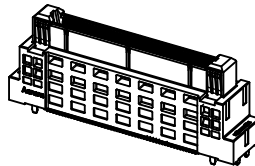
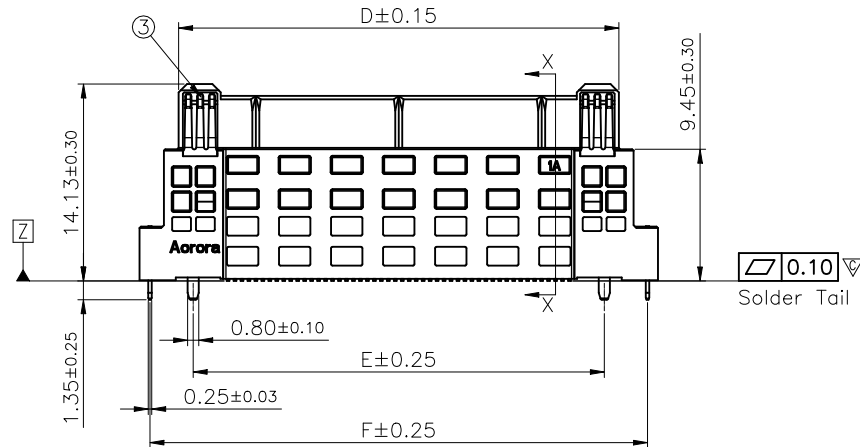
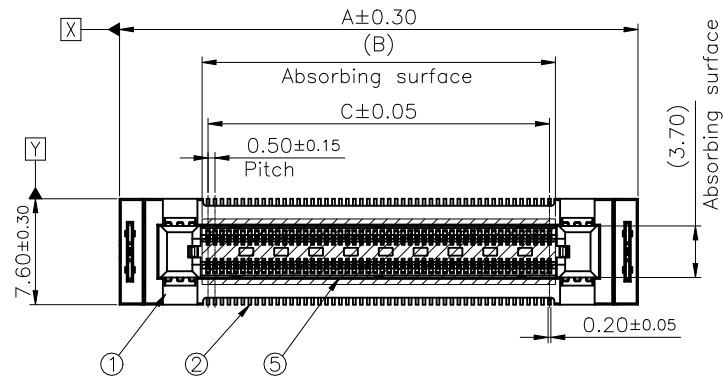


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Halogen free

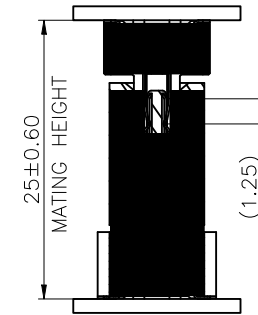
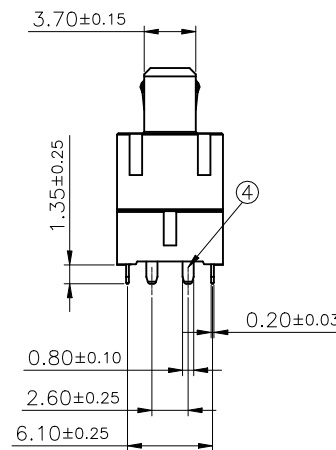


NOTES:

1. BURRS OF CONTACT AREA ARE NOT ALLOWED. INTERPOSITION AREA SHOULD BE 0.03MM MAX.
2. "▽" MARK IS CRITICAL CHARACTERISTIC DIMENSION.
3. ALL MATERIAL MUST BE COMPLY RoHS.
4. RECE. PART NO.: B04R-3J1B1-AA1A0-1110 SERIES
4. PLUG PART NO.: B07P-3K1B1-AA1A0-1110

PIN No.: 100PIN

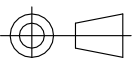
REV.	ECR/ECN No.	DESCRIPTION	DRAWN/DATE	CHECKED/DATE	APPROVED/DATE
A	/	New Release	SH Chen 2023-02-22	Elven 2023-02-22	Rain 2023-02-22
B	/	Add PIN No. of 90 and 140PIN	SH Chen 2023-03-27	Elven 2023-03-27	Rain 2023-03-27
C	/	Add PIN No. of 30PIN	SH Chen 2023-03-31	Elven 2023-03-31	Rain 2023-03-31
NO.	COMPONENTS	MATERIALS	SPECIFICATION: FINISH/COLOR		QTY.
1	HOUSING	GLASS FILLED LCP UL94V-0	BLACK		1
2	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
3	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
4	FIXING TAB	SUS304 T=0.25mm	ALL OVER Ni UNDER PLATING: 40u"~120u" SOLDER AREA: Au 2u" Min.		2
5	MYLAR	THERMOSTABLE T=0.10mm	YELLOW		1

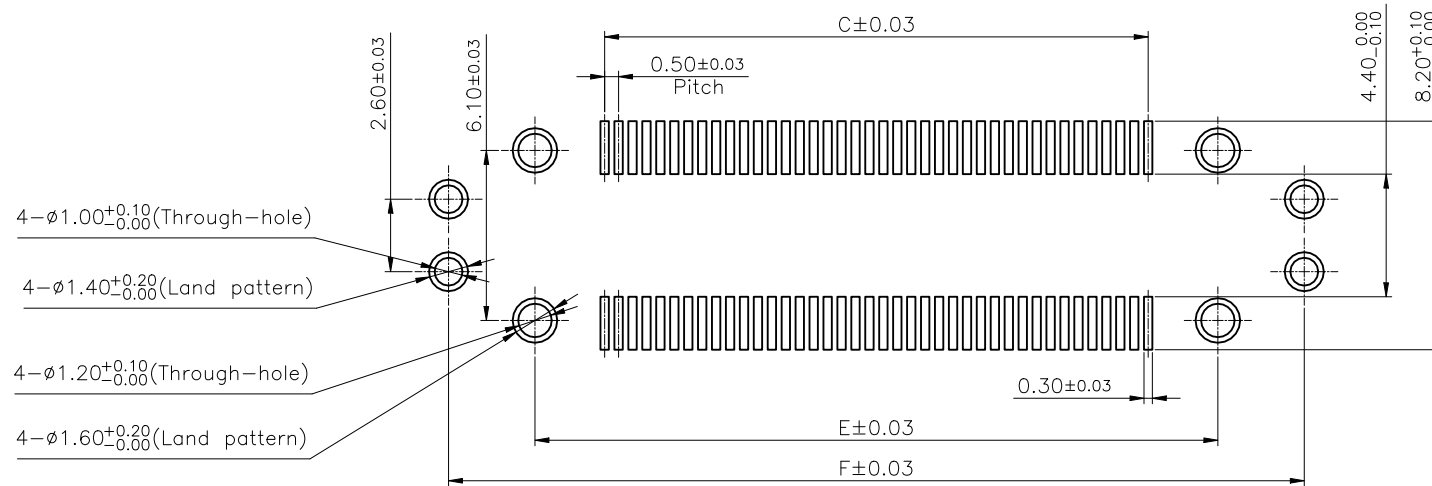


SECTION X-X
FLOATING RANGE TOWARD
X DIRECTION: ±0.80
Y DIRECTION: ±0.80
Z DIRECTION: ±0.60
ASSEMBLY DRAWING

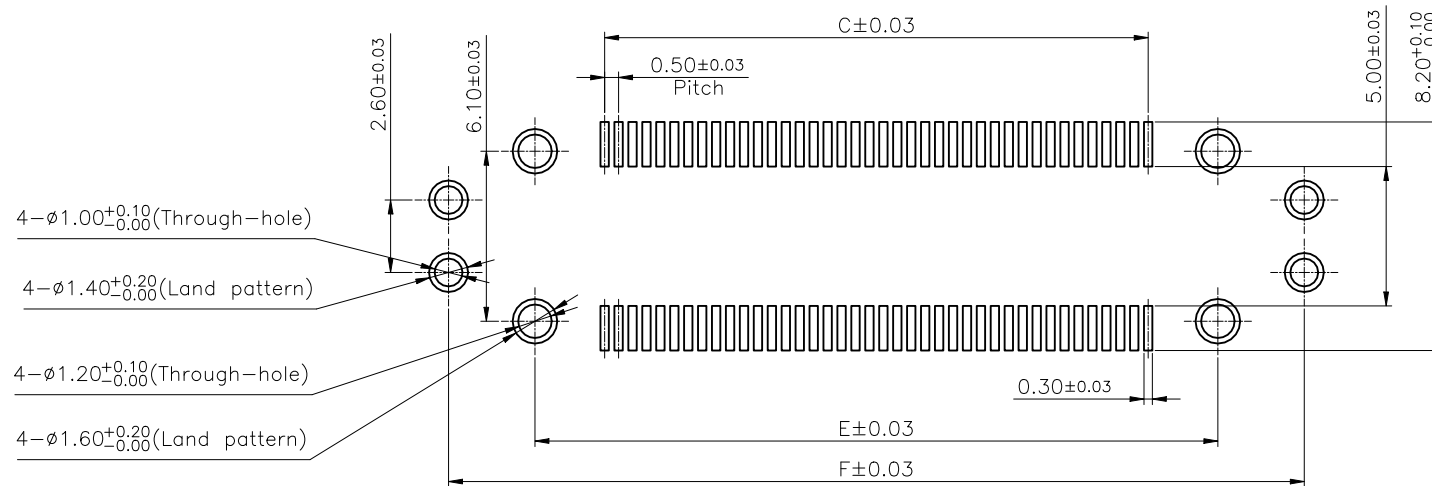
DIMENSION LIST:

PIN No.	A	B	C	D	E	F
20	17.20	5.35	4.50	11.59	9.50	15.70
30	19.70	7.85	7.00	14.09	12.00	18.20
40	22.20	10.35	9.50	16.59	14.50	20.70
60	27.20	15.35	14.50	21.59	19.50	25.70
80	32.20	20.35	19.50	26.59	24.50	30.70
90	34.70	22.85	22.00	29.09	27.00	33.20
A0(100)	37.20	25.35	24.50	31.59	29.50	35.70
B0(120)	42.20	30.35	29.50	36.59	34.50	40.70
D0(140)	47.20	35.35	34.50	41.59	39.50	45.70

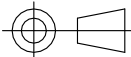
UNLESS OTHERWISE SPECIFIED TOLERANCES				ANGLE OF PROJECTION 		 Amphenol Aorora Technology (Huizhou) Co.,Ltd			
X.	±0.30	X. °	± 5°						
X.X	±0.25	X.X °	± 4°	DOC Customer Drw		TITLE: 0.5mm Pitch SH25.0 Floating BTB Plug Conn.			
X.XX	±0.20	X.XX °	± 3°	DRAWN	SH Chen 2023-03-31				
X.XXX	±0.15	X.XXX °	± 2°	DATE	SH Chen 2023-03-31	SIZE A4	PART NUMBER: B07P-3K1B1-AA1*-1110		REV. C
LINEAR DIMS		ANGLES DIMS		DESIGN	SH Chen 2023-03-31				
DWG NO.:		A-S0758		CHECKED	Elven 2023-03-31	SCALE 2:1 UNIT : mm SHEET 1 OF 3			
MATERIAL		SEE NOTES		DATE	Elven 2023-03-31				
FINISHED		SEE NOTES		APPROVED	Rain 2023-03-31				

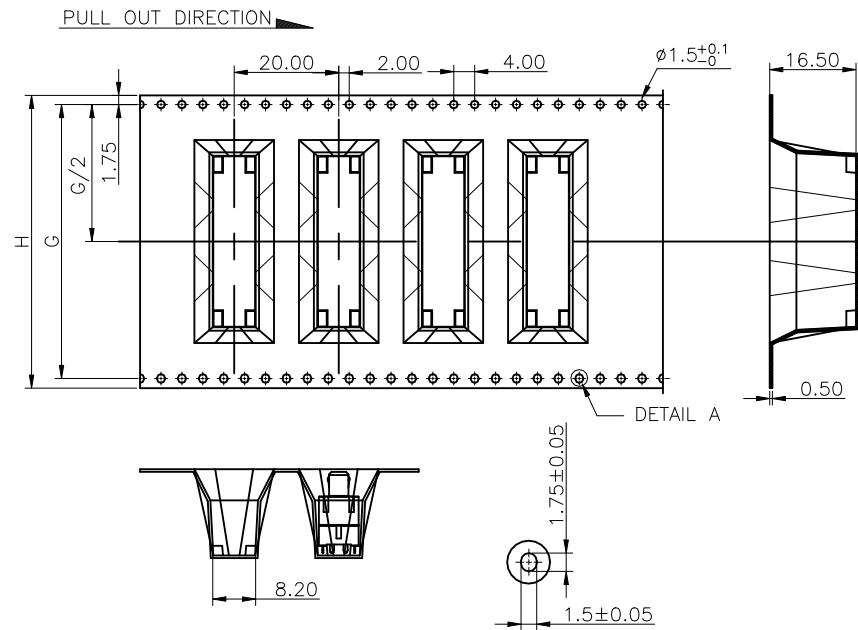


RECOMMENDED PCB SIZE
FOR COMMON DIFFERENTIAL PAIR 100ohm

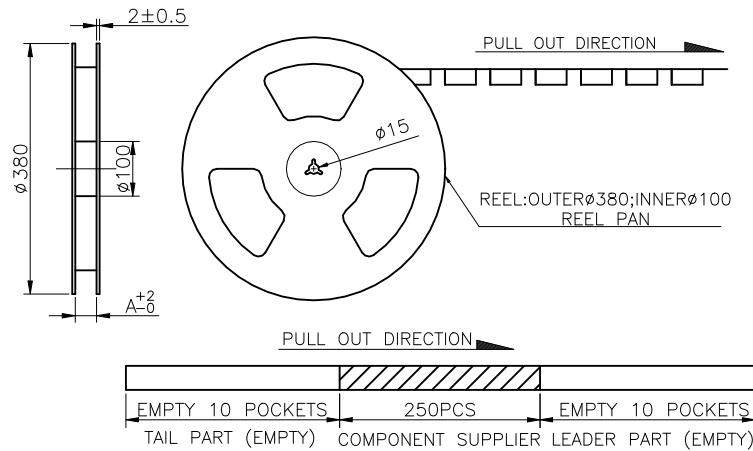


RECOMMENDED PCB SIZE
FOR PCIe Gen4.0 85ohm

UNLESS OTHERWISE SPECIFIED TOLERANCES				ANGLE OF PROJECTION 		 Amphenol Aorora Technology (Huizhou) Co.,Ltd			
X.	±0.30	X. °	± 5°	DOC		Customer Drw			
X.X	±0.25	X.X °	± 4°	TYP					
X.XX	±0.20	X.XX °	± 3°	DRAWN		DATE		SH Chen 2023-03-31	
X.XXX	±0.15	X.XXX °	± 2°	DESIGN		DATE		SH Chen 2023-03-31	
LINEAR DIMS		ANGLES DIMS		CHECKED		DATE		Elven 2023-03-31	
DWG NO.:		A-S0758		APPROVED		DATE		Rain 2023-03-31	
MATERIAL		SEE NOTES		SIZE		PART NUMBER:		REV.	
FINISHED		SEE NOTES		A4		B07P-3K1B1-AA1**-1110		C	
				SCALE		4:1		UNIT : mm	
						SHEET		2 OF 3	



DETAIL A
SCALE 2:1

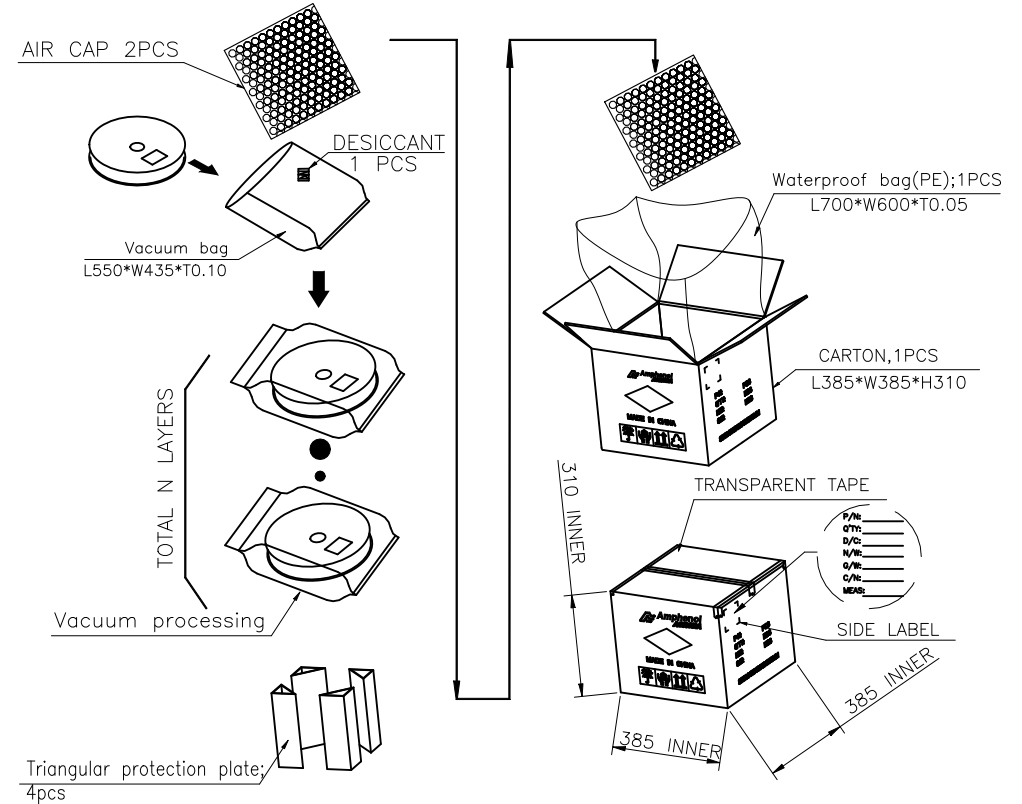


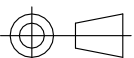
NOTES:

- MATERIAL:
 - CARRY TAPE: HIPS, T=0.50mm, CLEAR
 - REEL: HIPS, BLUE.
 - SHIM: PE, CLEAR.
- PRIMARY PACKING: 250PCS/REEL.
- SECONDARY PACKING: "N" REELS/CARTON ("TOTAL"=N*250/CARTON).
- PEELING RESISTANCE: 0.4N~1.4N(40~140gf);
PEELING ANGLE: 165°~180°;
PEELING SPEED: 300mm/minutes.

5. QTY LIST:

DIM	NO.	20~50pin	60~90pin	100~140pin
H		44.00	56.00	72.00
G		40.40	52.40	68.40
N		6	5	4
TOTAL(PCS)		1500	1250	1000



UNLESS OTHERWISE SPECIFIED TOLERANCES				ANGLE OF PROJECTION 		 Amphenol Aorora Technology (Huizhou) Co.,Ltd							
DOC TYP		Customer Drw				TITLE: 0.5mm Pitch SH25.0 Floating BTB Plug Conn.							
DRAWN		DATE				SH Chen 2023-03-31							
DESIGN		DATE		SH Chen 2023-03-31		SIZE		PART NUMBER:		REV.			
CHECKED		DATE		Elven 2023-03-31		A4		B07P-3K1B1-AA1**-1110				C	
APPROVED		DATE		Rain 2023-03-31		SCALE		1:1		UNIT : mm		SHEET 3 OF 3	
DWG NO.:		A-S0758											
MATERIAL		SEE NOTES											
FINISHED		SEE NOTES											