.70	23.60	14.50	19.50	27.50
70	31.20	26.10	17.00	22.00	30.00
80	33.70	28.60	19.50	24.50	32.50
90	36.20	31.10	22.00	27.00	35.00
AO(100)	38.70	33.60	24.50	29.50	37.50
BO(120)	43.70	38.60	29.50	34.50	42.50
DO(140)	48.70	43.60	34.50	39.50	47.50

- NOTES:  
 1. BURRS OF CONTACT AREA ARE NOT ALLOWED AND INTERPOSITION AREA SHOULD BE 0.03MM MAX.  
 2. "▽" MARK IS CRITICAL CHARACTERISTIC DIMENSION.  
 3. ALL MATERIAL MUST BE COMPLIANT RoHS.  
 4. PART NO.: B04R-3J1B1-AA180-1110

PIN No.:80PIN



REV.	ECR/ECN No.	DESCRIPTION	DRAWN/DATE	CHECKED/DATE	APPROVED/DATE
C	/	Add PIN No. of 30PIN	SH Chen 2023-03-31	Elven 2023-03-31	Rain 2023-03-31
D	/	Add Mating Height 21.0	SH Chen 2023-05-17	Elven 2023-05-17	Rain 2023-05-17
E	/	Add dimension for tail length	SH Chen 2023-12-25	Elven 2023-12-25	Rain 2023-12-25

NO.	COMPONENTS	MATERIALS	SPECIFICATION:FINISH/COLOR	QTY.
1	OUTER HOUSING	GLASS FILLED LCP UL94V-0	BLACK	1
2	INNER HOUSING	GLASS FILLED LCP UL94V-0	BLACK	1
3	SIGNAL CONTACT	COPPER ALLOY T=0.15mm	ALL OVER Ni UNDER PLATING:40u''~120u'' CONTACT AREA: Au 4u'' MIN. SOLDER AREA: Au 2u''Min.	N
4	POWER CONTACT	COPPER ALLOY T=0.20mm	ALL OVER Ni UNDER PLATING:40u''~120u'' CONTACT AREA: Au 4u'' MIN. SOLDER AREA: Au 2u''Min.	4
5	FIXING TAB	SUS304 T=0.20mm	ALL OVER Ni UNDER PLATING:40u''~120u'' SOLDER AREA: Au 2u''Min.	2
6	MYLAR	THERMOSTABLE T=0.10mm	YELLOW	1

UNLESS OTHERWISE SPECIFIED TOLERANCES		ANGLE OF PROJECTION	
X.	±0.30	X.	± 5'
X.X	±0.25	X.X	± 4'
X.XX	±0.20	X.XX	± 3'
X.XXX	±0.15	X.XXX	± 2'
LINEAR DIMS		ANGLES DIMS	
DWG NO.:	A-S0741	DOC TYP	Customer Drw
MATERIAL	SEE NOTES	DRAWN DATE	SH Chen 2023-12-25
FINISHED	SEE NOTES	DESIGN DATE	SH Chen 2023-12-25
		CHECKED DATE	Elven 2023-12-25
		APPROVED DATE	Rain 2023-12-25

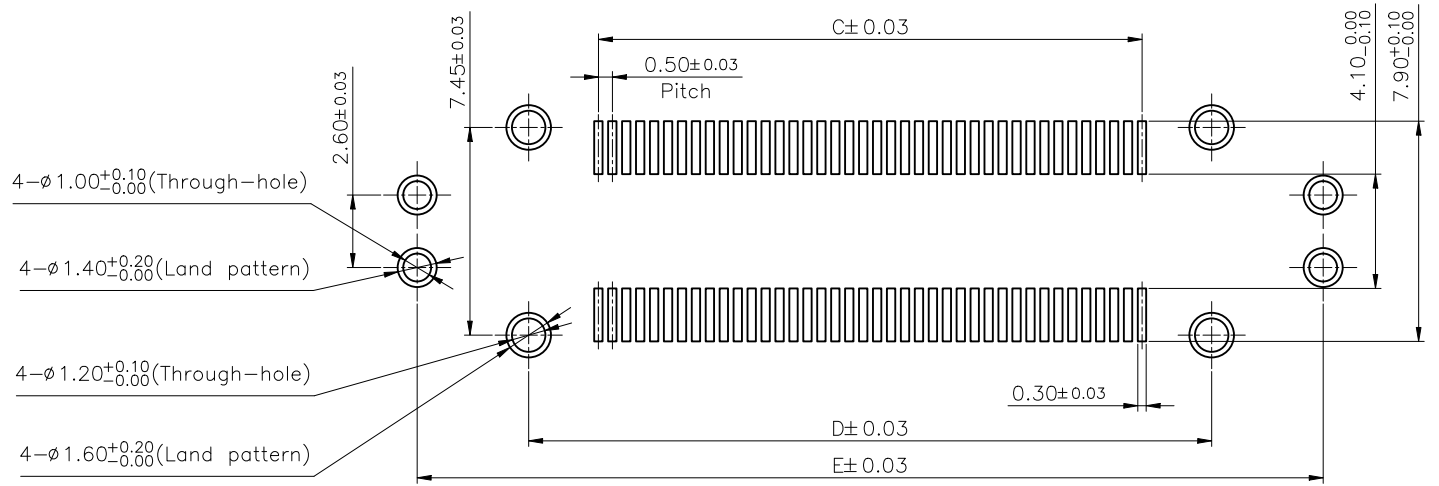
**Amphenol AORORA**  
 Amphenol Aorora Technology (Huizhou) Co.,Ltd

TITLE: 0.5mm Pitch Floating BTB Rece Conn.

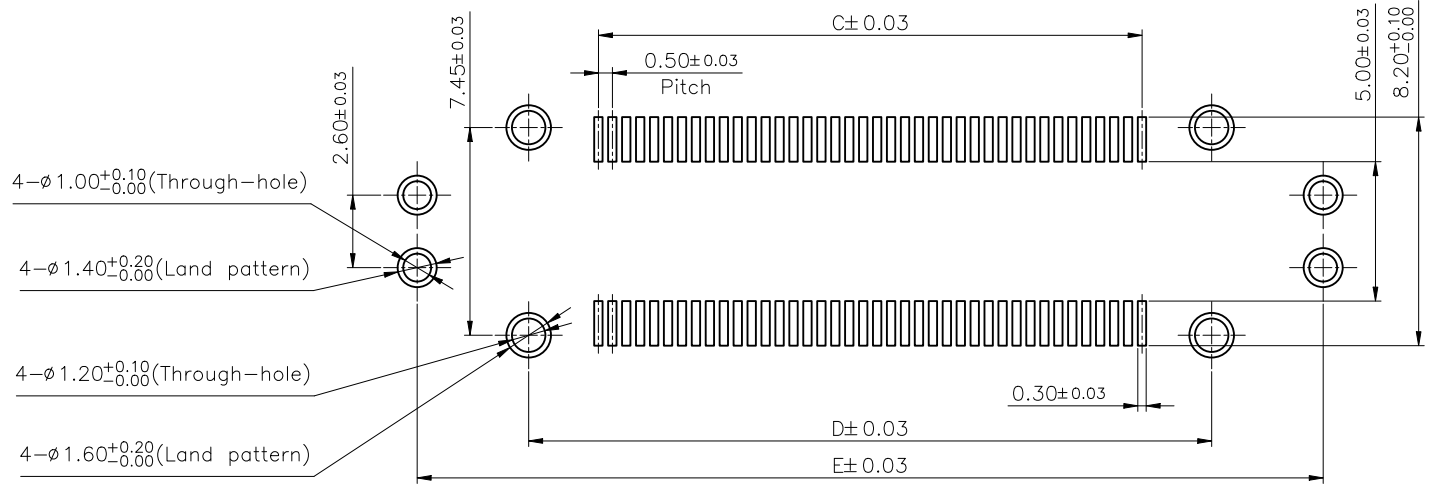
SIZE: A4 PART NUMBER: B04R-3J1B1-AA1\*\*-1110 REV. E

SCALE: 2:1 UNIT: mm SHEET 1 OF 3

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RECOMMENDED PCB SIZE  
FOR COMMON DIFFERENTIAL PAIR 100ohm



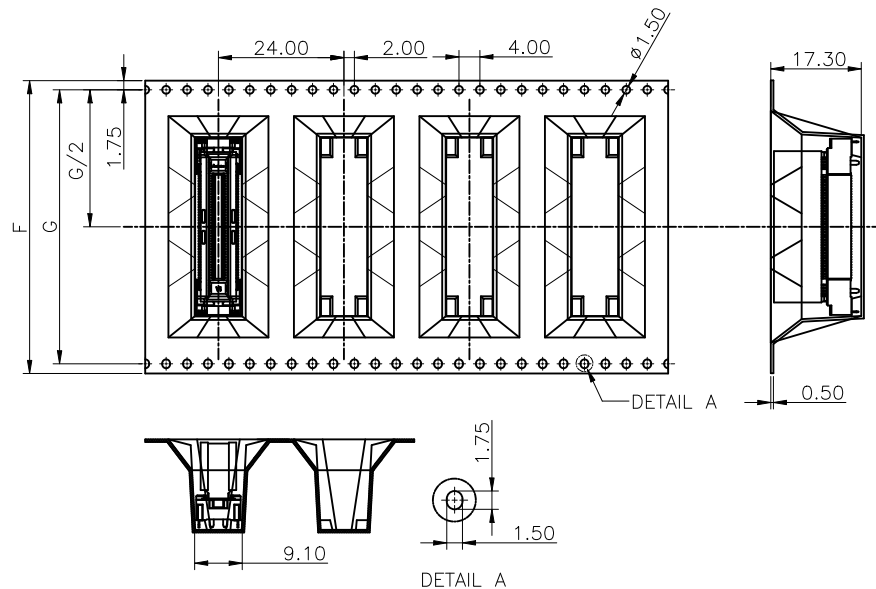
RECOMMENDED PCB SIZE  
FOR PCIe Gen4.0 85ohm

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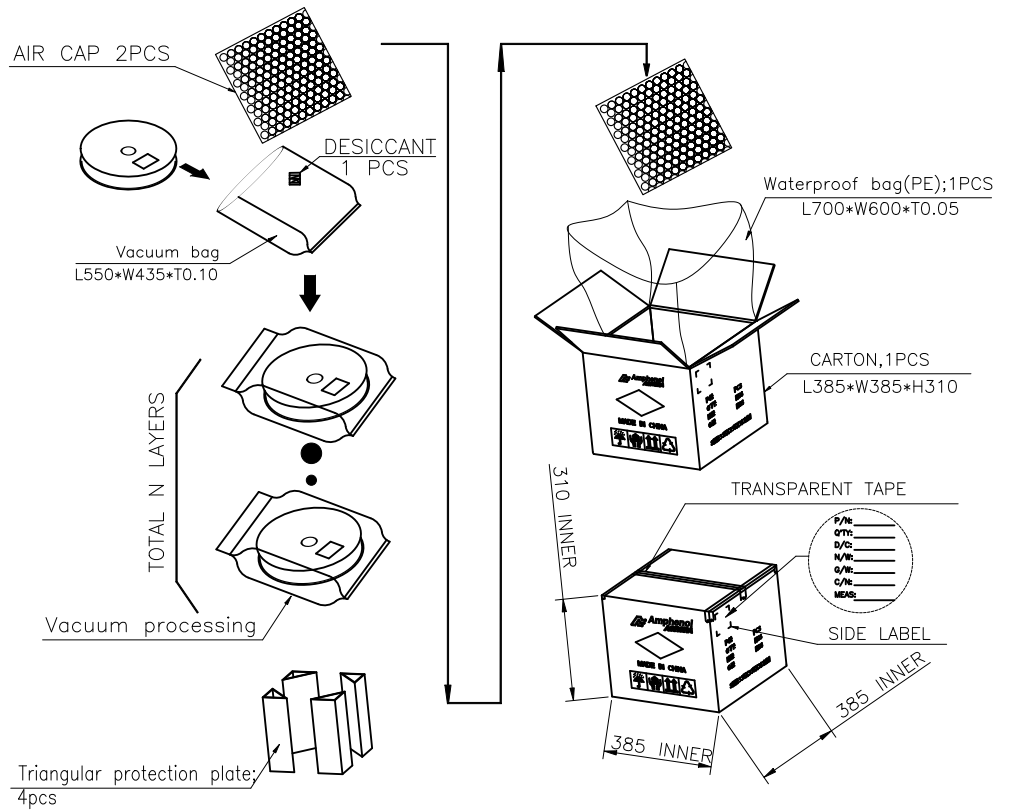
UNLESS OTHERWISE SPECIFIED TOLERANCES			ANGLE OF PROJECTION		 Amphenol Aorora Technology (Huizhou) Co.,Ltd			
X.	±0.30	X. '	± 5'					
X.X	±0.25	X.X '	± 4'	DOC		TITLE:		
X.XX	±0.20	X.XX '	± 3'	Customer Drw				
X.XXX	±0.15	X.XXX '	± 2'	DRAWN	SH Chen	0.5mm Pitch Floating BTB Rece Conn.		
LINEAR DIMS	ANGLES DIMS		DATE	2023-12-25				
DWG NO.:	A-S0741			DESIGN	SH Chen	SIZE	PART NUMBER:	REV.
MATERIAL	SEE NOTES			DATE	2023-12-25	A4	B04R-3J1B1-AA1**-1110	E
FINISHED	SEE NOTES			CHECKED	Elven	SCALE	4:1	UNIT : mm
				DATE	2023-12-25	SHEET	2	OF 3

PULL OUT DIRECTION



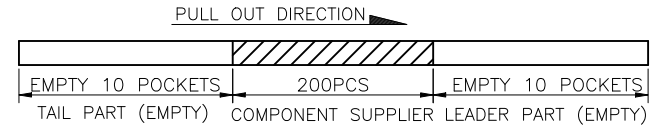
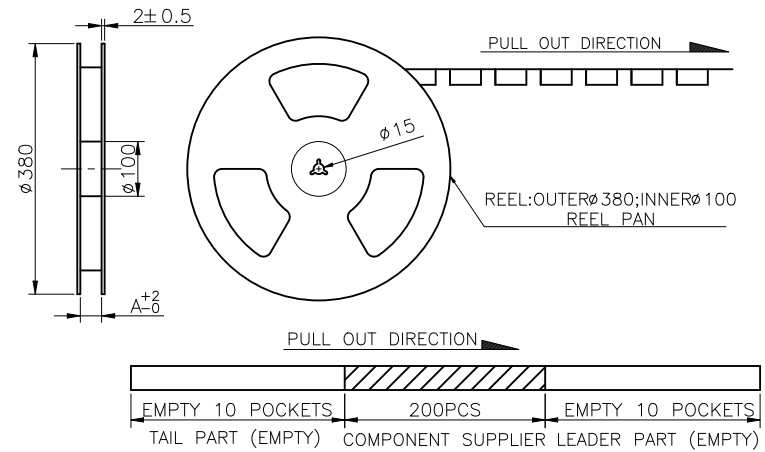
5. QTY LIST:

DIM \ NO.	10~50pin	60~90pin	100~140pin
F	44.00	56.00	72.00
G	40.40	52.40	68.40
N	6	5	4
TOTAL(PCS)	1200	1000	800



B

Amphenol AORORA



NOTES:

- MATERIAL:
  - CARRY TAPE:HIPS,T=0.50mm,CLEAR
  - REEL:HIPS,BLUE.
  - SHIM:PE,CLEAR.
- PRIMARY PACKING:200PCS/REEL.
- SECONDARY PACKING:"N" REELS/CARTON ("TOTAL"=N\*200/CARTON).
- PEELING RESISTANCE: 0.4N~1.4N(40~140gf);  
PEELING ANGLE: 165°~180°;  
PEELING SPEED: 300mm/minutes.

UNLESS OTHERWISE SPECIFIED TOLERANCES		ANGLE OF PROJECTION		Amphenol AORORA	
X.	±0.30	X. '	± 5'	Amphenol Aorora Technology (Huizhou) Co.,Ltd	
X.X	±0.25	X.X '	± 4'	TITLE: 0.5mm Pitch Floating BTB Rece Conn.	
X.XX	±0.20	X.XX '	± 3'	Customer Drw	SIZE PART NUMBER: B04R-3J1B1-AA1**-1110
X.XXX	±0.15	X.XXX '	± 2'	Customer Drw	REV. E
LINEAR DIMS		ANGLES DIMS		SCALE 1:1	UNIT : mm
DWG NO.:	A-S0741	APPROVED DATE	Rain 2023-12-25	SHEET 3 OF 3	
MATERIAL	SEE NOTES	CHECKED DATE	Elven 2023-12-25		
FINISHED	SEE NOTES	DESIGN DATE	SH Chen 2023-12-25		
		DATE	SH Chen 2023-12-25		

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