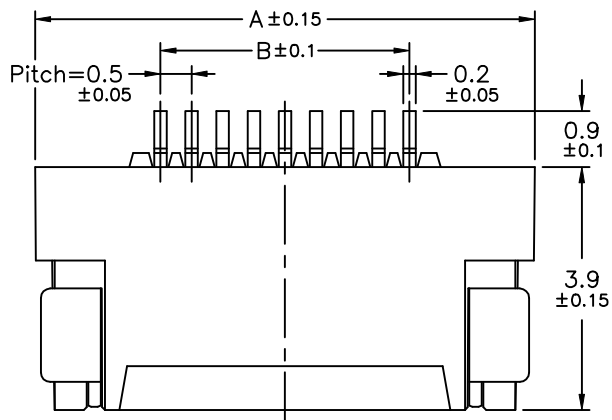


| REV. | ECN NO. | DATE |
|------|----------|-----------|
| A | RELEASED | 12/12/'03 |
| B | 403001 | 3/25/'04 |

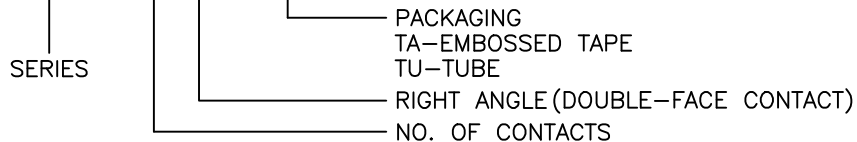


NOTE:

- MATERIAL:
INSULATOR:THERMOPLASTIC
CONTACTS:BRASS
SOLDER PAD:BRASS
- CONTACTS FINISH:TIN OVER NICKEL
SOLDER PAD FINISH:TIN OVER NICKEL

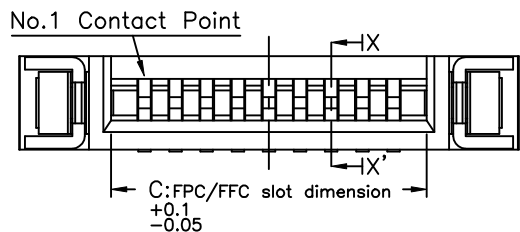
3.PART NO.:

BL121-xx R - xx

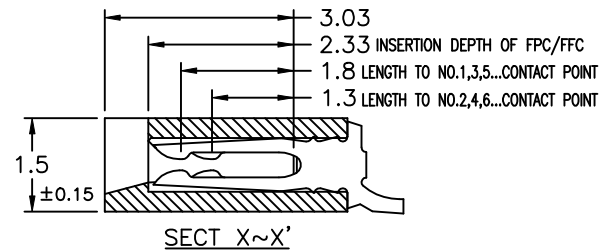
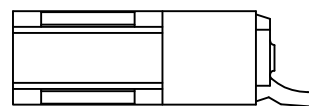


- CURRENT RATING:0.4A MAX.
- VOLTAGE RATING:50V MAX.
- DIELECTRIC WITHSTANDING VOLTAGE:250Vrms.

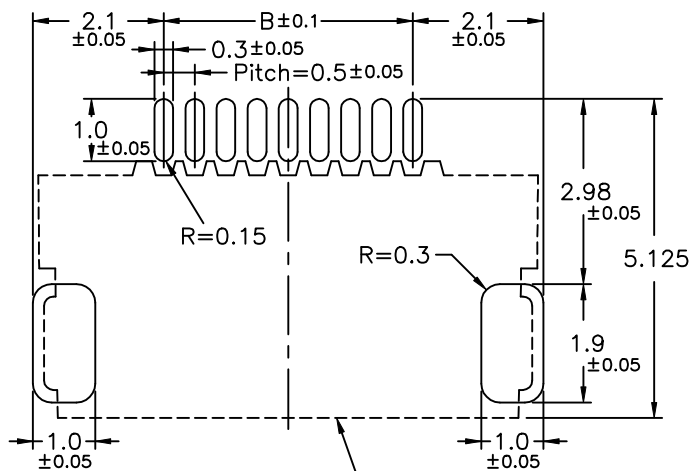
| No.of Contacts | Catalog Number | DIM. A | DIM. B | DIM. C |
|----------------|----------------|--------|--------|--------|
| 4 | BL121-4R | 5.53 | 1.5 | 2.57 |
| 5 | BL121-5R | 6.03 | 2 | 3.07 |
| 6 | BL121-6R | 6.53 | 2.5 | 3.57 |
| 7 | BL121-7R | 7.03 | 3 | 4.07 |
| 8 | BL121-8R | 7.53 | 3.5 | 4.57 |
| 9 | BL121-9R | 8.03 | 4 | 5.07 |
| 10 | BL121-10R | 8.53 | 4.5 | 5.57 |
| 11 | BL121-11R | 9.03 | 5 | 6.07 |
| 12 | BL121-12R | 9.53 | 5.5 | 6.57 |
| 13 | BL121-13R | 10.03 | 6 | 7.07 |
| 14 | BL121-14R | 10.53 | 6.5 | 7.57 |
| 15 | BL121-15R | 11.03 | 7 | 8.07 |
| 16 | BL121-16R | 11.53 | 7.5 | 8.57 |
| 17 | BL121-17R | 12.03 | 8 | 9.07 |
| 18 | BL121-18R | 12.53 | 8.5 | 9.57 |
| 19 | BL121-19R | 13.03 | 9 | 10.07 |
| 20 | BL121-20R | 13.53 | 9.5 | 10.57 |
| 21 | BL121-21R | 14.03 | 10 | 11.07 |
| 22 | BL121-22R | 14.53 | 10.5 | 11.57 |
| 23 | BL121-23R | 15.03 | 11 | 12.07 |
| 24 | BL121-24R | 15.53 | 11.5 | 12.57 |
| 25 | BL121-25R | 16.03 | 12 | 13.07 |
| 26 | BL121-26R | 16.53 | 12.5 | 13.57 |
| 27 | BL121-27R | 17.03 | 13 | 14.07 |
| 28 | BL121-28R | 17.53 | 13.5 | 14.57 |
| 29 | BL121-29R | 18.03 | 14 | 15.07 |
| 30 | BL121-30R | 18.53 | 14.5 | 15.57 |
| 31 | BL121-31R | 19.03 | 15 | 16.07 |
| 32 | BL121-32R | 19.53 | 15.5 | 16.57 |
| 33 | BL121-33R | 20.03 | 16 | 17.07 |
| 34 | BL121-34R | 20.53 | 16.5 | 17.57 |
| 35 | BL121-35R | 21.03 | 17 | 18.07 |
| 36 | BL121-36R | 21.53 | 17.5 | 18.57 |
| 37 | BL121-37R | 22.03 | 18 | 19.07 |
| 38 | BL121-38R | 22.53 | 18.5 | 19.57 |
| 39 | BL121-39R | 23.03 | 19 | 20.07 |
| 40 | BL121-40R | 23.53 | 19.5 | 20.57 |
| 41 | BL121-41R | 24.03 | 20 | 21.07 |
| 42 | BL121-42R | 24.53 | 20.5 | 21.57 |
| 43 | BL121-43R | 25.03 | 21 | 22.07 |
| 44 | BL121-44R | 25.53 | 21.5 | 22.57 |
| 45 | BL121-45R | 26.03 | 22 | 23.07 |
| 46 | BL121-46R | 26.53 | 22.5 | 23.57 |
| 47 | BL121-47R | 27.03 | 23 | 24.07 |
| 48 | BL121-48R | 27.53 | 23.5 | 24.57 |
| 49 | BL121-49R | 28.03 | 24 | 25.07 |
| 50 | BL121-50R | 28.53 | 24.5 | 25.57 |
| 51 | BL121-51R | 29.03 | 25 | 26.07 |
| 52 | BL121-52R | 29.53 | 25.5 | 26.57 |
| 53 | BL121-53R | 30.03 | 26 | 27.07 |
| 54 | BL121-54R | 30.53 | 26.5 | 27.57 |
| 55 | BL121-55R | 31.03 | 27 | 28.07 |
| 56 | BL121-56R | 31.53 | 27.5 | 28.57 |
| 57 | BL121-57R | 32.03 | 28 | 29.07 |
| 58 | BL121-58R | 32.53 | 28.5 | 29.57 |
| 59 | BL121-59R | 33.03 | 29 | 30.07 |
| 60 | BL121-60R | 33.53 | 29.5 | 30.57 |



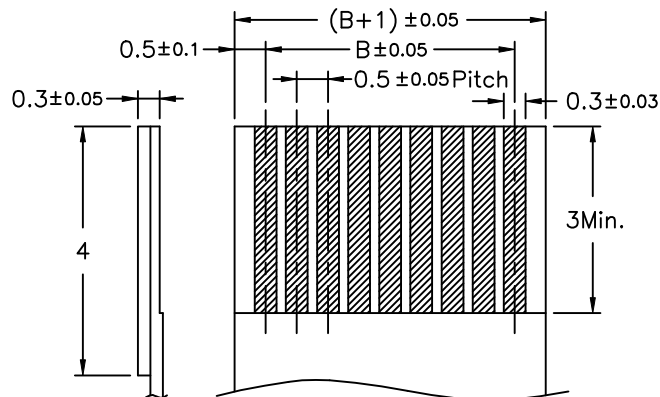
PCB Layout



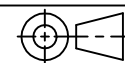
Applicable FPC



FPC/FFC INSERT DIRECTION



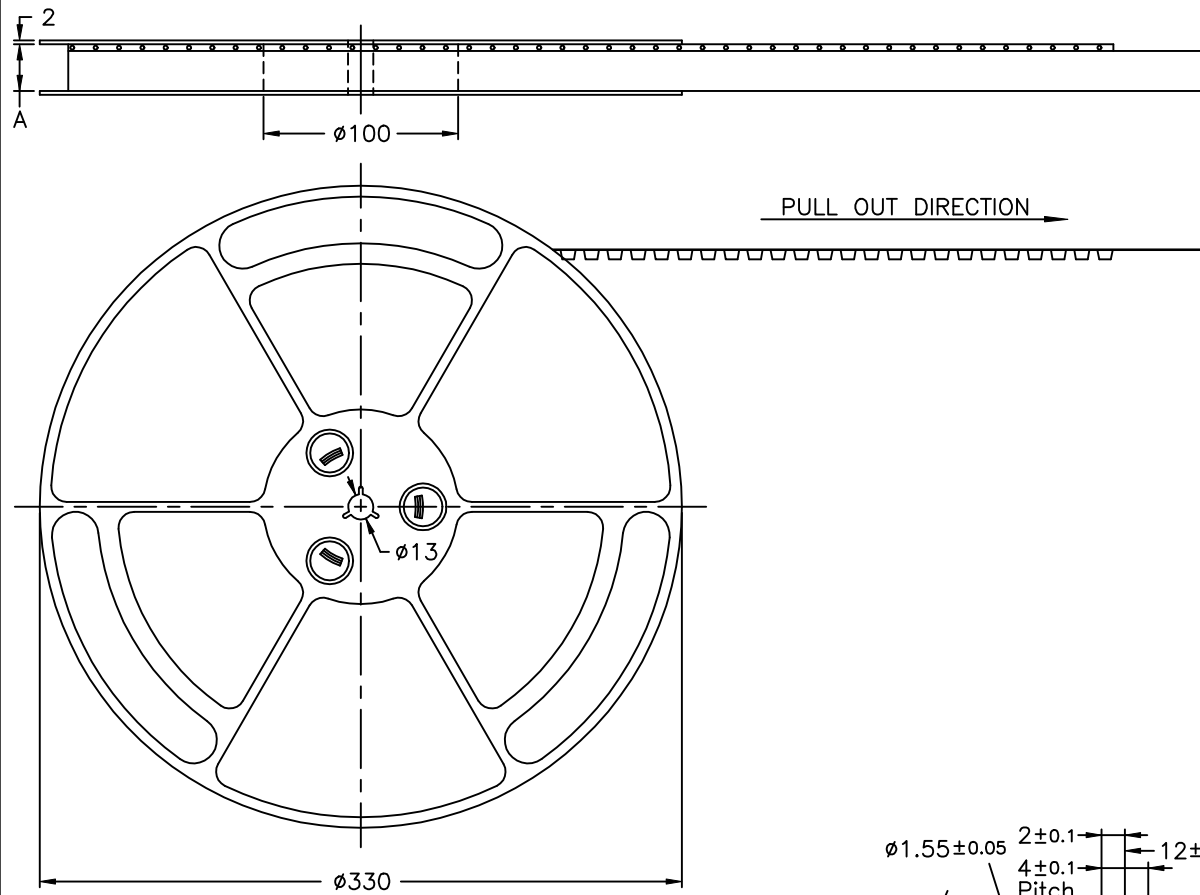
| | | | | | | | |
|----------------------------|-------|-------|-----|---------|-----------|----------|-------------|
| TOLERANCE UNLESS SPECIFIED | | REV. | B | DR. BY | Bonnie Li | MATERIAL | See Note 1. |
| LINEAR | ANGLE | SHEET | 1/2 | CHK. BY | S.T.LIN | FINISH | See Note 2. |
| .X ±0.2 | X | SCALE | 8/1 | APP. BY | S.T.LIN | DATE | 3/25/'04 |
| .XX ±0.15 | .X | UNIT | mm | | | PART NO. | See Note 3. |
| .XXX ±0.05 | | | | | | | |



TITLE 0.5mm Pitch FPC/FFC Connector
DWG NO. C1/BOOK/BOOK/BL121/HP

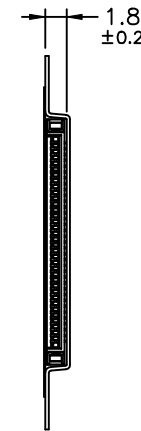
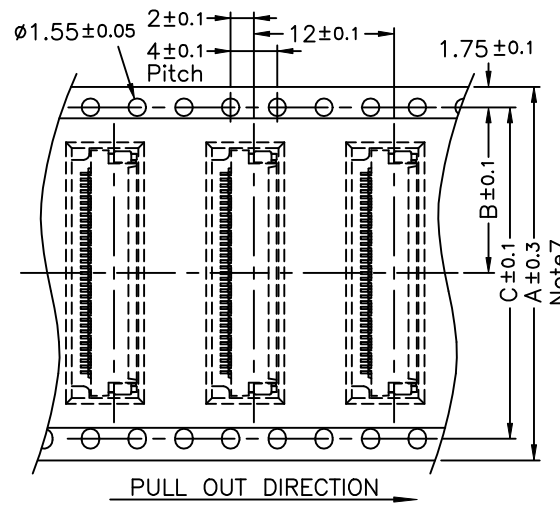
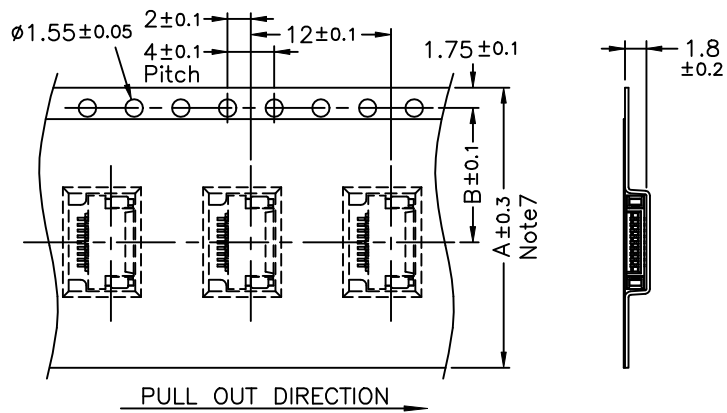
EMBOSSED TAPE PACKING BL121 SERIES RIGHT ANGLE TYPE

| REV. | ECN NO. | DATE |
|------|----------|-----------|
| A | RELEASED | 12/12/'03 |
| B | 403001 | 3/25/'04 |



Note:

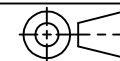
- 1.10 sprocket hole pitch cumulative tolerance ± 0.2 .
2. Carrier camber is within 1 mm in 250mm.
3. Material : Black Conductive Polystyrene Alloy
100% recyclable.
4. All dimensions meet EIA-481-B requirements.
5. Thickness : 0.3 ± 0.05 mm.
6. Component load per 13'' reel : 2500pcs.
7. For tape width (dimension A) 16mm and 24mm a pilot hole is provided on one side.
For tape width (dimension A) 32/44 and 56mm pilot holes are provided on both sides.



Note7

| No. of Contacts | Catalog Number | DIM. A | DIM. B | DIM. C |
|-----------------|----------------|--------|--------|--------|
| 4 | BL121-04R | 16 | 7.5 | — |
| 10 | BL121-10R | | | |
| 11 | BL121-11R | 24 | 11.5 | — |
| 26 | BL121-26R | | | |
| 27 | BL121-27R | 32 | 14.2 | 28.4 |
| 36 | BL121-36R | | | |
| 37 | BL121-37R | 44 | 20.2 | 40.4 |
| 56 | BL121-56R | | | |
| 57 | BL121-57R | 56 | 26.2 | 52.4 |
| 60 | BL121-60R | | | |

| TOLERANCE UNLESS SPECIFIED | | REV. | B | DR. BY | Bonnie Li | MATERIAL | See Note3 |
|----------------------------|-------|-------|-----|---------|-----------|----------|-----------|
| LINEAR | ANGLE | SHEET | 2/2 | CHK. BY | S.T.LIN | FINISH | |
| .X | .X | SCALE | | APP. BY | S.T.LIN | DATE | 3/25/'04 |
| .XX | .X | UNIT | mm | | | PART NO. | BL121-xxR |
| .XXX | | | | | | | |



TITLE 0.5mm Pitch FPC/FFC Connector
DWG NO. C1/BOOK/BOOK/BL121/HP