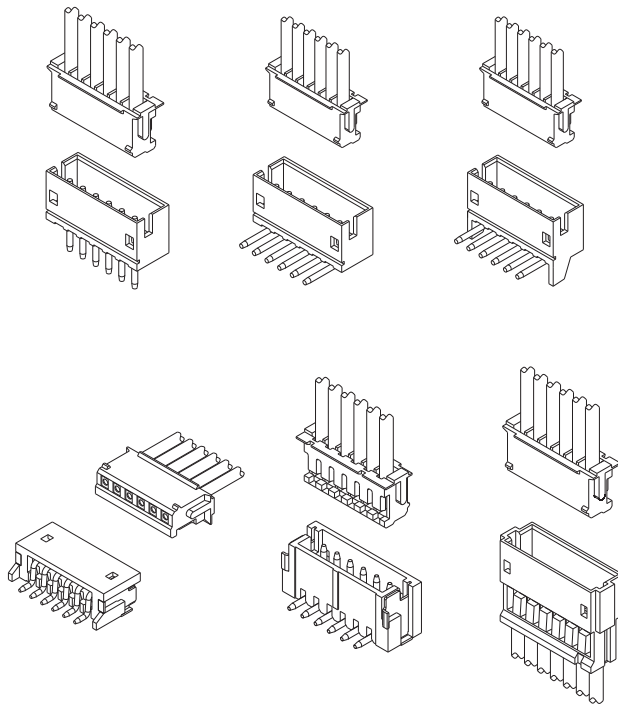




### 技术特性/Specifications:

额定电压 Rated voltage: 50V AC, DC  
 额定电流 Rated current: 1A AC, DC  
 接触电阻 Contact resistance: 20mΩ max  
 绝缘电阻 Insulation resistance: 500MΩ min  
 耐压 Withstand voltage: 500V AC/minute  
 环境温度 Ambient temperature: -35℃~+105℃  
 适用线规 Wire range: AWG#32~#26

### 标准/Standard:

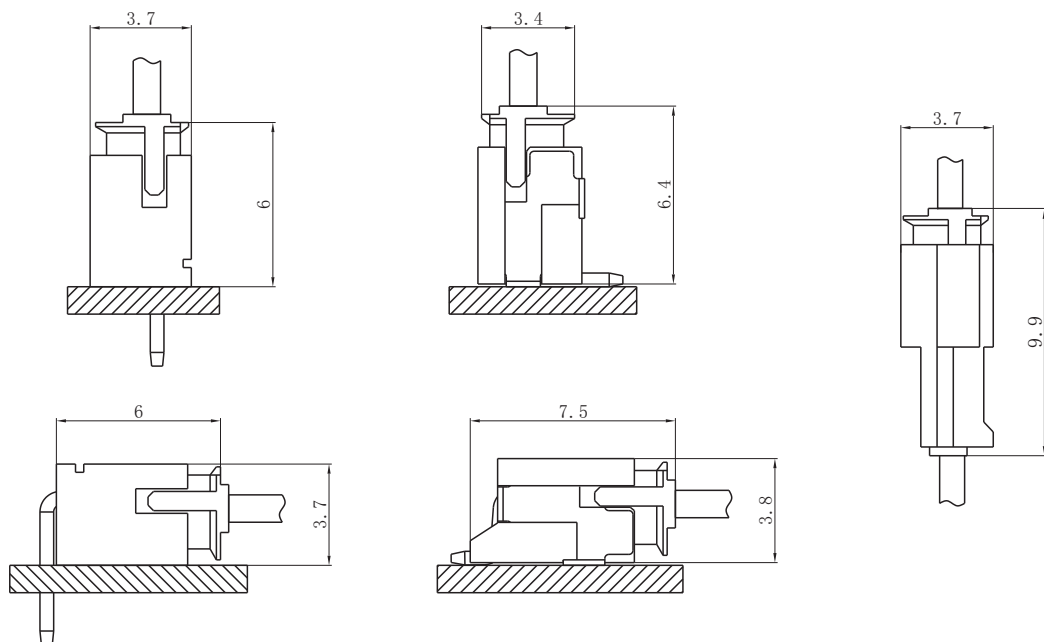


详细参数请咨询:

- E-mail: manager@zjdll.com
- E-mail: technical-support@zjdll.com
- WeChat: 13867778918

## PC电路板布局和组件布局 PC board layout and Assembly layout

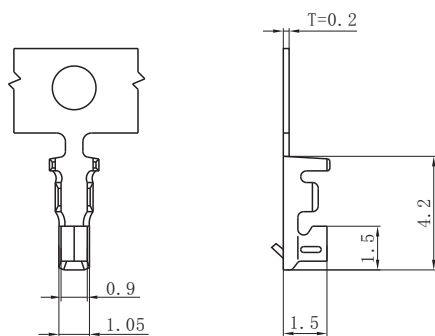
### □ Assembly layout (装配布局)



上图为消费者安装侧观察图

Notes: The above figure is the figure viewed from the connector mounting side.

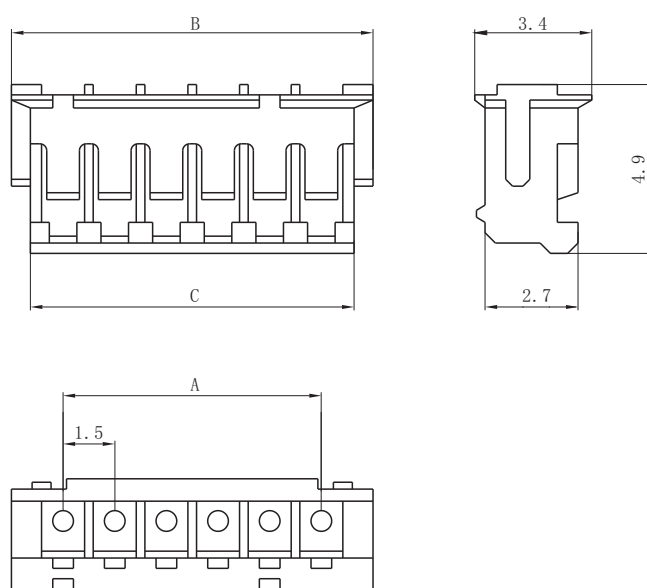
□ DL15001-T (ZH-T)



| Model No. (型号)       | Applicable wire (适用线规) |       |                          | Material (材料)         | Plating (电镀)    | Qty/reel (数量/盘) |
|----------------------|------------------------|-------|--------------------------|-----------------------|-----------------|-----------------|
|                      | mm <sup>2</sup>        | AWG#  | Insulation O.D. (绝缘外径mm) |                       |                 |                 |
| DL15001-T (ZH-T)     | 0.032~0.08             | 32~28 | φ 0.6~0.8                | Phosphor bronze (磷青铜) | Tin Plated (镀锡) | 10000           |
| DL15001-T-G (ZH-T-G) | 0.08~0.14              | 28~26 | φ 0.8~1.2                | Phosphor bronze (磷青铜) | Tin Plated (镀锡) | 10000           |
| DL15001-RT (ZH-RT)   | 0.032~0.14             | 32~26 | φ 0.6~1.2                | Phosphor bronze (磷青铜) | Tin Plated (镀锡) | 16000           |

符合RoHS标准  
RoHS compliance

□ DL15001-Y (ZH-Y)



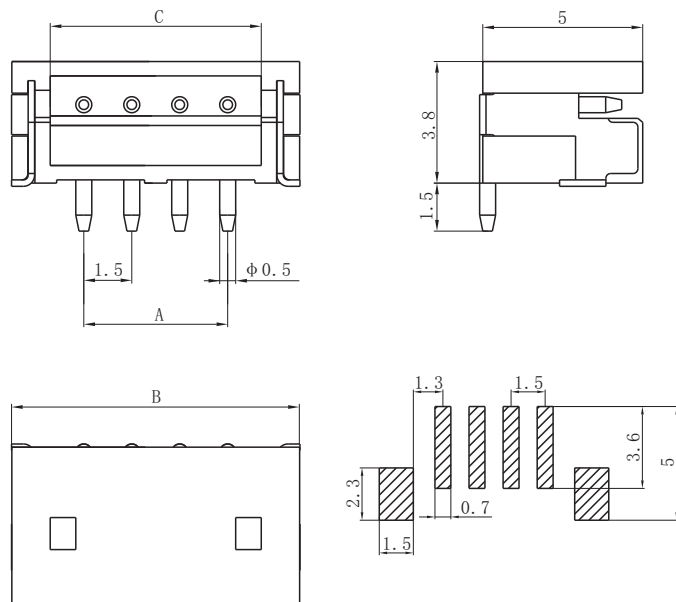
| Circuits<br>(电路) | Product name<br>(产品名称) | Dimensions (尺寸mm) |       |       |
|------------------|------------------------|-------------------|-------|-------|
|                  |                        | A                 | B     | C     |
| 2                | ZH-2Y                  | 1.50              | 4.50  | 3.40  |
| 3                | ZH-3Y                  | 3.00              | 6.00  | 4.90  |
| 4                | ZH-4Y                  | 4.50              | 7.50  | 6.40  |
| 5                | ZH-5Y                  | 6.00              | 9.00  | 7.90  |
| 6                | ZH-6Y                  | 7.50              | 10.50 | 9.40  |
| 7                | ZH-7Y                  | 9.00              | 12.00 | 10.90 |
| 8                | ZH-8Y                  | 10.50             | 13.50 | 12.40 |
| 9                | ZH-9Y                  | 12.00             | 15.00 | 13.90 |
| 10               | ZH-10Y                 | 13.50             | 16.50 | 15.40 |
| 11               | ZH-11Y                 | 15.00             | 18.00 | 16.90 |
| 12               | ZH-12Y                 | 16.50             | 19.50 | 18.40 |
| 13               | ZH-13Y                 | 18.00             | 21.00 | 19.90 |
| 14               | ZH-14Y                 | 19.50             | 22.50 | 21.40 |
| 15               | ZH-15Y                 | 21.00             | 24.00 | 22.90 |
| 16               | ZH-16Y                 | 22.50             | 25.50 | 24.40 |
| 17               | ZH-17Y                 | 24.00             | 27.00 | 25.90 |
| 18               | ZH-18Y                 | 25.50             | 28.50 | 27.40 |
| 19               | ZH-19Y                 | 27.00             | 30.00 | 28.90 |
| 20               | ZH-20Y                 | 28.50             | 31.50 | 30.40 |

Material (材料)

Housing (胶壳): Nylon (尼龙) UL94V-0 (2)

符合RoHS标准  
RoHS compliance

DL15001-AB (ZH-AB)



| Circuits<br>(电路) | Product name<br>(产品名称) | Dimensions (尺寸mm) |       |       |
|------------------|------------------------|-------------------|-------|-------|
|                  |                        | A                 | B     | C     |
| 2                | ZH-2AB                 | 1.50              | 6.00  | 3.60  |
| 3                | ZH-3AB                 | 3.00              | 7.50  | 5.10  |
| 4                | ZH-4AB                 | 4.50              | 9.00  | 6.60  |
| 5                | ZH-5AB                 | 6.00              | 10.50 | 8.10  |
| 6                | ZH-6AB                 | 7.50              | 12.00 | 9.60  |
| 7                | ZH-7AB                 | 9.00              | 13.50 | 11.10 |
| 8                | ZH-8AB                 | 10.50             | 15.00 | 12.60 |
| 9                | ZH-9AB                 | 12.00             | 16.50 | 14.10 |
| 10               | ZH-10AB                | 13.50             | 18.00 | 15.60 |
| 11               | ZH-11AB                | 15.00             | 19.50 | 17.10 |
| 12               | ZH-12AB                | 16.50             | 21.00 | 18.60 |
| 13               | ZH-13AB                | 18.00             | 22.50 | 20.10 |
| 14               | ZH-14AB                | 19.50             | 24.00 | 21.60 |
| 15               | ZH-15AB                | 21.00             | 25.50 | 23.10 |
| 16               | ZH-16AB                | 22.50             | 27.00 | 24.60 |
| 17               | ZH-17AB                | 24.00             | 28.50 | 26.10 |
| 18               | ZH-18AB                | 25.50             | 30.00 | 27.60 |
| 19               | ZH-19AB                | 27.00             | 31.50 | 29.10 |
| 20               | ZH-20AB                | 28.50             | 33.00 | 30.60 |

Material (材料)

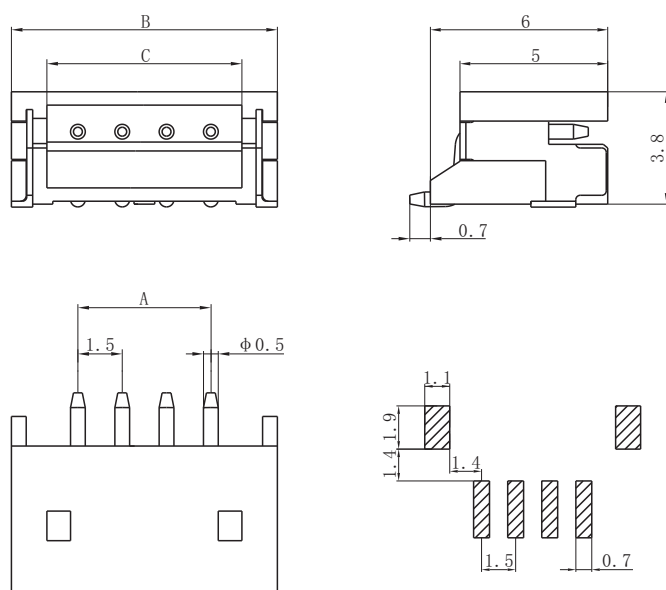
Housing (胶壳): LCP U194V-0

Wafer (接触件): Brass (黄铜) / Tin plated (镀锡)

Solder tabs (焊片): Brass (黄铜) / Tin plated (镀锡)

符合RoHS标准  
RoHS compliance

DL15001-AWB (ZH-AWB)



| Circuits<br>(电路) | Product name<br>(产品名称) | Dimensions (尺寸mm) |       |       |
|------------------|------------------------|-------------------|-------|-------|
|                  |                        | A                 | B     | C     |
| 2                | ZH-2AWB                | 1.50              | 6.00  | 3.60  |
| 3                | ZH-3AWB                | 3.00              | 7.50  | 5.10  |
| 4                | ZH-4AWB                | 4.50              | 9.00  | 6.60  |
| 5                | ZH-5AWB                | 6.00              | 10.50 | 8.10  |
| 6                | ZH-6AWB                | 7.50              | 12.00 | 9.60  |
| 7                | ZH-7AWB                | 9.00              | 13.50 | 11.10 |
| 8                | ZH-8AWB                | 10.50             | 15.00 | 12.60 |
| 9                | ZH-9AWB                | 12.00             | 16.50 | 14.10 |
| 10               | ZH-10AWB               | 13.50             | 18.00 | 15.60 |
| 11               | ZH-11AWB               | 15.00             | 19.50 | 17.10 |
| 12               | ZH-12AWB               | 16.50             | 21.00 | 18.60 |
| 13               | ZH-13AWB               | 18.00             | 22.50 | 20.10 |
| 14               | ZH-14AWB               | 19.50             | 24.00 | 21.60 |
| 15               | ZH-15AWB               | 21.00             | 25.50 | 23.10 |
| 16               | ZH-16AWB               | 22.50             | 27.00 | 24.60 |
| 17               | ZH-17AWB               | 24.00             | 28.50 | 26.10 |
| 18               | ZH-18AWB               | 25.50             | 30.00 | 27.60 |
| 19               | ZH-19AWB               | 27.00             | 31.50 | 29.10 |
| 20               | ZH-20AWB               | 28.50             | 33.00 | 30.60 |

Material (材料)

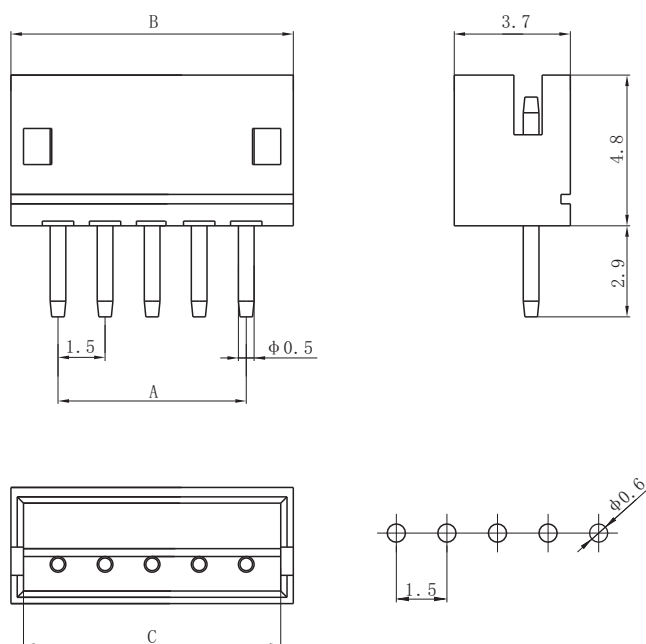
Housing (胶壳): LCP U194V-0

Wafer (接触件): Brass (黄铜) / Tin plated (镀锡)

Solder tabs (焊片): Brass (黄铜) / Tin plated (镀锡)

符合RoHS标准  
RoHS compliance

□ DL15001-A (ZH-A)



| Circuits<br>(电路) | Product name<br>(产品名称) | Dimensions (尺寸mm) |       |       |
|------------------|------------------------|-------------------|-------|-------|
|                  |                        | A                 | B     | C     |
| 2                | ZH-2A                  | 1.50              | 4.50  | 3.70  |
| 3                | ZH-3A                  | 3.00              | 6.00  | 5.20  |
| 4                | ZH-4A                  | 4.50              | 7.50  | 6.70  |
| 5                | ZH-5A                  | 6.00              | 9.00  | 8.20  |
| 6                | ZH-6A                  | 7.50              | 10.50 | 9.70  |
| 7                | ZH-7A                  | 9.00              | 12.00 | 11.20 |
| 8                | ZH-8A                  | 10.50             | 13.50 | 12.70 |
| 9                | ZH-9A                  | 12.00             | 15.00 | 14.20 |
| 10               | ZH-10A                 | 13.50             | 16.50 | 15.70 |
| 11               | ZH-11A                 | 15.00             | 18.00 | 17.20 |
| 12               | ZH-12A                 | 16.50             | 19.50 | 18.70 |
| 13               | ZH-13A                 | 18.00             | 21.00 | 20.20 |
| 14               | ZH-14A                 | 19.50             | 22.50 | 21.70 |
| 15               | ZH-15A                 | 21.00             | 24.00 | 23.20 |
| 16               | ZH-16A                 | 22.50             | 25.50 | 24.70 |
| 17               | ZH-17A                 | 24.00             | 27.00 | 26.20 |
| 18               | ZH-18A                 | 25.50             | 28.50 | 27.70 |
| 19               | ZH-19A                 | 27.00             | 30.00 | 29.20 |
| 20               | ZH-20A                 | 28.50             | 31.50 | 30.70 |

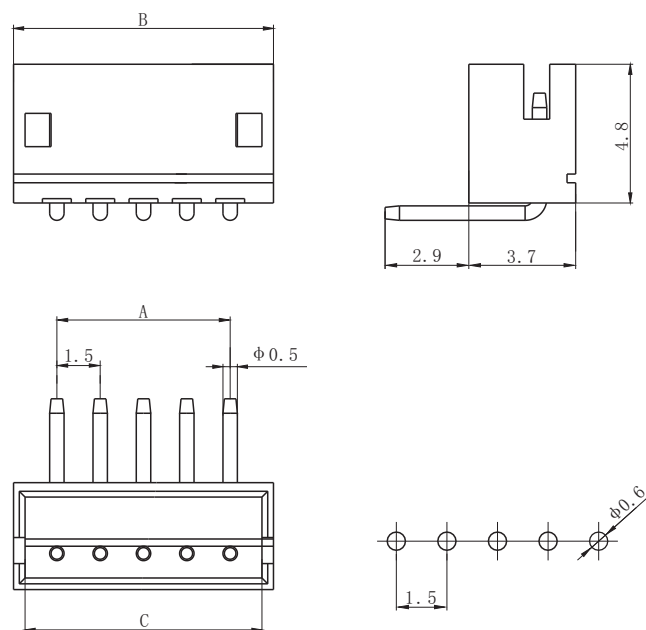
Material (材料)

Housing (胶壳): Nylon (尼龙) UL94V-0 (2)

Wafer (接触件): Brass (黄铜) / Tin plated (镀锡)

符合RoHS标准  
RoHS compliance

□ DL15001-AW (ZH-AW)



| Circuits<br>(电路) | Product name<br>(产品名称) | Dimensions (尺寸mm) |       |       |
|------------------|------------------------|-------------------|-------|-------|
|                  |                        | A                 | B     | C     |
| 2                | ZH-2AW                 | 1.50              | 4.50  | 3.70  |
| 3                | ZH-3AW                 | 3.00              | 6.00  | 5.20  |
| 4                | ZH-4AW                 | 4.50              | 7.50  | 6.70  |
| 5                | ZH-5AW                 | 6.00              | 9.00  | 8.20  |
| 6                | ZH-6AW                 | 7.50              | 10.50 | 9.70  |
| 7                | ZH-7AW                 | 9.00              | 12.00 | 11.20 |
| 8                | ZH-8AW                 | 10.50             | 13.50 | 12.70 |
| 9                | ZH-9AW                 | 12.00             | 15.00 | 14.20 |
| 10               | ZH-10AW                | 13.50             | 16.50 | 15.70 |
| 11               | ZH-11AW                | 15.00             | 18.00 | 17.20 |
| 12               | ZH-12AW                | 16.50             | 19.50 | 18.70 |
| 13               | ZH-13AW                | 18.00             | 21.00 | 20.20 |
| 14               | ZH-14AW                | 19.50             | 22.50 | 21.70 |
| 15               | ZH-15AW                | 21.00             | 24.00 | 23.20 |
| 16               | ZH-16AW                | 22.50             | 25.50 | 24.70 |
| 17               | ZH-17AW                | 24.00             | 27.00 | 26.20 |
| 18               | ZH-18AW                | 25.50             | 28.50 | 27.70 |
| 19               | ZH-19AW                | 27.00             | 30.00 | 29.20 |
| 20               | ZH-20AW                | 28.50             | 31.50 | 30.70 |

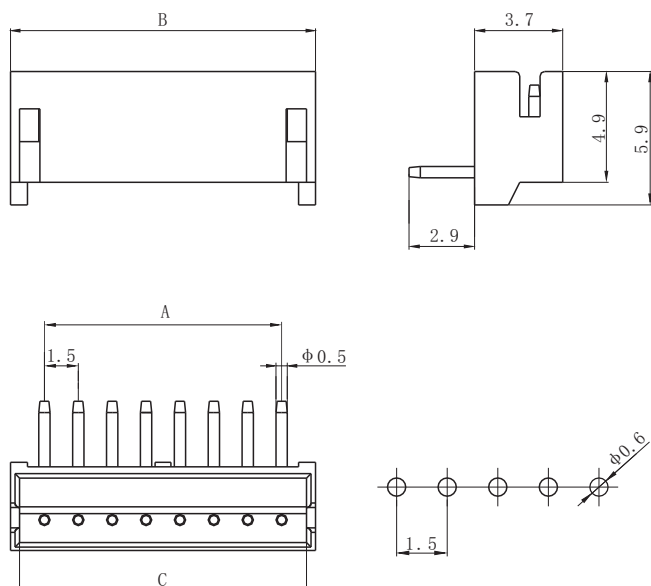
Material (材料)

Housing (胶壳): Nylon (尼龙) UL94V-0 (2)

Wafer (接触件): Brass (黄铜) / Tin plated (镀锡)

符合RoHS标准  
RoHS compliance

DL15001-AWD (ZH-AWD)



| Circuits<br>(电路) | Product name<br>(产品名称) | Dimensions (尺寸mm) |       |       |
|------------------|------------------------|-------------------|-------|-------|
|                  |                        | A                 | B     | C     |
| 2                | ZH-2AWD                | 1.50              | 4.50  | 3.70  |
| 3                | ZH-3AWD                | 3.00              | 6.00  | 5.20  |
| 4                | ZH-4AWD                | 4.50              | 7.50  | 6.70  |
| 5                | ZH-5AWD                | 6.00              | 9.00  | 8.20  |
| 6                | ZH-6AWD                | 7.50              | 10.50 | 9.70  |
| 7                | ZH-7AWD                | 9.00              | 12.00 | 11.20 |
| 8                | ZH-8AWD                | 10.50             | 13.50 | 12.70 |
| 9                | ZH-9AWD                | 12.00             | 15.00 | 14.20 |
| 10               | ZH-10AWD               | 13.50             | 16.50 | 15.70 |
| 11               | ZH-11AWD               | 15.00             | 18.00 | 17.20 |
| 12               | ZH-12AWD               | 16.50             | 19.50 | 18.70 |
| 13               | ZH-13AWD               | 18.00             | 21.00 | 20.20 |
| 14               | ZH-14AWD               | 19.50             | 22.50 | 21.70 |
| 15               | ZH-15AWD               | 21.00             | 24.00 | 23.20 |
| 16               | ZH-16AWD               | 22.50             | 25.50 | 24.70 |
| 17               | ZH-17AWD               | 24.00             | 27.00 | 26.20 |
| 18               | ZH-18AWD               | 25.50             | 28.50 | 27.70 |
| 19               | ZH-19AWD               | 27.00             | 30.00 | 29.20 |
| 20               | ZH-20AWD               | 28.50             | 31.50 | 30.70 |

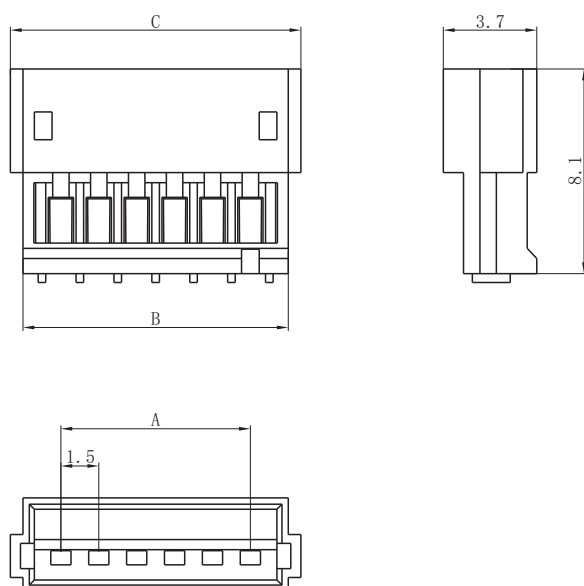
Material (材料)

Housing (胶壳): Nylon (尼龙) UL94V-0 (2)

Wafer (接触件): Brass (黄铜) / Tin plated (镀锡)

符合RoHS标准  
RoHS compliance

DL15001-R (ZH-R)



| Circuits<br>(电路) | Product name<br>(产品名称) | Dimensions (尺寸mm) |       |       |
|------------------|------------------------|-------------------|-------|-------|
|                  |                        | A                 | B     | C     |
| 2                | ZH-2R                  | 1.50              | 4.50  | 5.50  |
| 3                | ZH-3R                  | 3.00              | 6.00  | 7.00  |
| 4                | ZH-4R                  | 4.50              | 7.50  | 8.50  |
| 5                | ZH-5R                  | 6.00              | 9.00  | 10.00 |
| 6                | ZH-6R                  | 7.50              | 10.50 | 11.50 |
| 7                | ZH-7R                  | 9.00              | 12.00 | 13.00 |
| 8                | ZH-8R                  | 10.50             | 13.50 | 14.50 |
| 9                | ZH-9R                  | 12.00             | 15.00 | 16.00 |
| 10               | ZH-10R                 | 13.50             | 16.50 | 17.50 |
| 11               | ZH-11R                 | 15.00             | 18.00 | 19.00 |
| 12               | ZH-12R                 | 16.50             | 19.50 | 20.50 |
| 13               | ZH-13R                 | 18.00             | 21.00 | 22.00 |
| 14               | ZH-14R                 | 19.50             | 22.50 | 23.50 |
| 15               | ZH-15R                 | 21.00             | 24.00 | 25.00 |
| 16               | ZH-16R                 | 22.50             | 25.50 | 26.50 |
| 17               | ZH-17R                 | 24.00             | 27.00 | 28.00 |
| 18               | ZH-18R                 | 25.50             | 28.50 | 29.50 |
| 19               | ZH-19R                 | 27.00             | 30.00 | 31.00 |
| 20               | ZH-20R                 | 28.50             | 31.50 | 32.50 |

Material (材料)

Housing (胶壳): Nylon (尼龙) UL94V-0 (2)

符合RoHS标准  
RoHS compliance