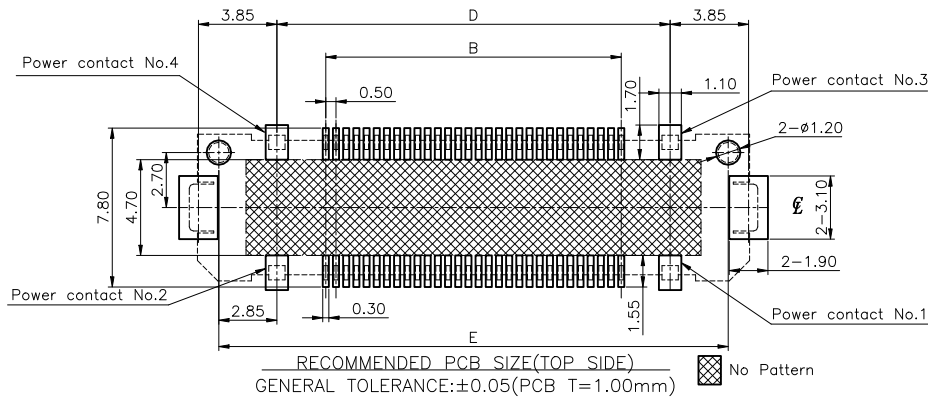
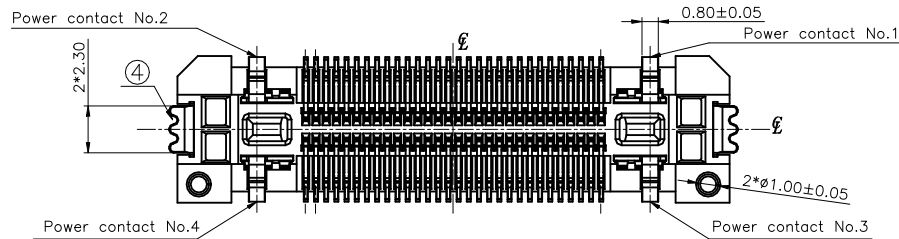
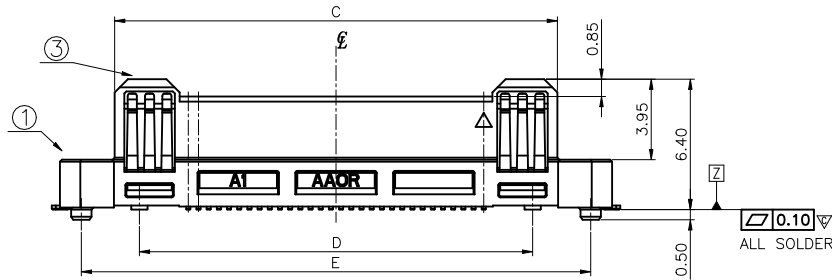
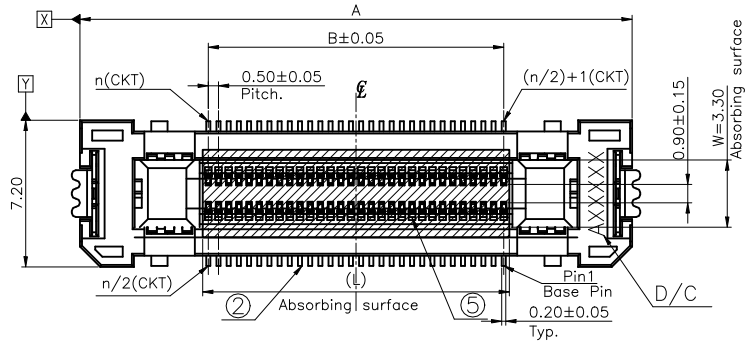


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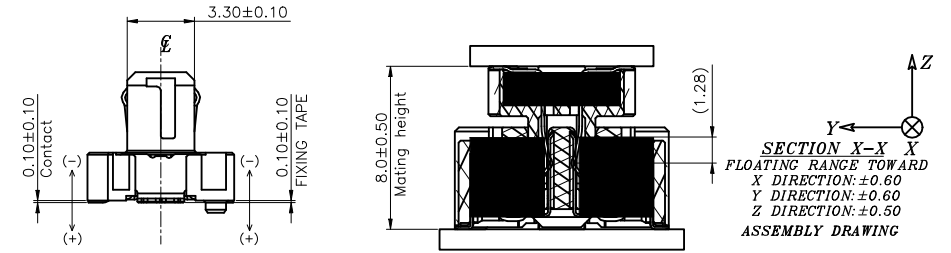


Halogen free



| REV. | ECR/ECN No. | DESCRIPTION | DRAWN/DATE            | CHECKED/DATE      | APPROVED/DATE      |
|------|-------------|-------------|-----------------------|-------------------|--------------------|
| A    | /           | New Release | SH Chen<br>2022-02-24 | May<br>2022-02-24 | Rain<br>2022-02-24 |

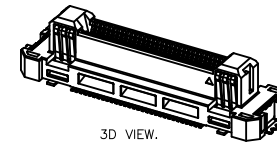
| NO. | COMPONENTS     | MATERIALS                    | SPECIFICATION:FINISH/COLOR                                                                       | QTY. |
|-----|----------------|------------------------------|--------------------------------------------------------------------------------------------------|------|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

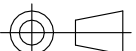


- NOTES:
- BURRS OF CONTACT AREA ARE NOT ALLOWED AND INTERPOSITION AREA SHOULD BE 0.03MM MAX.
  - "V" MARK IS CRITICAL CHARACTERISTIC DIMENSION.
  - ALL MATERIAL MUST BE COMPLY RoHS.
  - D/C:XXXXX
  - RECE. PART NO.:B329-1B7L1-112\*\*-E100 SERIES
  - PLUG PART NO.: B324-1B7L1-112\*\*-E100
- SHIFT LINE DAY
- PIN No.

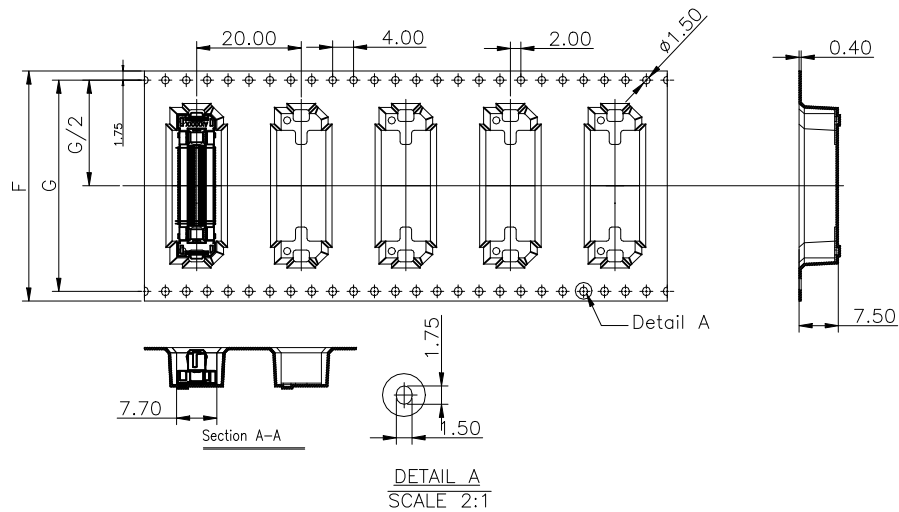
DIMENSION LIST:

| PIN No. | A     | B     | C     | D     | E     | L     |
|---------|-------|-------|-------|-------|-------|-------|
| 20      | 17.10 | 4.50  | 11.73 | 9.30  | 15.00 | 5.15  |
| 40      | 22.10 | 9.50  | 16.73 | 14.30 | 20.00 | 10.15 |
| 60      | 27.10 | 14.50 | 21.73 | 19.30 | 25.00 | 15.15 |
| 80      | 32.10 | 19.50 | 26.73 | 24.30 | 30.00 | 20.15 |
| A0(100) | 37.10 | 24.50 | 31.73 | 29.30 | 35.00 | 25.15 |
| B0(120) | 42.10 | 29.50 | 36.73 | 34.30 | 40.00 | 30.15 |
| D0(140) | 47.10 | 34.50 | 41.73 | 39.30 | 45.00 | 35.15 |



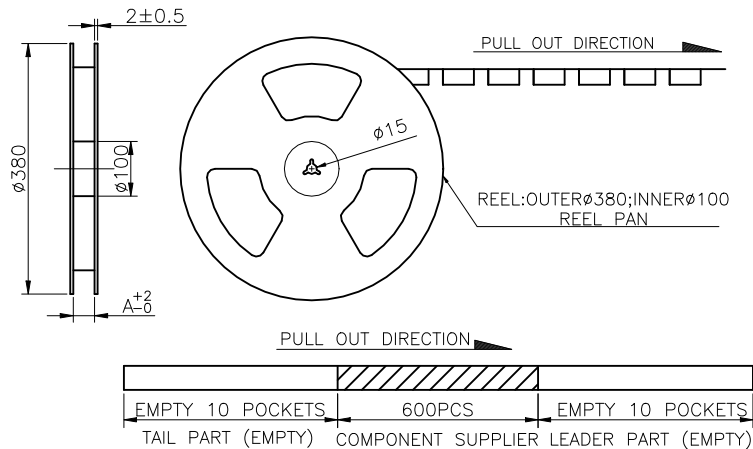
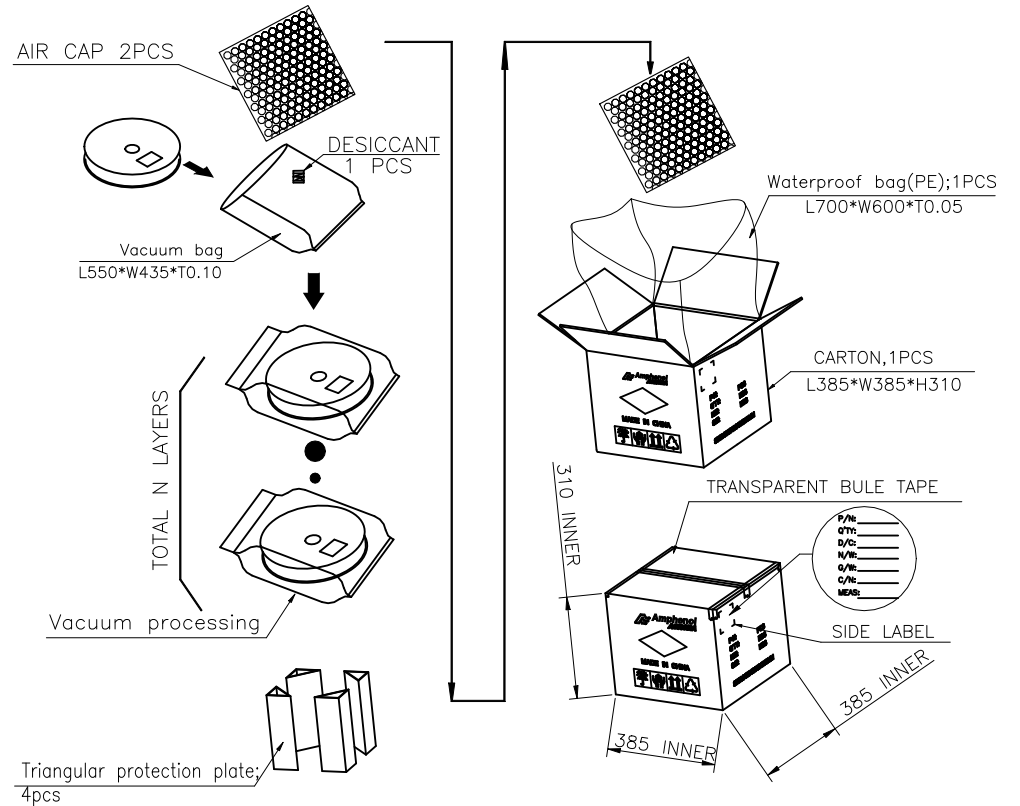
| UNLESS OTHERWISE SPECIFIED TOLERANCES |       |             |      | ANGLE OF PROJECTION<br> |  | <br>Amphenol Aorora Technology (Huizhou) Co.,Ltd |  |                                       |  |           |  |              |  |
|---------------------------------------|-------|-------------|------|--------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------|--|-----------|--|--------------|--|
|                                       |       |             |      |                                                                                                              |  |                                                                                                                                       |  |                                       |  |           |  |              |  |
| X.                                    | ±0.30 | X. °        | ± 5° | Customer Drw                                                                                                 |  | TITLE:<br><br>0.5mm Pitch Floating BTB Plug connector                                                                                 |  |                                       |  |           |  |              |  |
| X.X                                   | ±0.25 | X.X °       | ± 4° |                                                                                                              |  |                                                                                                                                       |  |                                       |  |           |  |              |  |
| X.XX                                  | ±0.20 | X.XX °      | ± 3° | DRAWN<br>DATE                                                                                                |  | SH Chen<br>2022-02-24                                                                                                                 |  | SIZE<br>A4                            |  |           |  |              |  |
| X.XXX                                 | ±0.15 | X.XXX °     | ± 2° |                                                                                                              |  |                                                                                                                                       |  |                                       |  |           |  |              |  |
| LINEAR DIMS                           |       | ANGLES DIMS |      | DESIGN<br>DATE                                                                                               |  | SH Chen<br>2022-02-24                                                                                                                 |  | PART NUMBER:<br>B324-1B7L1-112**-E100 |  |           |  |              |  |
|                                       |       |             |      |                                                                                                              |  |                                                                                                                                       |  |                                       |  |           |  |              |  |
| DWG NO.: A-S0739                      |       |             |      | CHECKED<br>DATE                                                                                              |  | May<br>2022-02-24                                                                                                                     |  | REV.<br>A                             |  |           |  |              |  |
| MATERIAL                              |       | SEE NOTES   |      |                                                                                                              |  |                                                                                                                                       |  |                                       |  |           |  |              |  |
| FINISHED                              |       | SEE NOTES   |      | APPROVED<br>DATE                                                                                             |  | Rain<br>2022-02-24                                                                                                                    |  | SCALE<br>4:1                          |  | UNIT : mm |  | SHEET 1 OF 2 |  |
|                                       |       |             |      |                                                                                                              |  |                                                                                                                                       |  |                                       |  |           |  |              |  |

PULL OUT DIRECTION



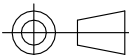
#### 5. QTY LIST:

| DIM NO.    | 20pin | 40pin | 60pin | 80pin | 100pin | 120pin | 140pin |
|------------|-------|-------|-------|-------|--------|--------|--------|
| F          | 44.00 | 44.00 | 44.00 | 52.00 | 52.00  | 72.00  | 72.00  |
| G          | 40.40 | 40.40 | 40.40 | 50.40 | 50.40  | 68.40  | 68.40  |
| N          | 6     | 6     | 6     | 5     | 5      | 4      | 4      |
| TOTAL(PCS) | 3600  | 3600  | 3600  | 3000  | 3000   | 2400   | 2400   |



#### NOTES:

- MATERIAL:
  - CARRY TAPE: HIPS, T=0.50mm, CLEAR
  - REEL: HIPS, BLUE.
  - SHIM: PE, CLEAR.
- PRIMARY PACKING: 600PCS/REEL.
- SECONDARY PACKING: "N" REELS/CARTON ("TOTAL"=N\*600/CARTON).
- PEELING RESISTANCE: 0.4N~1.4N(40~140gf);  
PEELING ANGLE: 165°~180°;  
PEELING SPEED: 300mm/minutes.

| UNLESS OTHERWISE SPECIFIED TOLERANCES |       |             |      | ANGLE OF PROJECTION<br> |  | <br>Amphenol Aorora Technology (Huizhou) Co.,Ltd |  |                                                       |  |                                           |  |  |  |
|---------------------------------------|-------|-------------|------|--------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------|--|-------------------------------------------|--|--|--|
|                                       |       |             |      |                                                                                                              |  |                                                                                                                                       |  |                                                       |  |                                           |  |  |  |
| X.                                    | ±0.30 | X. °        | ± 5' | DOC<br>TYP                                                                                                   |  | Customer Drw                                                                                                                          |  | TITLE:<br><br>0.5mm Pitch Floating BTB Plug connector |  |                                           |  |  |  |
| X.X                                   | ±0.25 | X.X °       | ± 4' |                                                                                                              |  |                                                                                                                                       |  |                                                       |  |                                           |  |  |  |
| X.XX                                  | ±0.20 | X.XX °      | ± 3' | DRAWN                                                                                                        |  | DATE                                                                                                                                  |  | SH Chen<br>2022-02-24                                 |  |                                           |  |  |  |
| X.XXX                                 | ±0.15 | X.XXX °     | ± 2' |                                                                                                              |  |                                                                                                                                       |  |                                                       |  |                                           |  |  |  |
| LINEAR DIMS                           |       | ANGLES DIMS |      | DESIGN                                                                                                       |  | DATE                                                                                                                                  |  | SH Chen<br>2022-02-24                                 |  | SIZE<br>PART NUMBER:<br>REV.              |  |  |  |
|                                       |       |             |      |                                                                                                              |  |                                                                                                                                       |  |                                                       |  |                                           |  |  |  |
| DWG NO.:                              |       | A-S0739     |      | CHECKED                                                                                                      |  | DATE                                                                                                                                  |  | May<br>2022-02-24                                     |  | A4<br>B324-1B7L1-112**-E100<br>A          |  |  |  |
| MATERIAL                              |       | SEE NOTES   |      |                                                                                                              |  |                                                                                                                                       |  |                                                       |  |                                           |  |  |  |
| FINISHED                              |       | SEE NOTES   |      | APPROVED                                                                                                     |  | DATE                                                                                                                                  |  | Roin<br>2022-02-24                                    |  | SCALE<br>1:1<br>UNIT : mm<br>SHEET 2 OF 2 |  |  |  |
|                                       |       |             |      |                                                                                                              |  |                                                                                                                                       |  |                                                       |  |                                           |  |  |  |