



技术指标:

1. 塑件表面应光洁、无毛边、无明显收缩、缺陷、裂纹等现象。
2. Operating Temperature 温度范围: -25°C~+85°C.
3. Voltage rating 额定电压: 60V, AC.
4. Contact Resistance 接触电阻: 60mΩ.
5. Insulation Resistance 绝缘电阻: 800MΩ.
6. Current rating 电流: 0.5A Max

公、母座-合高图

| Ass'y High(H) | Plastic High |           |      |      |
|---------------|--------------|-----------|------|------|
|               | Female (H1)  | Male (H2) | (F)  | (G)  |
| 3.00          |              | 0.80      | 4.00 | 1.60 |
| 3.50          | 2.20         | 1.30      |      |      |
| 4.00          | 3.00         | 1.00      | 1.90 | 8.00 |
| 4.50          | 3.50         | 1.00      |      |      |
| 5.00          | 3.00/4.00    | 2.00/1.00 |      |      |
| 5.50          | 4.50         | 1.00      |      |      |
| 6.00          | 4.00         | 2.00      | 4.40 | 8.00 |
| 6.50          | 4.50         | 2.00      |      |      |
| 7.00          | 3.00         |           | 4.40 | 8.00 |
| 7.50          | 3.50         |           |      |      |
| 8.00          | 4.00         |           |      |      |
| 8.50          | 4.50         |           |      |      |

| NO. of contacts | Dimensions |       |       |       |   | NO. of contacts | Dimensions |       |       |       |   |
|-----------------|------------|-------|-------|-------|---|-----------------|------------|-------|-------|-------|---|
|                 | A          | B     | C     | D     | E |                 | A          | B     | C     | D     | E |
| 8               | 4.70       | 1.50  | 2.50  | 3.40  |   | 58              | 17.20      | 14.00 | 15.00 | 15.90 |   |
| 10              | 5.20       | 2.00  | 3.00  | 3.90  |   | 60              | 17.70      | 14.50 | 15.50 | 16.40 |   |
| 12              | 5.70       | 2.50  | 3.50  | 4.40  |   | 62              | 18.20      | 15.00 | 16.00 | 16.90 |   |
| 14              | 6.20       | 3.00  | 4.00  | 4.90  |   | 64              | 18.70      | 15.50 | 16.50 | 17.40 |   |
| 16              | 6.70       | 3.50  | 4.50  | 5.40  |   | 66              | 19.20      | 16.00 | 17.00 | 17.90 |   |
| 18              | 7.20       | 4.00  | 5.00  | 5.90  |   | 68              | 19.70      | 16.50 | 17.50 | 18.40 |   |
| 20              | 7.70       | 4.50  | 5.50  | 6.40  |   | 70              | 20.20      | 17.00 | 18.00 | 18.90 |   |
| 22              | 8.20       | 5.00  | 6.00  | 6.90  |   | 72              | 20.70      | 17.50 | 18.50 | 19.40 |   |
| 24              | 8.70       | 5.50  | 6.50  | 7.40  |   | 74              | 21.20      | 18.00 | 19.00 | 19.90 |   |
| 26              | 9.20       | 6.00  | 7.00  | 7.90  |   | 76              | 21.70      | 18.50 | 19.50 | 20.40 |   |
| 28              | 9.70       | 6.50  | 7.50  | 8.40  |   | 78              | 22.20      | 19.00 | 20.00 | 20.90 |   |
| 30              | 10.20      | 7.00  | 8.00  | 8.90  |   | 80              | 22.70      | 19.50 | 20.50 | 21.40 |   |
| 32              | 10.70      | 7.50  | 8.50  | 9.40  |   | 82              | 23.20      | 20.00 | 21.00 | 21.90 |   |
| 34              | 11.20      | 8.00  | 9.00  | 9.90  |   | 84              | 23.70      | 20.50 | 21.50 | 22.40 |   |
| 36              | 11.70      | 8.50  | 9.50  | 10.40 |   | 86              | 24.20      | 21.00 | 22.00 | 22.90 |   |
| 38              | 12.20      | 9.00  | 10.00 | 10.90 |   | 88              | 24.70      | 21.50 | 22.50 | 23.40 |   |
| 40              | 12.70      | 9.50  | 10.50 | 11.40 |   | 90              | 25.20      | 22.00 | 23.00 | 23.90 |   |
| 42              | 13.20      | 10.00 | 11.00 | 11.90 |   | 92              | 25.70      | 22.50 | 23.50 | 24.40 |   |
| 44              | 13.70      | 10.50 | 11.50 | 12.40 |   | 94              | 26.20      | 23.00 | 24.00 | 24.90 |   |
| 46              | 14.20      | 11.00 | 12.00 | 12.90 |   | 96              | 26.70      | 23.50 | 24.50 | 25.40 |   |
| 48              | 14.70      | 11.50 | 12.50 | 13.40 |   | 98              | 27.20      | 24.00 | 25.00 | 25.90 |   |
| 50              | 15.20      | 12.00 | 13.00 | 13.90 |   | 100             | 27.70      | 24.50 | 25.50 | 26.40 |   |
| 52              | 15.70      | 12.50 | 13.50 | 14.40 |   |                 |            |       |       |       |   |
| 54              | 16.20      | 13.00 | 14.00 | 14.90 |   |                 |            |       |       |       |   |
| 56              | 16.70      | 13.50 | 14.50 | 15.40 |   |                 |            |       |       |       |   |

**Ordering Information**

HC-PBB 05 - \* - N - \* - H\* - \*\* - R - P - 04

PITCH: 05=0.5mm, 08=0.8mm, 08=0.8mm  
 1= 单槽, 2= 双槽  
 No. of Pins: 08=10Pin, 10=10Pin  
 Nature: M=Male  
 Plastic Height(H2): H2=4.0mm, H1=1.0mm, H1.3=1.3mm, H2.0=2.0mm, H4.0=4.0mm  
 Contact Plating: G11u" Gold  
 R-Reel Post: R-Cap (0.1mm)

| 序号 | 品名                   | 材质                   |
|----|----------------------|----------------------|
| ①  | 0.5 Pitch双槽立式 BTB 胶芯 | PA9T UL94 V-0, 颜色:黑色 |
| ②  | 0.5 Pitch双槽立式 BTB 端子 | 铜/表面镀金 GOLD FLASH    |
| ③  | 0.5 Pitch双槽立式 BTB 吸盖 | LCP UL94 V-0, 颜色:黑色  |

| GENERAL TOLERANCE |                     |                | 制图       | 06 |
|-------------------|---------------------|----------------|----------|----|
| DIM               | TOL                 |                | 审核       |    |
| X.X               | ±0.30               |                | CHECK    |    |
| X.XX              | ±0.20               |                | 批准       |    |
| X.XXX             | ±0.10               |                | APPROVAL |    |
| Angle             | ±3.0°               |                | 比例       |    |
| 1                 | 初版发行                |                | SCALE    |    |
| 序号 No.            | 变更内容 MODIFY CONTENT | 日期 MODIFY DATE | 投影       | ⊕  |

**深圳市华灿天禄电子有限公司**  
 ShenzhenhuacantianluELECTRONICS CO., LTD

|               |                             |          |     |
|---------------|-----------------------------|----------|-----|
| 产品名称 TITLE    | BTB 0.5 双槽 公座 立贴 带柱 编带+盖    | 版本 REV.  | A   |
| 产品料号 PART NO. | HC-PBB05-2-N-M-HX-G1-R-P-04 | 单位 UNITS | mm  |
| 材料 MATERIAL   |                             | 页次 SHEET | 1/1 |