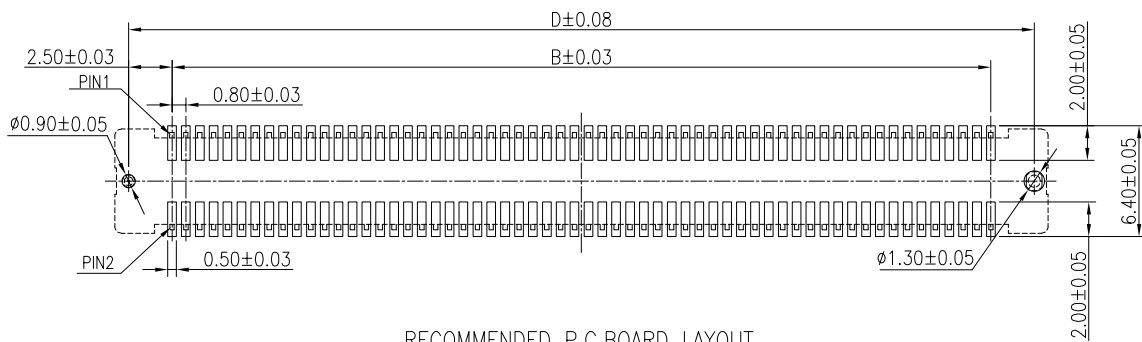
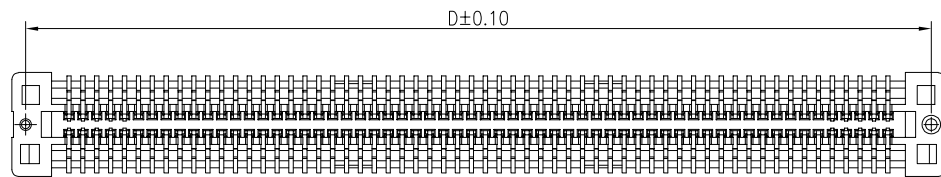
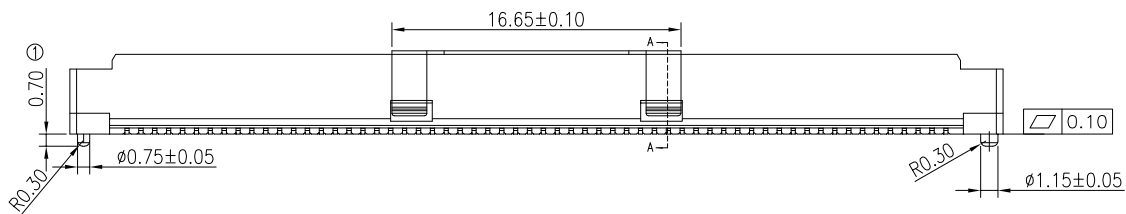
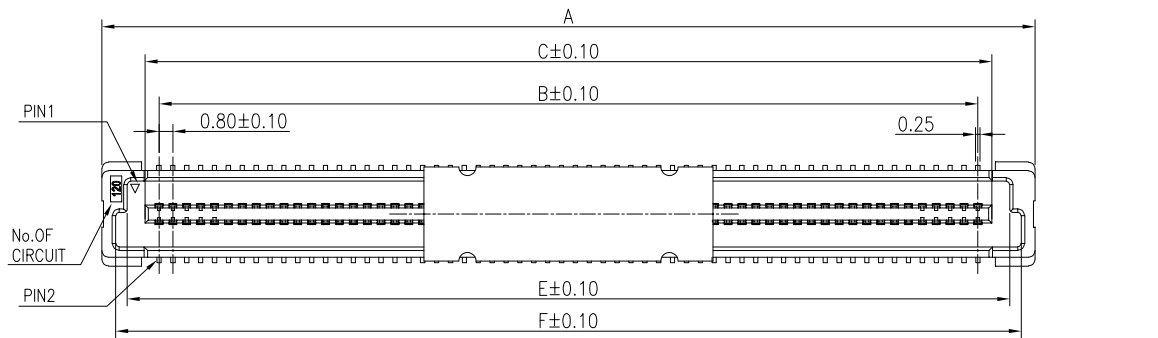
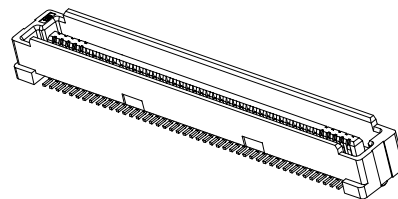
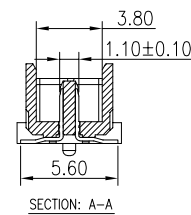
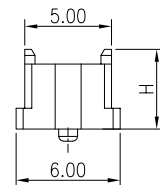
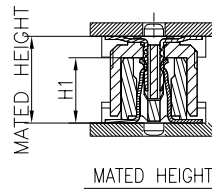




RECOMMENDED P.C.BOARD LAYOUT



3D VIEW

NOTES:

1.HUOSING: LCP HIGH-TEMP THERMOPLASTIC UL94V-0 COLOR:BEIGE

2.TERMINAL:BRASS

3.CODING INFORMATION:

LB5xx-GxxP-COR

PACKING: R: CARRIER REEL

STANDARD TYPE

COLOR:BEIGE

PLUG

PIN

PLATING: G:GOLD FLASH

3:CONTACT AREA PLATING3u"Min GOLD.

5:CONTACT AREA PLATING5u"Min GOLD.

D:CONTACT AREA PLATING15u"Min GOLD.

0.8 BTB

HEIGHT: 47-4.7H. 57-5.7H. 67-6.7H. 77-7.7H

LXWCONN BTB CONNECTOR SERIES

| SOCKET<br>H1 | MATED HEIGHT<br>PLUG H |      |      |      |
|--------------|------------------------|------|------|------|
|              | 4.7                    | 5.7  | 6.7  | 7.7  |
| 3.7          | 5.0                    | 6.0  | 7.0  | 8.0  |
| 7.7          | 9.0                    | 10.0 | 11.0 | 12.0 |
| 11.7         | 13.0                   | 14.0 | 15.0 | 16.0 |
| 15.7         | 17.0                   | 18.0 | 19.0 | 20.0 |

| NO.of<br>contacts | Dimensions |       |       |       |       |       |
|-------------------|------------|-------|-------|-------|-------|-------|
|                   | A          | B     | C     | D     | E     | F     |
| 40                | 21.80      | 15.20 | 16.80 | 20.20 | 18.86 | 20.21 |
| 50                | 25.80      | 19.20 | 20.80 | 24.20 | 22.86 | 24.21 |
| 60                | 29.80      | 23.20 | 24.80 | 28.20 | 26.86 | 28.21 |
| 80                | 37.80      | 31.20 | 32.80 | 36.20 | 34.86 | 36.21 |
| 100               | 45.80      | 39.20 | 40.80 | 44.20 | 42.86 | 44.21 |
| 120               | 53.80      | 47.20 | 48.80 | 52.20 | 50.86 | 52.21 |
| 140               | 61.80      | 55.20 | 46.80 | 60.20 | 58.86 | 60.21 |
| 160               | 69.80      | 63.20 | 64.80 | 68.20 | 66.86 | 68.21 |
| 180               | 77.80      | 71.20 | 72.80 | 76.20 | 74.86 | 76.21 |
| 200               | 85.80      | 79.20 | 80.80 | 84.20 | 82.86 | 84.21 |

**LXW** 连兴旺电子(深圳)有限公司  
connectivity LXWCONN ELECTRONICS(SHENZHEN) CO., LTD

|            |                     |              |                                |
|------------|---------------------|--------------|--------------------------------|
| 制图 (OR):   | Kavin<br>2020.03.19 | 品名(TITLE):   | 0.8mm PITCH BTB CONNECTOR PLUG |
| 审核 (CHKD): |                     | 料号(PART NO): | LB5xx-GxxP-COR                 |
| 核准 (APPD): | Kavin<br>2020.03.19 | 比例(SCALE)    | 1:8                            |
|            |                     | 单位(UNITS)    | mm                             |
|            |                     | 张数(SHEET)    | 1 OF 1                         |
|            |                     | 图幅(SIZE)     | A4                             |

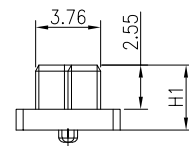
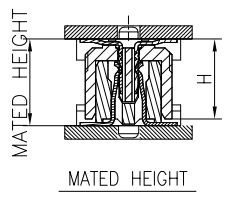
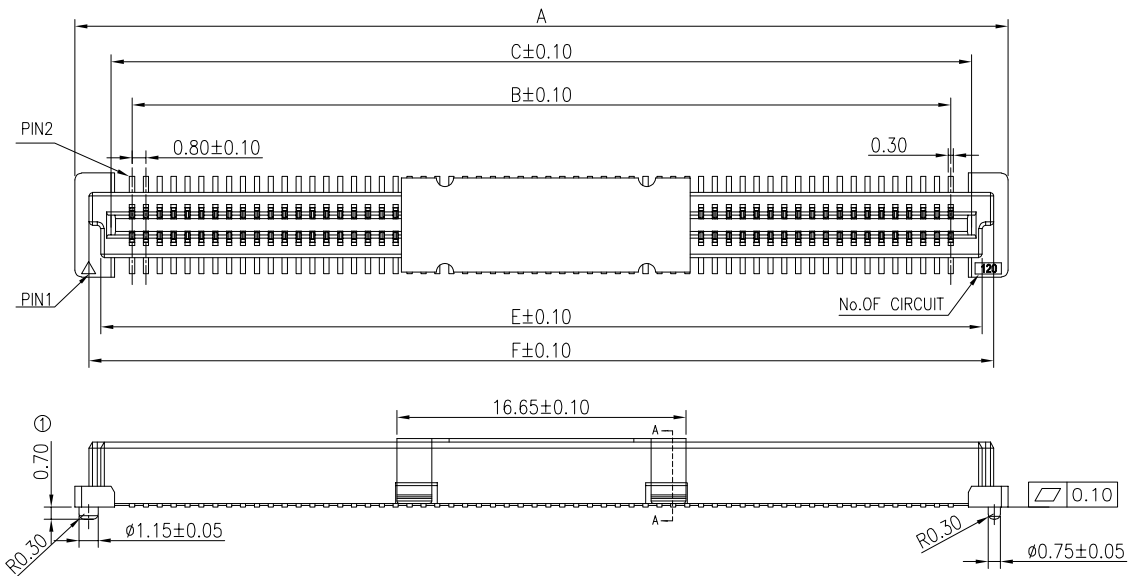
RoHS  
Compliant  
2012/RESC



|           |                              |                 |            |
|-----------|------------------------------|-----------------|------------|
| ①         | 改善定位柱容易断, 定位柱1.0mm改为0.70mm   | Tong            | 2020.03.19 |
| 修订<br>SER | 修改摘要<br>REVISION DESCRIPTION | 签名<br>SIGNATURE | 日期<br>DATE |

|                           |
|---------------------------|
| 一般公差<br>GENERAL TOLERANCE |
| .X ±0.25                  |
| .XX ±0.20                 |
| .XXX ±0.10                |
| ANGLES ±1°                |





#### NOTES:

1.HUOSING: LCP HIGH-TEMP THERMOPLASTIC UL94V-0 COLOR:BEIGE

2.TERMINAL:PHOSPHOR BRONZE

3.CODING INFORMATION:

LB5xx-GxxS-COR

PACKING: R: CARRIER REEL

STANDARD TYPE

COLOR:BEIGE

RECEPTACLE

PIN

PLATING: G:GOLD FLASH

3:CONTACT AREA PLATING3u"Min GOLD.

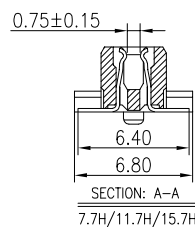
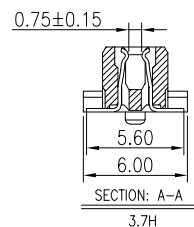
5:CONTACT AREA PLATING5u"Min GOLD.

D:CONTACT AREA PLATING15u"Min GOLD.

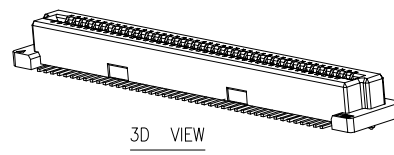
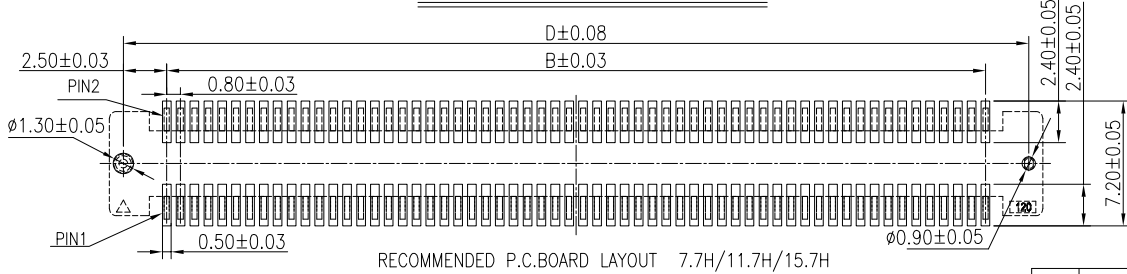
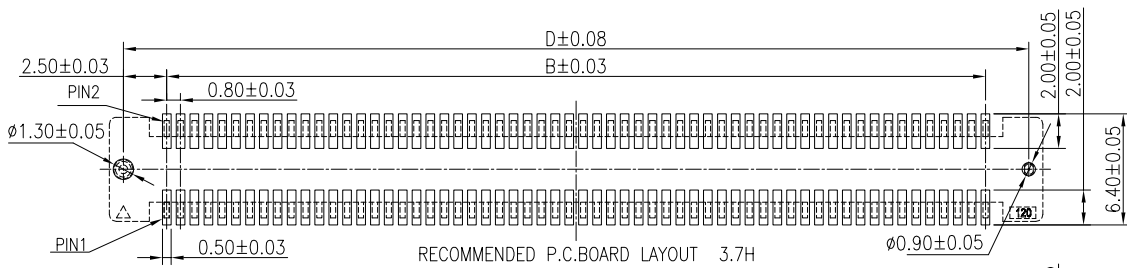
0.8 BTB

HEIGHT: 37-3.7H, 77-7.7H, A1-11.7H, A5-15.7H

LXWCONN BTB CONNECTOR SERIES



| MATED HEIGHT |        |      |      |      |  |
|--------------|--------|------|------|------|--|
| SOCKET<br>H1 | PLUG H |      |      |      |  |
|              | 4.7    | 5.7  | 6.7  | 7.7  |  |
| 3.7          | 5.0    | 6.0  | 7.0  | 8.0  |  |
| 7.7          | 9.0    | 10.0 | 11.0 | 12.0 |  |
| 11.7         | 13.0   | 14.0 | 15.0 | 16.0 |  |
| 15.7         | 17.0   | 18.0 | 19.0 | 20.0 |  |



| NO.of<br>contacts | Dimensions |       |       |       |       |       |
|-------------------|------------|-------|-------|-------|-------|-------|
|                   | A          | B     | C     | D     | E     | F     |
| 40                | 21.80      | 15.20 | 17.60 | 20.20 | 18.80 | 20.15 |
| 50                | 25.80      | 19.20 | 21.60 | 24.20 | 22.80 | 24.15 |
| 60                | 29.80      | 23.20 | 25.60 | 28.20 | 26.80 | 28.15 |
| 80                | 37.80      | 31.20 | 33.60 | 36.20 | 34.80 | 36.15 |
| 100               | 45.80      | 39.20 | 41.60 | 44.20 | 42.80 | 44.15 |
| 120               | 53.80      | 47.20 | 49.60 | 52.20 | 50.80 | 52.15 |
| 140               | 61.80      | 55.20 | 57.60 | 60.20 | 58.80 | 60.15 |
| 160               | 69.80      | 63.20 | 65.60 | 68.20 | 66.80 | 68.15 |
| 180               | 77.80      | 71.20 | 73.60 | 76.20 | 74.80 | 76.15 |
| 200               | 85.80      | 79.20 | 81.60 | 84.20 | 82.80 | 84.15 |



连兴旺电子(深圳)有限公司

connectivity

LXWCONN ELECTRONICS (SHENZHEN) CO., LTD

|            |                     |              |                                  |            |    |            |
|------------|---------------------|--------------|----------------------------------|------------|----|------------|
| 制图 (DR):   | Kavin<br>2020.03.19 | 品名(TITLE):   | 0.8mm PITCH BTB CONNECTOR SOCKET |            |    |            |
| 审核 (CHKD): |                     | 料号(PART NO): | LB5xx-GxxS-COR                   |            |    |            |
| 核准 (APPD): | Kavin<br>2020.03.19 | 比例(SCALE):   | 1:8                              | 单位(UNITS): | mm | 张数(SHEET): |
|            |                     |              |                                  |            |    | 1 OF 1     |
|            |                     |              |                                  |            |    | 图幅(SIZE):  |
|            |                     |              |                                  |            |    | A4         |

RoHS  
Compliant  
2012/REEC



|           |                              |                 |            |
|-----------|------------------------------|-----------------|------------|
| ①         | 改管定位柱容易断，定位柱1.0mm改为0.70mm    | Tong            | 2020.03.19 |
| 修订<br>SER | 修改摘要<br>REVISION DESCRIPTION | 签名<br>SIGNATURE | 日期<br>DATE |

一般公差  
GENERAL TOLERANCE  
.X ±0.25  
.XX ±0.20  
.XXX ±0.10  
ANGLES ±1°

