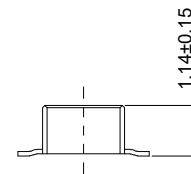
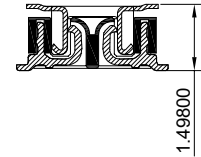
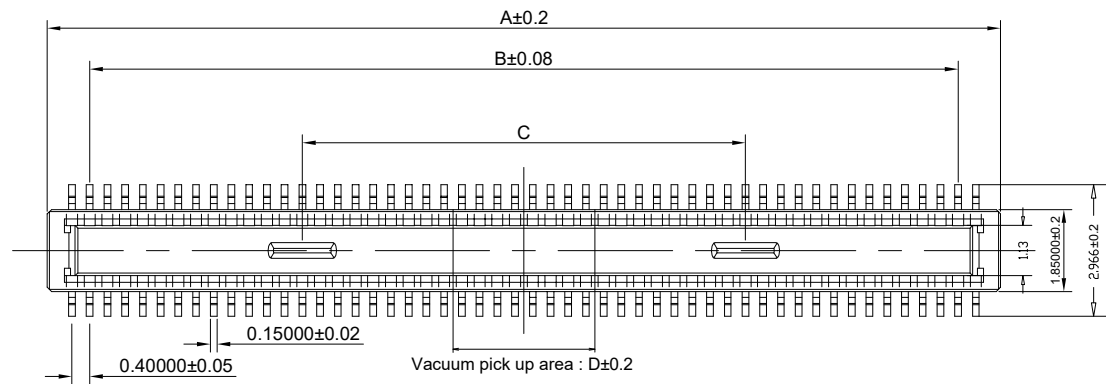
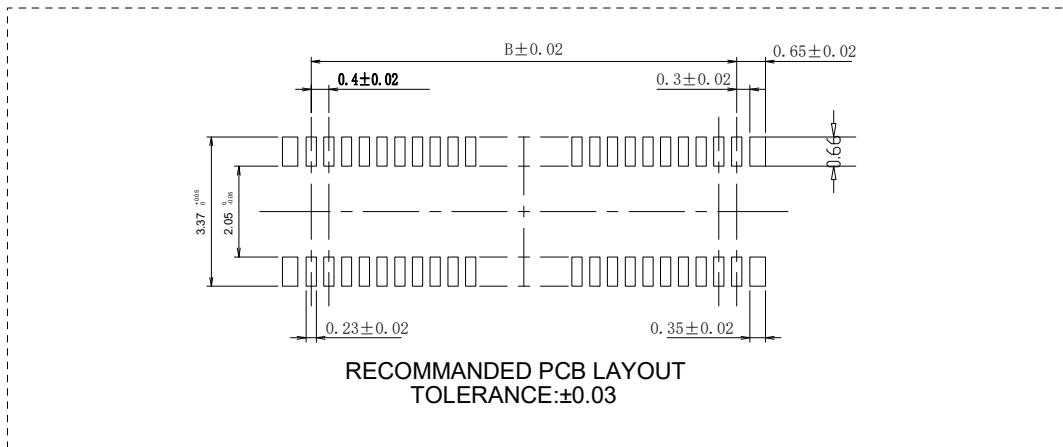


| REV. | ECN No. | DATE |
|------|-------------|------------|
| D | ED-1108-004 | 2023.07.11 |



DRK BM 04 *** 15 **

Company
BTB Conn:Male
Series
Position Number:***Pin
Mate Height:1.5mm
Plating



| PIN | 10 | 12 | 20 | 24 | 30 | 34 | 40 | 44 | 50 | 60 | 70 | 80 | 90 | 100 | 120 |
|-----|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| A | 3.52 | 3.92 | 5.52 | 6.32 | 7.52 | 8.32 | 9.52 | 10.32 | 11.52 | 13.52 | 15.52 | 17.52 | 19.52 | 21.52 | 25.52 |
| B | 1.60 | 2.00 | 3.60 | 4.40 | 5.60 | 6.40 | 7.60 | 8.40 | 9.60 | 11.60 | 13.60 | 15.60 | 17.60 | 19.60 | 23.60 |
| C | - | - | 1.93 | 2.43 | 3.18 | 3.68 | 5.08 | 5.86 | 5.50 | 6.00 | 7.00 | 8.00 | 9.00 | 10.00 | 14.00 |
| D | 1.00 | 1.00 | 1.00 | 1.20 | 1.50 | 2.30 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 |

- NOTES -

1. MATERIAL SEE TABLE;

2. ELECTRICAL PERFORMANCES:

2-1.RATED CURRENT:0.3A;

2-2.CONTACT RESISTANCE: 90 mΩ Max. with AC 20mV, 1kHz and 1mA.;

2-3.INSULATION RESISTANCE: 50MΩ min. with DC 100v.;

2-4.WITHSTANDING VOLTAGE: 100 VAC FOR 1 MINUTE MIN.;


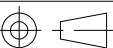
3. MECHANICAL PERFORMANCES:

3-1.DURABILITY:30 CYCLES;

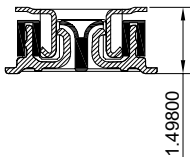
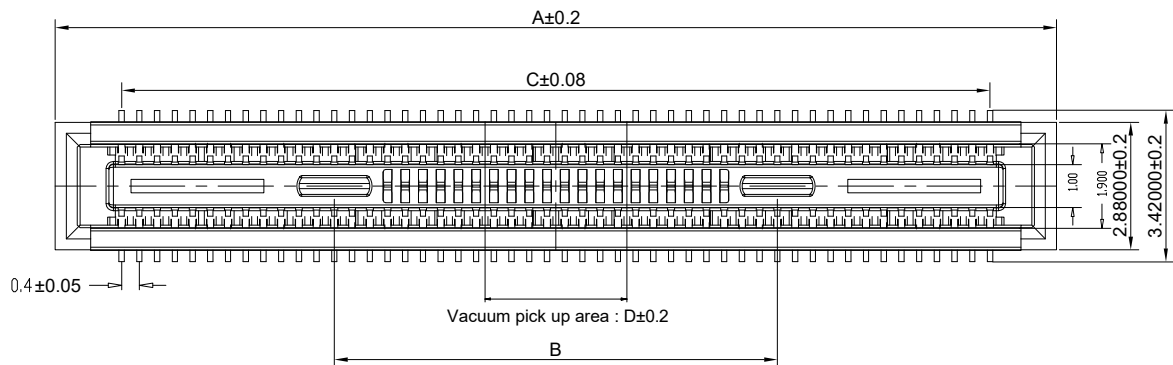
3-2.OPERATION TEMPERATURE:-55° To +125°C;

3-3.NORMAL INSERT FORCE AT MATED POSITION:5N MAX;

| 2 | Housing | 1 | LCP | Glass:30% | Black |
|------|-----------|------|----------|--|--------|
| 1 | Terminal | N | C5191H | NI 50~90u"UNDERPLATING, GOLD FLASH OVER ALL | |
| ITEM | Part Name | Q'TY | MATERIAL | FINISH | REMARK |

| TOLERANCE UNLESS SPECIFIED | | UNITS: mm | NAME(INTENDED USE) |  东莞市特雷卡精密技术有限公司 DongGuan Draka Precision Technology Co.,Ltd. |
|--|----------|-----------|--------------------------|--|
| LINEAR | ANGLE | MAT'L: | 0.4MM BTB 1.5H Male Conn | |
| .X ± 0.25 | .X° XX | SEE NOTES | PART NO.(INTENDED USE) | TITLE: 0.4MM BTB 1.5H Male Conn Customer Drawing |
| .XX ± 0.15 | .XX° XX | | DRKBM04***150* | |
| .XXX ± 0.10 | .XXX° XX | SEE NOTES | APPD: | DWG NO.: DRKBM04001510-C |
| THE DRAWING AND SPECIFICATION ARE THE PROPERTY OF DRAKA ELE&TEC CO.,LTD. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF DONGGUAN DRAKA ELE&TEC CO.,LTD | | Weight: | CHKD: | |
| | | | DR: F Pan |  |
| | | | | |
| | | | | SCALE: 5:1 |
| | | | | SHEET: 1/1 |
| | | | | REV: C |

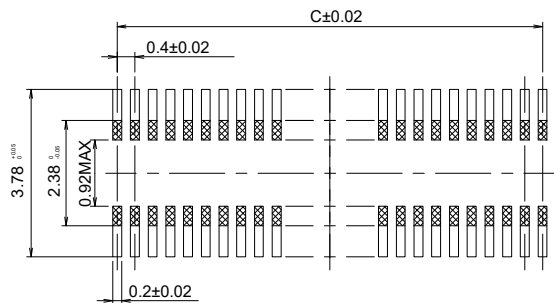
| REV. | ECN No. | DATE |
|------|-------------|------------|
| D | ED-1108-004 | 2023.07.11 |



DRK B F 04 *** 15 **
Company
BTB Conn:Female
Series
Position Number:***Pin
Mate Height:1.5mm
Plating


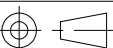
- NOTES -
1. MATERIAL SEE TABLE;
2. ELECTRICAL PERFORMANCES:
2-1.RATED CURRENT:0.3A;
2-2.CONTACT RESISTANCE: 90 mΩ Max. with AC 20mV, 1kHz and 1mA
2-3.INSULATION RESISTANCE: 50MΩ min. with DC 100v
3. MECHANICAL PERFORMANCES:
3-1.DURABILITY:30 CYCLES;
3-2.OPERATION TEMPERATURE:-55° To +125°C;

| PIN | 10 | 12 | 20 | 24 | 30 | 34 | 40 | 44 | 50 | 60 | 70 | 80 | 90 | 100 | 120 |
|-----|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| A | 4.60 | 5.00 | 6.60 | 7.40 | 8.60 | 9.40 | 10.60 | 11.40 | 12.60 | 14.60 | 16.60 | 18.60 | 20.60 | 22.60 | 26.60 |
| B | - | - | 1.93 | 2.43 | 3.18 | 3.68 | 5.08 | 5.86 | 5.50 | 6.00 | 7.00 | 8.00 | 9.00 | 10.00 | 14.00 |
| C | 1.60 | 2.00 | 3.60 | 4.40 | 5.60 | 6.40 | 7.60 | 8.40 | 9.60 | 11.60 | 13.60 | 15.60 | 17.60 | 19.60 | 23.60 |
| D | 1.00 | 1.00 | 1.00 | 1.20 | 1.50 | 2.30 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 |

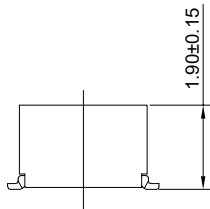
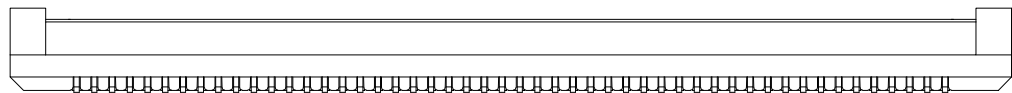
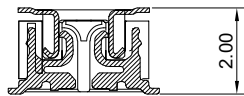
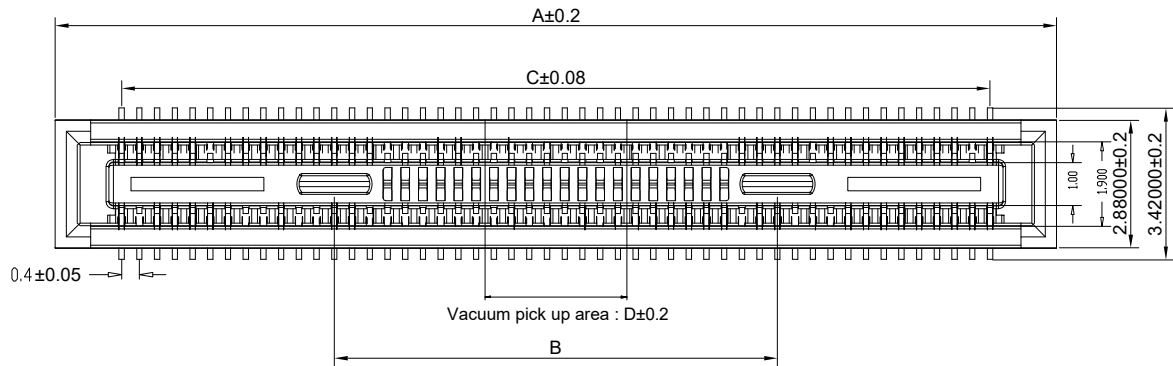


RECOMMENDED PCB LAYOUT
TOLERANCE:±0.03
(Without reinforcing metal fitting)

| 2 | Housing | 1 | LCP | Glass:30% | Black |
|------|-----------|------|----------|--|--------|
| 1 | Terminal | N | C5240ESH | Ni 50~90u"UNDERPLATING, GOLD FLASH OVER ALL | |
| ITEM | Part Name | Q'TY | MATERIAL | FINISH | REMARK |

| | | | | |
|--|----------|-----------|--|--|
| TOLERANCE UNLESS SPECIFIED | | UNITS: mm | NAME(INTENDED USE) 0.4MM BTB 1.5H Female Conn |  东莞市特雷卡精密技术有限公司 DongGuan Draka Precision Technology Co.,Ltd. |
| LINEAR | ANGLE | MAT'L: | | |
| .X ± 0.25 | .X° XX | SEE NOTES | PART NO.(INTENDED USE) DRKBF04**150* | TITLE: 0.4MM BTB 1.5H Female Conn Customer Drawing |
| .XX ± 0.15 | .XX° XX | | APPD: | |
| .XXX ± 0.10 | .XXX° XX | SEE NOTES | CHKD: | DWG NO.: DRKBF04001510-C |
| THE DRAWING AND SPECIFICATION ARE THE PROPERTY OF DRAKA ELE&TEC CO.,LTD. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF DONGGUAN DRAKA ELE&TEC CO.,LTD | | Weight: | DR:P F | |
| | | | |  SCALE: 5:1 SHEET: 1/1 REV.: C |

| REV. | ECN No. | DATE |
|------|-------------|------------|
| D | ED-1108-004 | 2023.07.11 |

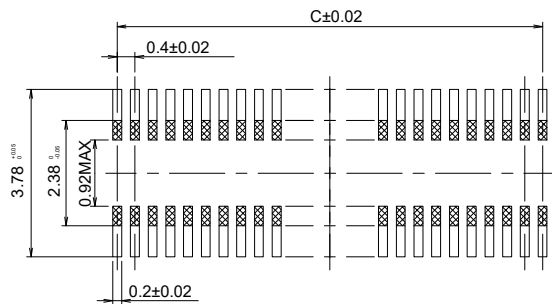


DRK B F 04 *** 20 **

Company
BTB Conn:Female
Series
Position Number:***Pin
Mate Height:2.0mm
Plating

- NOTES -


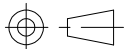
1. MATERIAL SEE TABLE;
2. ELECTRICAL PERFORMANCES:
2-1.RATED CURRENT:0.3A;
2-2.CONTACT RESISTANCE: 90 mΩ Max. with AC 20mV, 1kHz and 1mA
2-3.INSULATION RESISTANCE: 50MΩ min. with DC 100v
3. MECHANICAL PERFORMANCES:
3-1.DURABILITY:30 CYCLES;
3-2.OPERATION TEMPERATURE:-55° To +125°C;



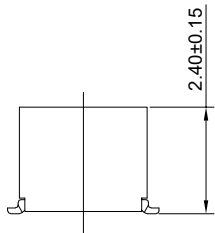
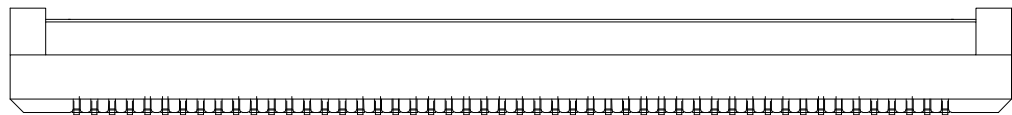
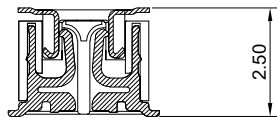
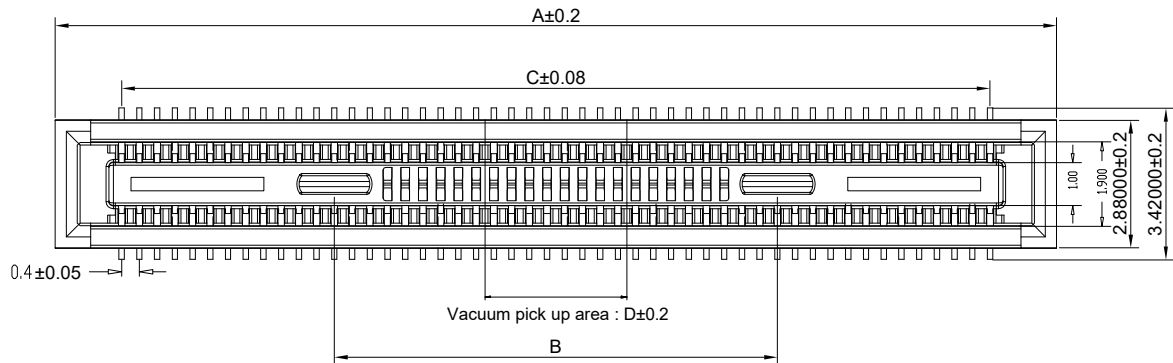
RECOMMANED PCB LAYOUT
TOLERANCE:±0.03
(Without reinforcing metal fitting)

| PIN | 10 | 12 | 20 | 24 | 30 | 34 | 40 | 44 | 50 | 60 | 70 | 80 | 90 | 100 | 120 |
|-----|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| A | 4.60 | 5.00 | 6.60 | 7.40 | 8.60 | 9.40 | 10.60 | 11.40 | 12.60 | 14.60 | 16.60 | 18.60 | 20.60 | 22.60 | 26.60 |
| B | - | - | 1.93 | 2.43 | 3.18 | 3.68 | 5.08 | 5.86 | 5.50 | 6.00 | 7.00 | 8.00 | 9.00 | 10.00 | 14.00 |
| C | 1.60 | 2.00 | 3.60 | 4.40 | 5.60 | 6.40 | 7.60 | 8.40 | 9.60 | 11.60 | 13.60 | 15.60 | 17.60 | 19.60 | 23.60 |
| D | 1.00 | 1.00 | 1.00 | 1.20 | 1.50 | 2.30 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 |

| 2 | Housing | 1 | LCP | Glass:30% | Black |
|------|-----------|------|----------|--|--------|
| 1 | Terminal | N | C5240ESH | Ni 50~90u"UNDERPLATING, GOLD FLASH OVER ALL | |
| ITEM | Part Name | Q'TY | MATERIAL | FINISH | REMARK |

| TOLERANCE UNLESS SPECIFIED | | UNITS: mm | NAME(INTENDED USE) |  东莞市特雷卡精密技术有限公司 DongGuan Draka Precision Technology Co.,Ltd. | | |
|---|---------|-----------|---|--|-------|------|
| LINEAR | ANGLE | MAT'L: | 0.4MM BTB 2.0H Female Conn | TITLE: 0.4MM BTB 2.0H Female Conn Customer Drawing | | |
| .X ± 0.25 | .X° XX | SEE NOTES | PART NO.(INTENDED USE) | | | |
| .XX ± 0.15 | .X° XX | | DRKBF04**200* | | | |
| .XXX ± 0.10 | .XX° XX | FINISH: | APPD: | DWG NO.: DRKBF04002010-C | | |
| THE DRAWING AND SPECIFICATION ARE THE PROPERTY OF DRAKA ELE&TEC CO.,LTD. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF DONGGUAN DRAKA ELE&TEC CO.,LTD | | SEE NOTES | | | | |
| | | Weight: | CHKD: | | | |
| | | | DR:P F | | | |
| | | |  | SCALE | SHEET | REV. |
| | | | | 5:1 | 1/1 | C |

| REV. | ECN No. | DATE |
|------|-------------|------------|
| D | ED-1108-004 | 2023.07.11 |

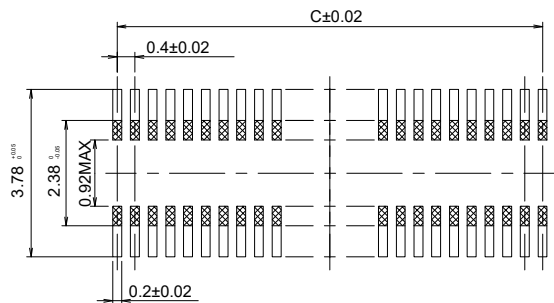


DRK B F 04 *** 25 **

Company
BTB Conn:Female
Series
Position Number:***Pin
Mate Height:2.5mm
Plating

- NOTES -


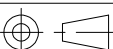
1. MATERIAL SEE TABLE;
2. ELECTRICAL PERFORMANCES:
2-1.RATED CURRENT:0.3A;
2-2.CONTACT RESISTANCE: 90 mΩ Max. with AC 20mV, 1kHz and 1mA
2-3.INSULATION RESISTANCE: 50MΩ min. with DC 100v
3. MECHANICAL PERFORMANCES:
3-1.DURABILITY:30 CYCLES;
3-2.OPERATION TEMPERATURE:-55° To +125°C;



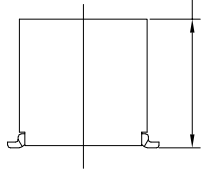
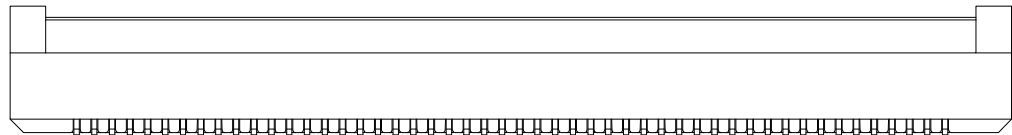
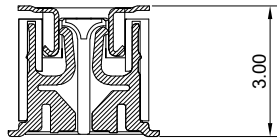
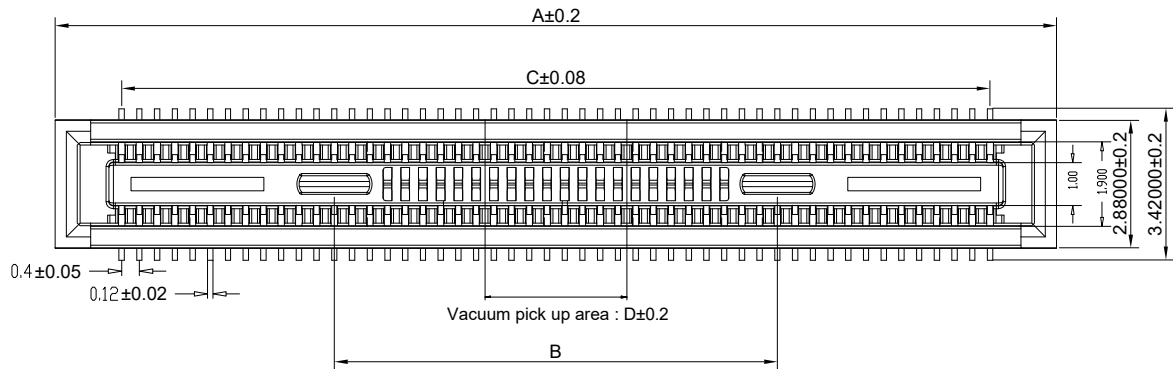
RECOMMANDED PCB LAYOUT
TOLERANCE:±0.03
(Without reinforcing metal fitting)

| PIN | 10 | 12 | 20 | 24 | 30 | 34 | 40 | 44 | 50 | 60 | 70 | 80 | 90 | 100 | 120 |
|-----|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| A | 4.60 | 5.00 | 6.60 | 7.40 | 8.60 | 9.40 | 10.60 | 11.40 | 12.60 | 14.60 | 16.60 | 18.60 | 20.60 | 22.60 | 26.60 |
| B | - | - | 1.93 | 2.43 | 3.18 | 3.68 | 5.08 | 5.86 | 5.50 | 6.00 | 7.00 | 8.00 | 9.00 | 10.00 | 14.00 |
| C | 1.60 | 2.00 | 3.60 | 4.40 | 5.60 | 6.40 | 7.60 | 8.40 | 9.60 | 11.60 | 13.60 | 15.60 | 17.60 | 19.60 | 23.60 |
| D | 1.00 | 1.00 | 1.00 | 1.20 | 1.50 | 2.30 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 |

| 2 | Housing | 1 | LCP | Glass:30% | Black |
|------|-----------|------|----------|--|--------|
| 1 | Terminal | N | C5240ESH | Ni 50~90u"UNDERPLATING, GOLD FLASH OVER ALL | |
| ITEM | Part Name | Q'TY | MATERIAL | FINISH | REMARK |

| TOLERANCE UNLESS SPECIFIED | | UNITS: mm | NAME(INTENDED USE) |  东莞市特雷卡精密技术有限公司 DongGuan Draka Precision Technology Co.,Ltd. | | |
|--|----------|-----------|----------------------------|--|-------|------|
| LINEAR | ANGLE | MAT'L: | 0.4MM BTB 2.5H Female Conn | TITLE: 0.4MM BTB 2.5H Female Conn Customer Drawing | | |
| .X ± 0.25 | .X° XX | SEE NOTES | PART NO.(INTENDED USE) | | | |
| .XX ± 0.15 | .XX° XX | | DRKBF04**250* | | | |
| .XXX ± 0.10 | .XXX° XX | FINISH: | APPD: | DWG NO.: DRKBF04002510-C | | |
| THE DRAWING AND SPECIFICATION ARE THE PROPERTY OF DRAKA ELE&TEC CO.,LTD. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF DONGGUAN DRAKA ELE&TEC CO.,LTD | | SEE NOTES | CHKD: | | | |
| | | Weight: | DR:P F |  | | |
| | | | | SCALE | SHEET | REV. |
| | | | | 5:1 | 1/1 | C |

| REV. | ECN No. | DATE |
|------|-------------|------------|
| D | ED-1108-004 | 2023.07.11 |

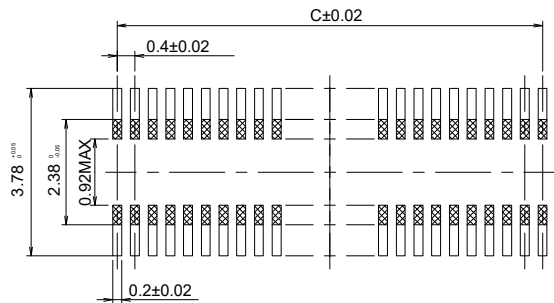


DRK B F 04 *** 30 **

Company
BTB Conn:Female
Series
Position Number:***Pin
Mate Height:3.0mm
Plating

- NOTES -


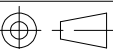
1. MATERIAL SEE TABLE;
2. ELECTRICAL PERFORMANCES:
2-1.RATED CURRENT:0.3A;
2-2.CONTACT RESISTANCE: 90 mΩ Max. with AC 20mV, 1kHz and 1mA
2-3.INSULATION RESISTANCE: 50MΩ min. with DC 100v
3. MECHANICAL PERFORMANCES:
3-1.DURABILITY:30 CYCLES;
3-2.OPERATION TEMPERATURE:-55° To +125°C;

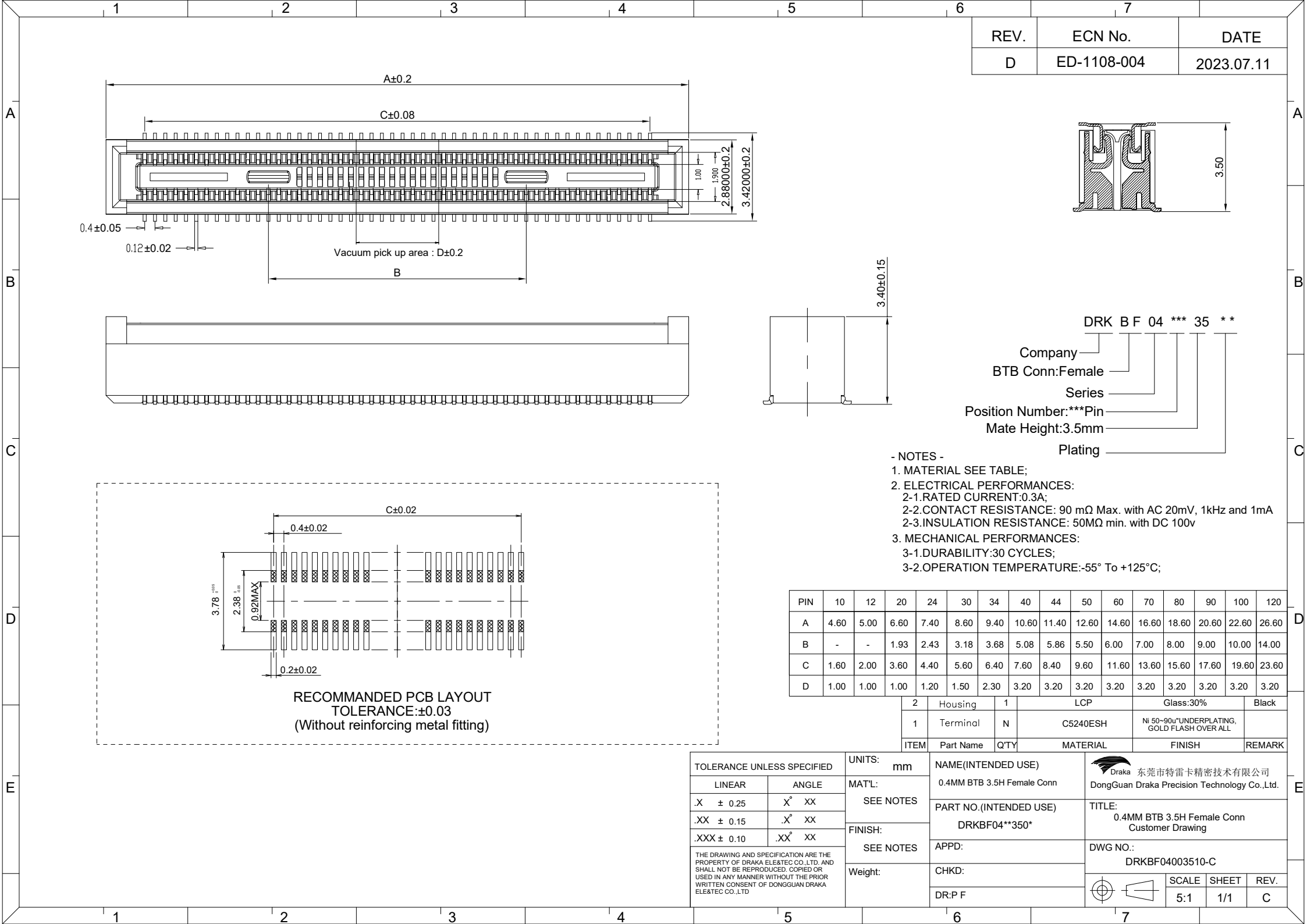


RECOMMANED PCB LAYOUT
TOLERANCE:±0.03
(Without reinforcing metal fitting)

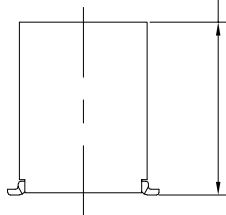
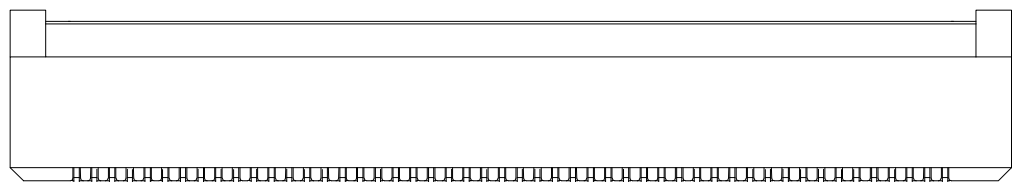
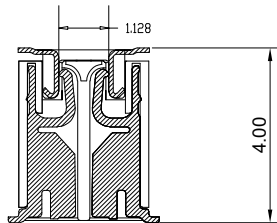
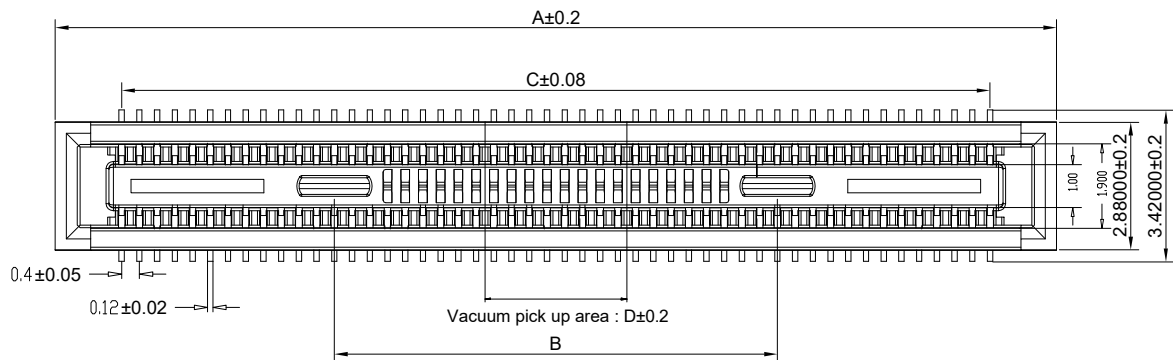
| PIN | 10 | 12 | 20 | 24 | 30 | 34 | 40 | 44 | 50 | 60 | 70 | 80 | 90 | 100 | 120 |
|-----|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| A | 4.60 | 5.00 | 6.60 | 7.40 | 8.60 | 9.40 | 10.60 | 11.40 | 12.60 | 14.60 | 16.60 | 18.60 | 20.60 | 22.60 | 26.60 |
| B | - | - | 1.93 | 2.43 | 3.18 | 3.68 | 5.08 | 5.86 | 5.50 | 6.00 | 7.00 | 8.00 | 9.00 | 10.00 | 14.00 |
| C | 1.60 | 2.00 | 3.60 | 4.40 | 5.60 | 6.40 | 7.60 | 8.40 | 9.60 | 11.60 | 13.60 | 15.60 | 17.60 | 19.60 | 23.60 |
| D | 1.00 | 1.00 | 1.00 | 1.20 | 1.50 | 2.30 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 |

| 2 | Housing | 1 | LCP | Glass:30% | Black |
|------|-----------|------|----------|--|--------|
| 1 | Terminal | N | C5240ESH | Ni 50~90u"UNDERPLATING, GOLD FLASH OVER ALL | |
| ITEM | Part Name | Q'TY | MATERIAL | FINISH | REMARK |

| | | | | | |
|---|----------|-----------|----------------------------|--|------------------------------------|
| TOLERANCE UNLESS SPECIFIED | | UNITS: mm | NAME(INTENDED USE) |  东莞市特雷卡精密技术有限公司 DongGuan Draka Precision Technology Co.,Ltd. | |
| LINEAR | ANGLE | MAT'L: | 0.4MM BTB 3.0H Female Conn | | |
| .X ± 0.25 | .X° XX | SEE NOTES | PART NO.(INTENDED USE) | TITLE: | |
| .XX ± 0.15 | .XX° XX | | DRKBF04***300* | 0.4MM BTB 3.0H Female Conn Customer Drawing | |
| .XXX ± 0.10 | .XXX° XX | FINISH: | APPD: | DWG NO.: | |
| THE DRAWING AND SPECIFICATION ARE THE PROPERTY OF DRAKA ELE&TEC CO.,LTD. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF DONGGUAN DRAKA ELE&TEC CO.,LTD | | SEE NOTES | CHKD: | DRKBF04003010-C | |
| | | Weight: | DR:P F | | |
| | | | |  | SCALE: 5:1 SHEET: 1/1 REV: C |



| REV. | ECN No. | DATE |
|------|-------------|------------|
| D | ED-1108-004 | 2023.07.11 |

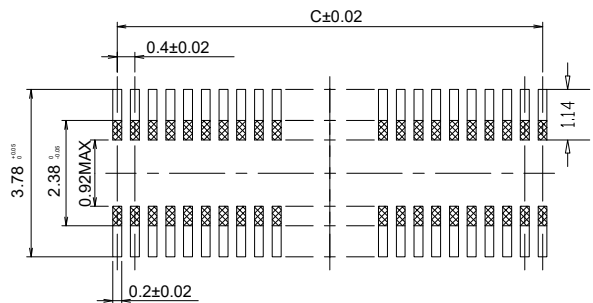


DRK B F 04 *** 40 **

Company
BTB Conn:Female
Series
Position Number:***Pin
Mate Height:4.0mm
Plating

- NOTES -


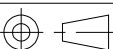
1. MATERIAL SEE TABLE;
2. ELECTRICAL PERFORMANCES:
 - 2-1.RATED CURRENT:0.3A;
 - 2-2.CONTACT RESISTANCE: 90 mΩ Max. with AC 20mV, 1kHz and 1mA
 - 2-3.INSULATION RESISTANCE: 50MΩ min. with DC 100v
3. MECHANICAL PERFORMANCES:
 - 3-1.DURABILITY:30 CYCLES;
 - 3-2.OPERATION TEMPERATURE:-55° To +125°C;



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.03
(Without reinforcing metal fitting)

| PIN | 10 | 12 | 20 | 24 | 30 | 34 | 40 | 44 | 50 | 60 | 70 | 80 | 90 | 100 | 120 |
|-----|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| A | 4.60 | 5.00 | 6.60 | 7.40 | 8.60 | 9.40 | 10.60 | 11.40 | 12.60 | 14.60 | 16.60 | 18.60 | 20.60 | 22.60 | 26.60 |
| B | - | - | 1.93 | 2.43 | 3.18 | 3.68 | 5.08 | 5.86 | 5.50 | 6.00 | 7.00 | 8.00 | 9.00 | 10.00 | 14.00 |
| C | 1.60 | 2.00 | 3.60 | 4.40 | 5.60 | 6.40 | 7.60 | 8.40 | 9.60 | 11.60 | 13.60 | 15.60 | 17.60 | 19.60 | 23.60 |
| D | 1.00 | 1.00 | 1.00 | 1.20 | 1.50 | 2.30 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 | 3.20 |

| 2 | Housing | 1 | LCP | Glass:30% | Black |
|------|-----------|------|----------|--|--------|
| 1 | Terminal | N | C5240ESH | Ni 50~90u"UNDERPLATING, GOLD FLASH OVER ALL | |
| ITEM | Part Name | Q'TY | MATERIAL | FINISH | REMARK |

| | | | | | | |
|---|----------|-----------|----------------------------|--|-------|-------|
| TOLERANCE UNLESS SPECIFIED | | UNITS: mm | NAME(INTENDED USE) |  东莞市特雷卡精密技术有限公司 DongGuan Draka Precision Technology Co.,Ltd. | | |
| LINEAR | ANGLE | MAT'L: | 0.4MM BTB 4.0H Female Conn | TITLE: 0.4MM BTB 4.0H Female Conn Customer Drawing | | |
| .X ± 0.25 | .X° XX | SEE NOTES | PART NO.(INTENDED USE) | | | |
| .XX ± 0.15 | .XX° XX | | DRKBF04**400* | | | |
| .XXX ± 0.10 | .XXX° XX | FINISH: | APPD: | DWG NO.: | | |
| THE DRAWING AND SPECIFICATION ARE THE PROPERTY OF DRAKA ELE&TEC CO.,LTD. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF DONGGUAN DRAKA ELE&TEC CO.,LTD | | SEE NOTES | CHKD: | DRKBF04004010-C | | |
| | | Weight: | DR:P F |  | | |
| | | | | | SCALE | SHEET |
| | | | | 5:1 | 1/1 | C |