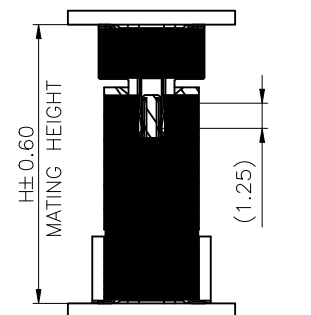
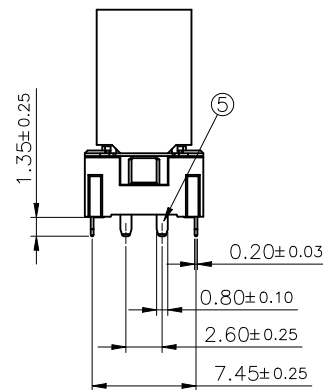
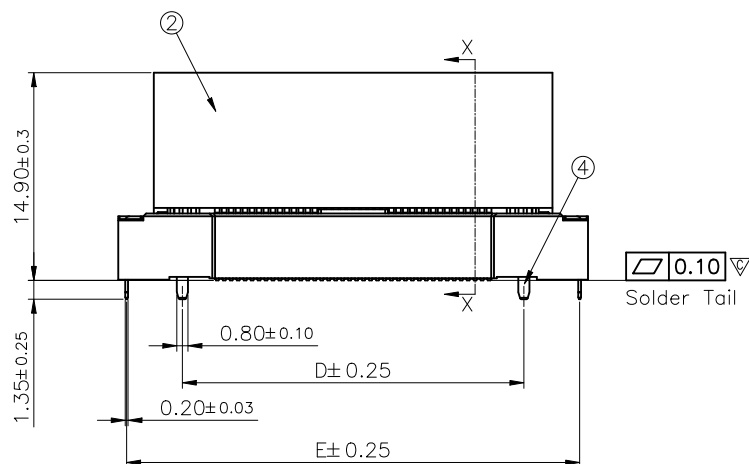
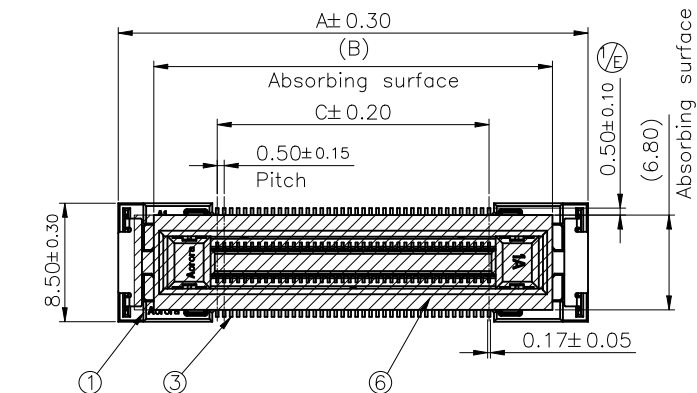
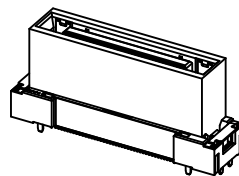


Halogen free



SECTION X-X
FLOATING RANGE TOWARD
X DIRECTION: ±0.80
Y DIRECTION: ±0.80
Z DIRECTION: ±0.60
ASSEMBLY DRAWING



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

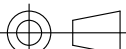
PIN No.: 80PIN

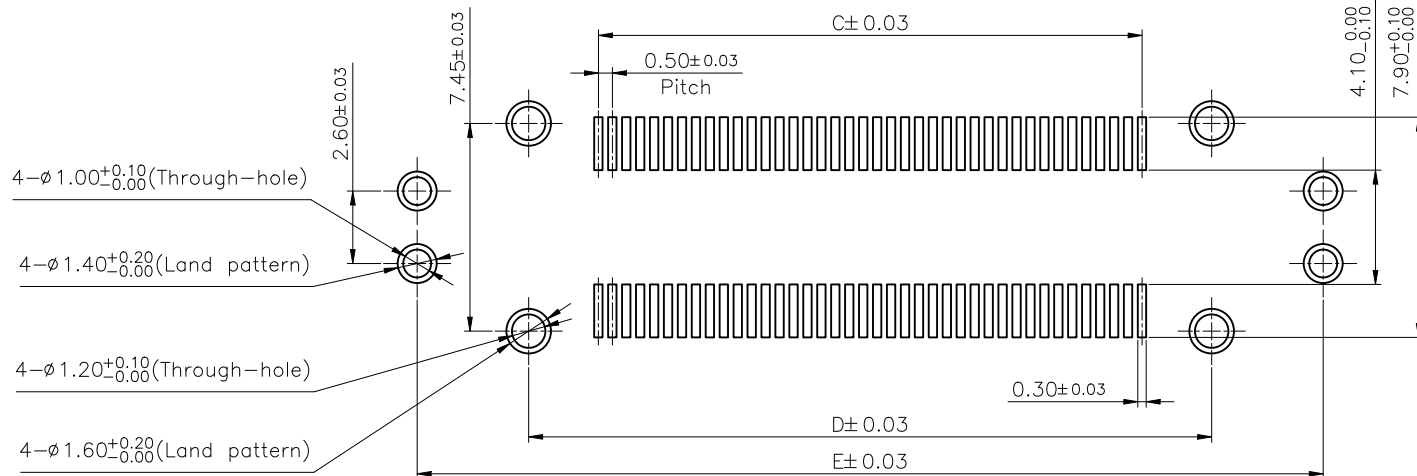
REV.	ECR/ECN No.	DESCRIPTION	DRAWN/DATE	CHECKED/DATE	APPROVED/DATE
C	/	Add PIN No. of 30PIN	SH Chen 2023-03-31	Elven 2023-03-31	Rain 2023-03-31
D	/	Add Mating Height 21.0	SH Chen 2023-05-17	Elven 2023-05-17	Rain 2023-05-17
E	/	Add dimension for tail length	SH Chen 2023-12-25	Elven 2023-12-25	Rain 2023-12-25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

H	
18.00	25.00
20.00	26.00
21.00	28.00
22.00	30.00
24.00	

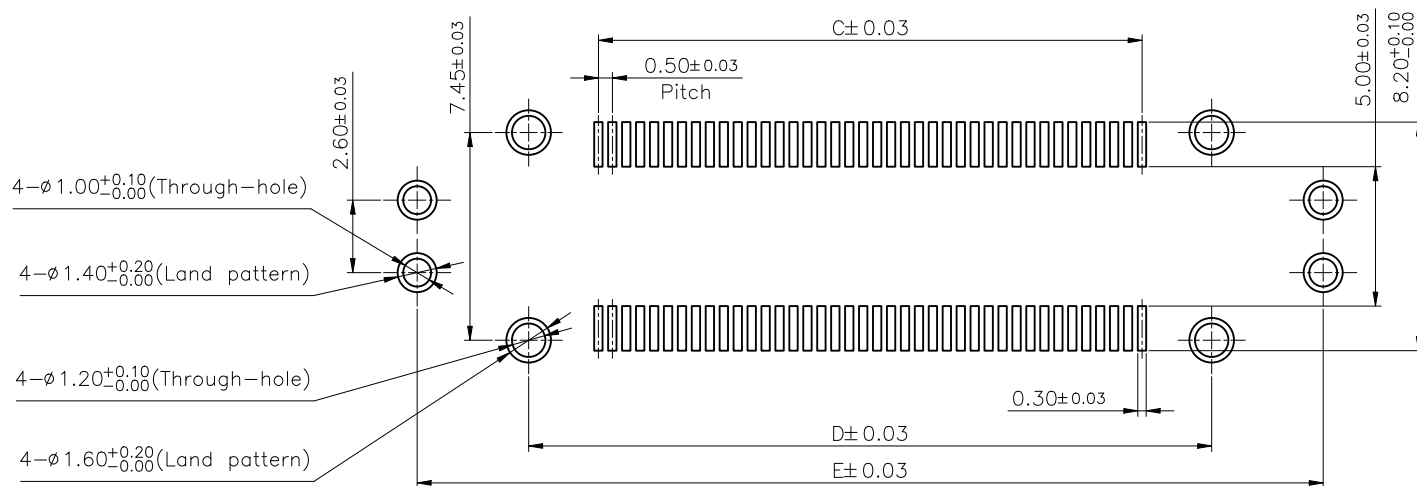
DIMENSION LIST:

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

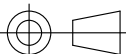
UNLESS OTHERWISE SPECIFIED TOLERANCES				ANGLE OF PROJECTION 		 Amphenol Aorora Technology (Huizhou) Co.,Ltd					
X.	±0.30	X. °	± 5'			TITLE: 0.5mm Pitch Floating BTB Rece Conn.					
X.X	±0.25	X.X °	± 4'								
X.XX	±0.20	X.XX °	± 3'								
X.XXX	±0.15	X.XXX °	± 2'								
LINEAR DIMS		ANGLES DIMS									
DWG NO.: A-S0741				DOC TYP Customer Drw		SIZE PART NUMBER: B04R-3J1B1-AA1*-1110 REV. E					
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							
SCALE						2:1		UNIT : mm		SHEET 1 OF 3	



RECOMMENDED PCB SIZE
FOR COMMON DIFFERENTIAL PAIR 100ohm

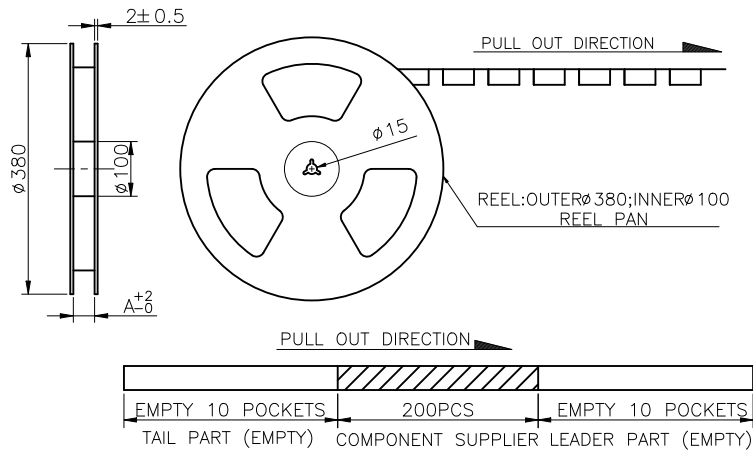
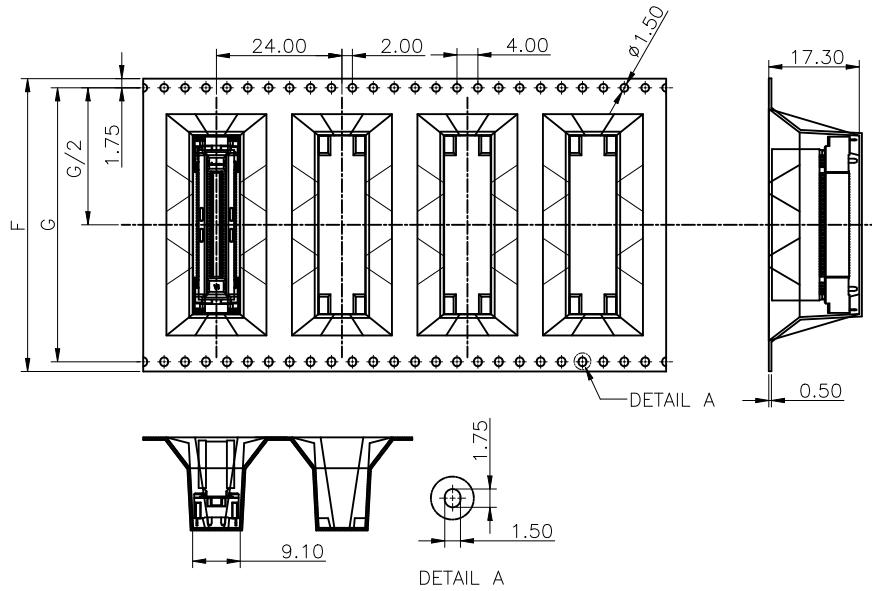


RECOMMENDED PCB SIZE
FOR PCIe Gen4.0 85ohm

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'							
X.XX	±0.20	X.XX °	± 3'							
X.XXX	±0.15	X.XXX °	± 2'							
LINEAR DIMS		ANGLES DIMS		DOC TYP Customer Drw		TITLE:				
DWG NO.: A-S0741				DRAWN	DATE	SH Chen 2023-12-25	0.5mm Pitch Floating BTB Rece Conn.			
MATERIAL SEE NOTES				DESIGN	DATE	SH Chen 2023-12-25	SIZE	PART NUMBER:	REV.	
FINISHED SEE NOTES				CHECKED	DATE	Elven 2023-12-25	A4	B04R-3J1B1-AA1**-1110	E	
				APPROVED	DATE	Rain 2023-12-25	SCALE	4:1	UNIT : mm	
								SHEET 2	OF 3	

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PULL OUT DIRECTION

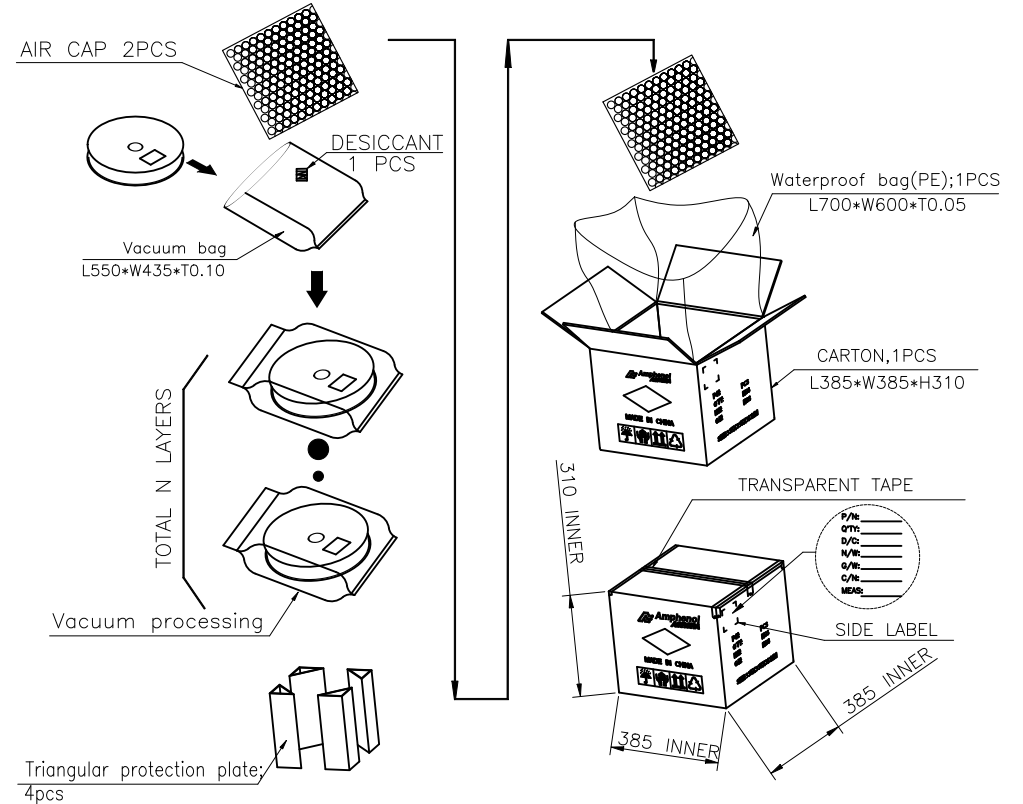


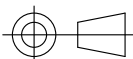
NOTES:

- 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.

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



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'								
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		TITLE: 0.5mm Pitch Floating BTB Rece Conn.					
MATERIAL		SEE NOTES		DRAWN DATE SH Chen 2023-12-25		SIZE		PART NUMBER: B04R-3J1B1-AA1**-1110		REV. E	
FINISHED		SEE NOTES		DESIGN DATE SH Chen 2023-12-25		A4					
				CHECKED DATE Elven 2023-12-25							
				APPROVED DATE Rain 2023-12-25		SCALE		1:1		UNIT : mm SHEET 3 OF 3	