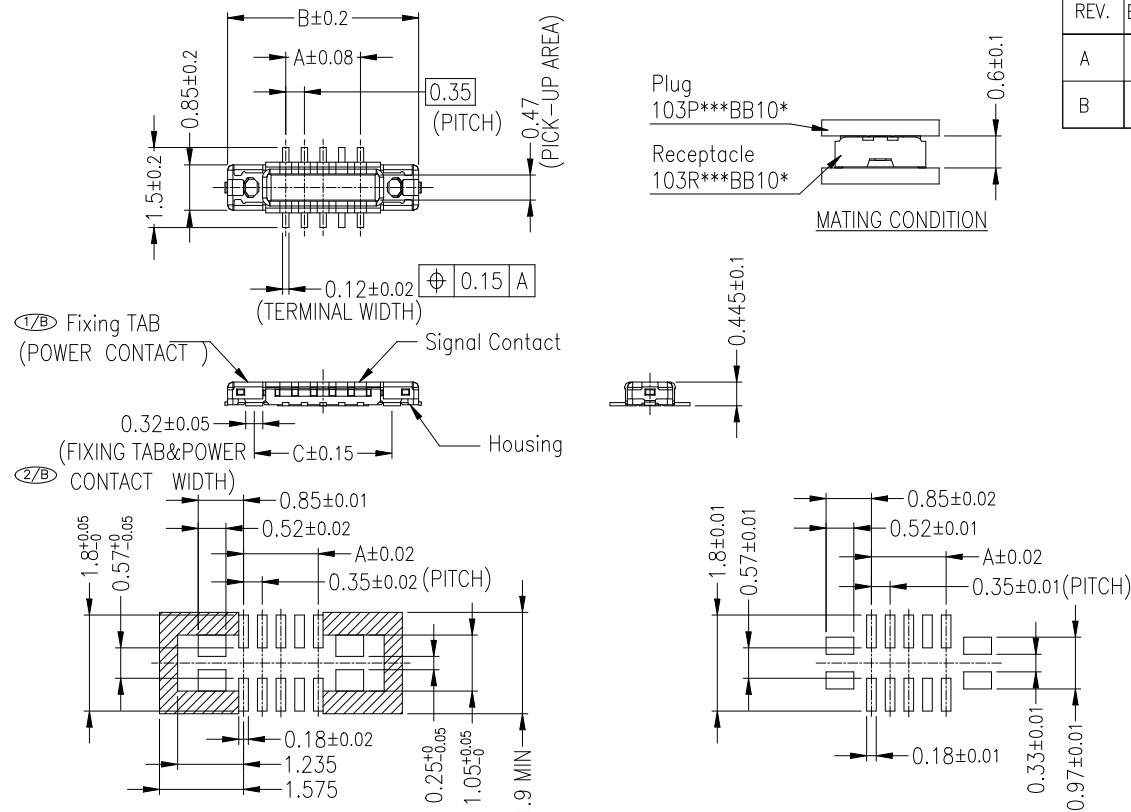




RECOMMENDED P.W.B. PATTERN LAYOUT

HATCHING AREA :

SOLDERING PROHIBITED AND EXPOSED TRACE PROHIBITED AREA
OR THE WIRING MUST BE INSULATED BY RESIST FILM OR COVER LAY

RECOMMENDED STENCIL MASK LAYOUT

RECOMMENDED STENCIL THICKNESS : T=0.08MM

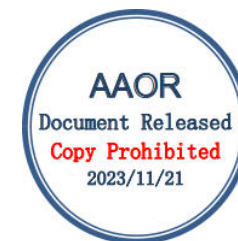
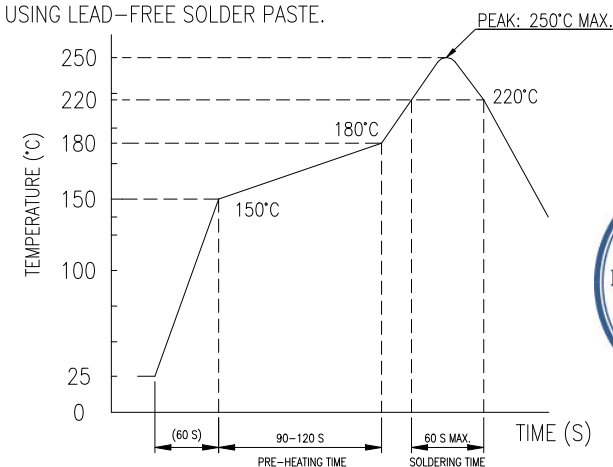
NOTE

1. MATERIALS
HOUSING : LCP UL94-V0 (COLOR BLACK)
SIGNAL CONTACT : COPPER ALLOY
FIXING TAB (POWER CONTACT) : COPPER ALLOY
2. PLATING
SIGNAL CONTACT : Au FLASH OVER Ni UNDER PLATING
FIXING TAB : Au FLASH OVER Ni UNDER PLATING
(ONLY CONTACT AND TAIL AREA)
3. MATE WITH: 103R***BB10*
4. CO-PLANARITY FOR SIGNAL CONTACT TERMINALS AND FIXING TAB MUST BE 0.08mm MAX.
5. THIS PRODUCT MEETS RoHS AND SONY SS-00259.
6. THE HOUSING WILL WITHSTAND EXPOSURE TO 250°C PEAK TEMPERATURE FOR 10SECONDS IN A REFLOW SOLDERING OVEN.
7. THE DOCUMENT MAY BE CHANGED WITHOUT PRIOR NOTICE.
8. PART NUMBER: 103P***BB10*

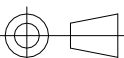
PIN POS. ———— 0: MASS PRODUCTION PACKAGE SPEC (15000PCS/REEL)
9: SAMPLE PACKAGE SPEC (2000PCS/REEL)

REV.	ECR/ECN No.	DESCRIPTION	DRAWN/DATE	CHECKED/DATE	APPROVED/DATE
A	ECN2023031501	NEW RELEASE	Hanson 03/15/'23	Sam 03/15/'23	Sam 03/15/'23
B	ECR2023112102	ADD LEAD FOR POWER CONTACT	Hanson 11/21/'23	Elven 11/21/'23	Sam 21/11/'23

9. RECOMMENDED REFLOW TEMPERATURE PROFILE USING LEAD-FREE SOLDER PASTE.

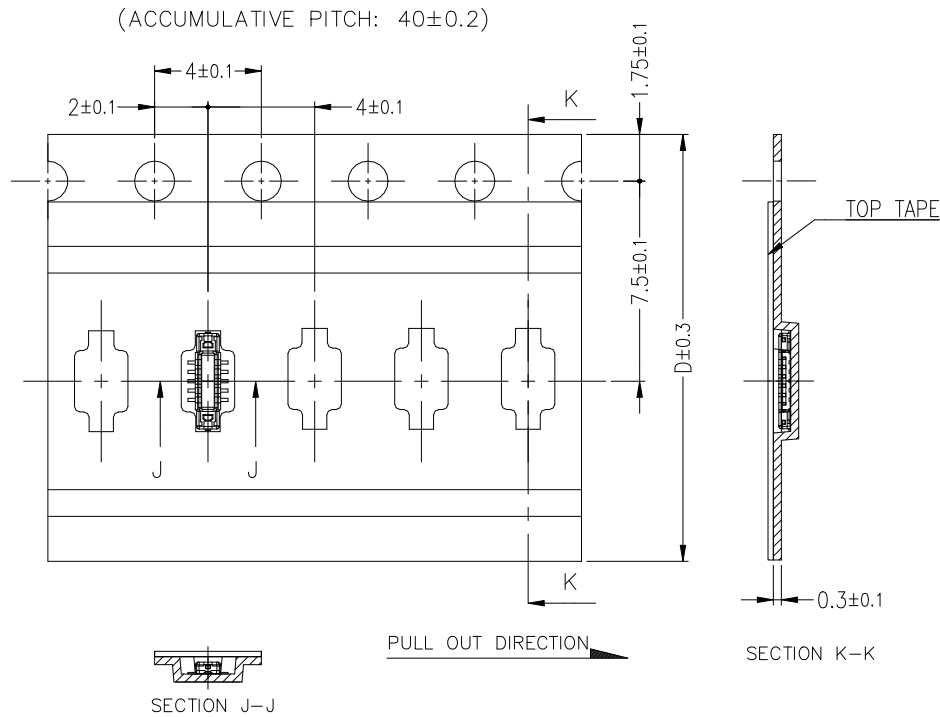


32	11.33	12.33	10.15	103P060BB10*	60 pin
24	9.58	10.58	8.40	103P050BB10*	50 pin
24	9.23	10.23	8.05	103P048BB10*	48 pin
24	7.83	8.83	6.65	103P040BB10*	40 pin
24	6.78	7.78	5.60	103P034BB10*	34 pin
16	6.08	7.08	4.90	103P030BB10*	30 pin
16	5.03	6.03	3.85	103P024BB10*	24 pin
16	4.33	5.33	3.15	103P020BB10*	20 pin
16	3.63	4.63	2.45	103P016BB10*	16 pin
16	3.28	4.28	2.10	103P014BB10*	14 pin
16	2.93	3.93	1.75	103P012BB10*	12 pin
16	2.58	3.58	1.40	103P010BB10*	10 pin
16	2.23	3.23	1.05	103P008BB10*	8 pin
16	1.88	2.88	0.70	103P006BB10*	6 pin
16	1.53	2.53	0.35	103P004BB10*	4 pin
D	C	B	A	Part Number	Pos.

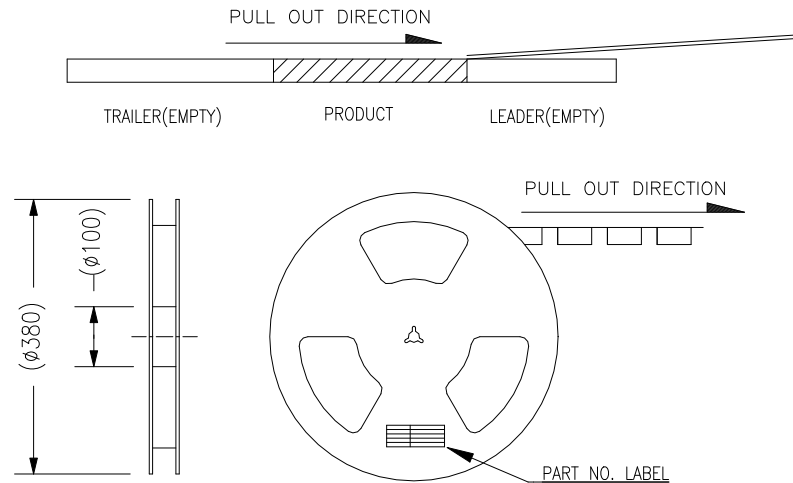
UNLESS OTHERWISE SPECIFIED TOLERANCES				ANGLE OF PROJECTION		 Amphenol Aorora Technology (Huizhou) Co.,Ltd			
X.	±0.30	X. *	± 3'			TITLE: Customer Drawing For 0.35mm Pitch SH=0.6mm BTB Connector 103 Series Plug Assembly			
X.X	±0.25	X.X *	± 2'						
X.XX	±0.20	X.XX *	± 1'						
X.XXX	±0.15	X.XXX *	± 1'						
LINEAR DIMS		ANGLES DIMS		DOC TYP		Customer Drw			
DWG NO.: A-S0589		DRAWN		DATE		Hanson		2020-02-05	
MATERIAL		DESIGN		DATE		Sam		2020-02-05	
FINISHED		CHECKED		DATE		Sam		2020-02-05	
		APPROVED		DATE		Leo		2020-02-05	
SCALE		10:1		UNIT : mm		SHEET 1 OF 3		REV. B	

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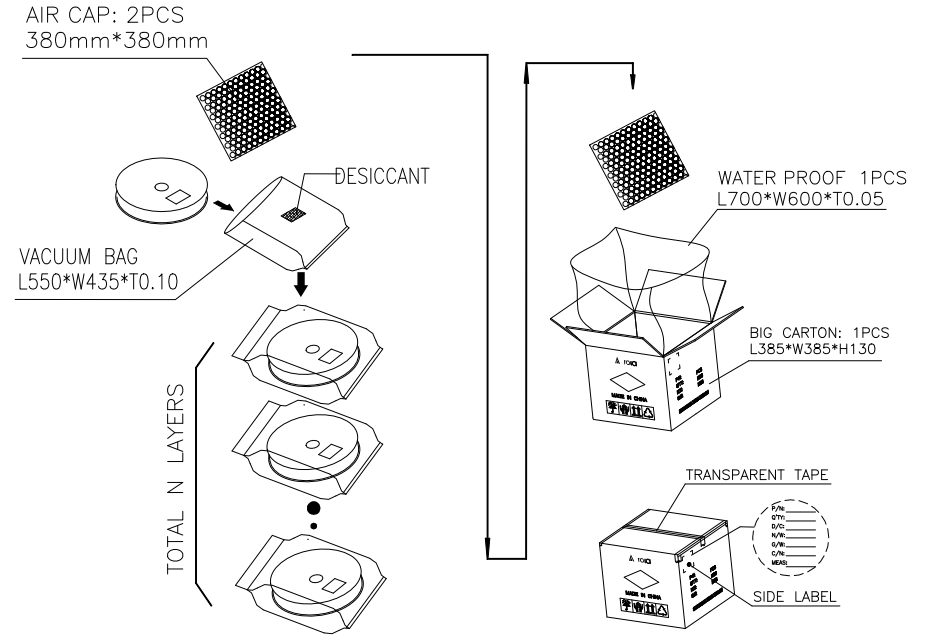
Amphenol
AORORA



103P***BB100: MASS PRODUCTION PACKAGE SPEC (15000PCS/REEL)



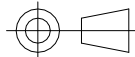
103P***BB100: MASS PRODUCTION PACKAGE SPEC (15000PCS/REEL)



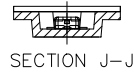
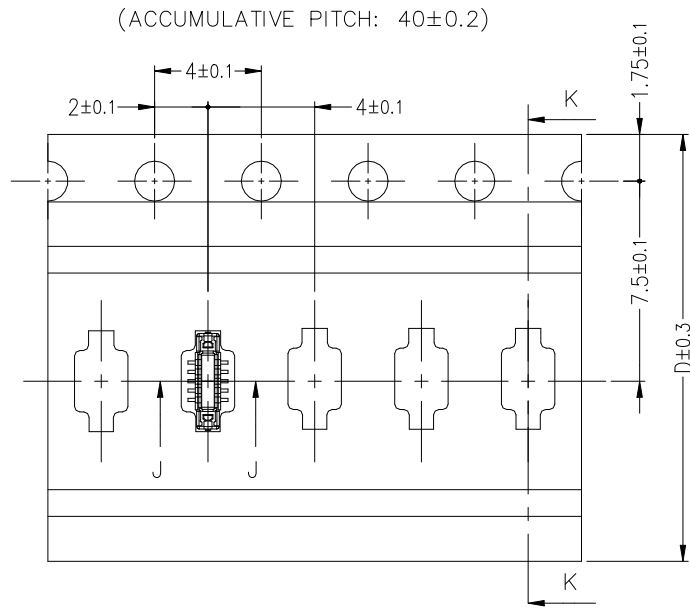
NOTES:

1. PEELING FORCE: 0.1N~0.7N (10~70gf);
PEELING ANGLE: $165^{\circ} \sim 180^{\circ}$;
PEELING SPEED: 300mm/minutes.
2. MATERIAL:
2.1 CARRIER TAPE: HIPS, T=0.3, CLEAR;
2.2 REEL: HIPS BLUE;
2.3 SHIM: PE, CLEAR;
3. PRIMARY PACKING: 15000PCS/REEL;
4. SECONDARY PACKING: "5" REELS/BIG CARTON;
("75000"=5*15000/BIG CARTON)

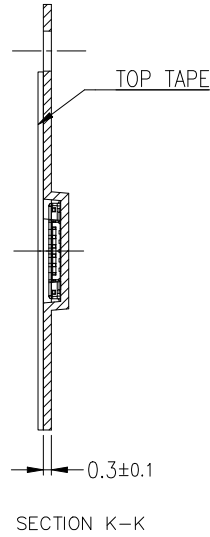


UNLESS OTHERWISE SPECIFIED TOLERANCES				ANGLE OF PROJECTION 		 Amphenol Aorora Technology (Huizhou) Co.,Ltd														
X.	±0.30	X. °	± 5°	DOC TYP Emboss Package <table><tr><td>DRAWN</td><td>DATE</td><td>Hanson 2020-02-05</td></tr><tr><td>DESIGN</td><td>DATE</td><td>Sam 2020-02-05</td></tr><tr><td>CHECKED</td><td>DATE</td><td>Sam 2020-02-05</td></tr><tr><td>APPROVED</td><td>DATE</td><td>Leo 2020-02-05</td></tr></table>		DRAWN	DATE	Hanson 2020-02-05	DESIGN	DATE	Sam 2020-02-05	CHECKED	DATE	Sam 2020-02-05	APPROVED	DATE	Leo 2020-02-05	TITLE: Customer Drawing For 0.35mm Pitch SH=0.6mm BTB Connector 103 Series Plug Assembly		
DRAWN	DATE	Hanson 2020-02-05																		
DESIGN	DATE	Sam 2020-02-05																		
CHECKED	DATE	Sam 2020-02-05																		
APPROVED	DATE	Leo 2020-02-05																		
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-S0589				SIZE		PART NUMBER:		REV.												
MATERIAL		SEE NOTES		A3		103P***BB10*		B												
FINISHED		SEE NOTES		SCALE		1:1	UNIT : mm	SHEET 2 OF 3												

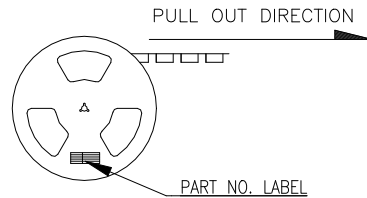
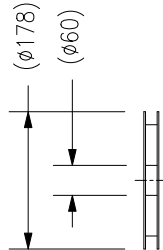
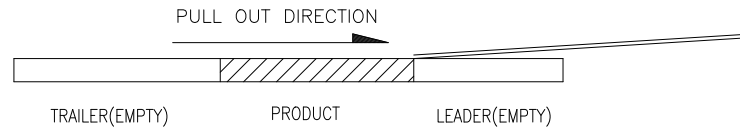
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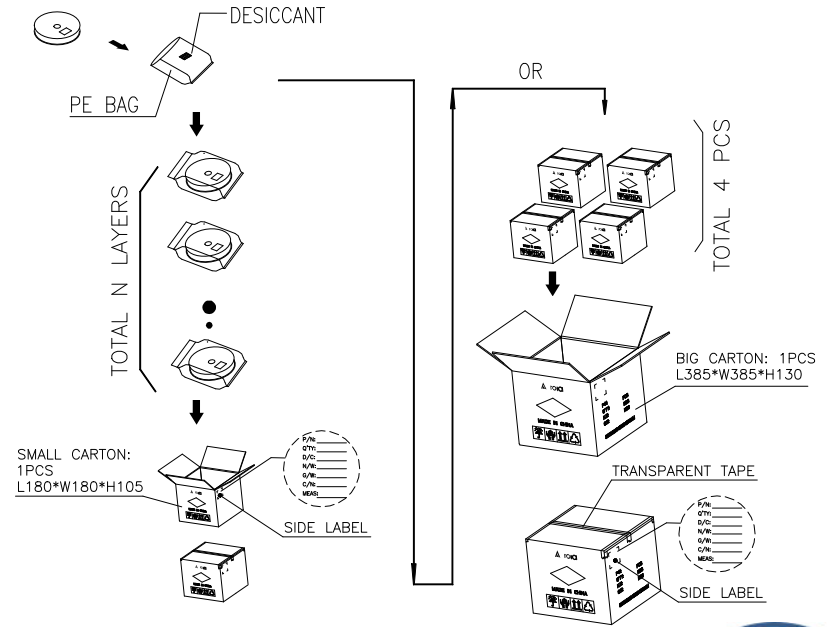
PULL OUT DIRECTION



103P***BB109: SAMPLE PACKAGE SPEC (2000PCS/REEL)



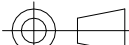
103P***BB109: SAMPLE PACKAGE SPEC (2000PCS/REEL)



NOTES:

1. PEELING FORCE: $0.1N \sim 0.7N$ ($10 \sim 70gf$);
PEELING ANGLE: $165^\circ \sim 180^\circ$;
PEELING SPEED: 300mm/minutes.
2. MATERIAL:
1.1 CARRIER TAPE: HIPS, $T=0.3$, CLEAR;
1.2 REEL: HIPS WHITE;
1.3 SHIM: PE, CLEAR;
3. PRIMARY PACKING: 2000PCS/REEL;
4. SECONDARY PACKING:
5 REELS/SMALL CARTON; 4 SMALL CARTON/1 BIG CARTON;
("40000"=1 BIG CARTON= 4*5*2000 PCS)



UNLESS OTHERWISE SPECIFIED TOLERANCES				ANGLE OF PROJECTION		 Amphenol Aorora Technology (Huizhou) Co.,Ltd			
X.	±0.30	X. °	± 5°			TITLE: Customer Drawing For 0.35mm Pitch SH=0.6mm BTB Connector 103 Series Plug Assembly			
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 Emboss Package		SIZEPART NUMBER:REV. A3103P***BB10*B			
DWG NO.: A-S0589		DRAWN DATE		Hanson 2020-02-05					
MATERIAL		DESIGN DATE		Sam 2020-02-05					
FINISHED		CHECKED DATE		Sam 2020-02-05					
				APPROVED DATE		SCALE1:1UNIT : mmSHEET 3 OF 3			
SEE NOTES				Leo 2020-02-05					