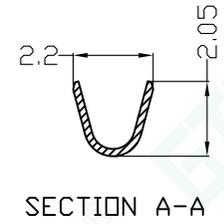
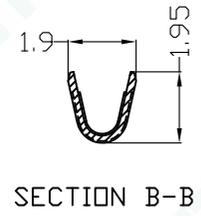


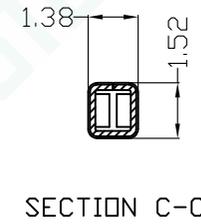
BACK VIEW



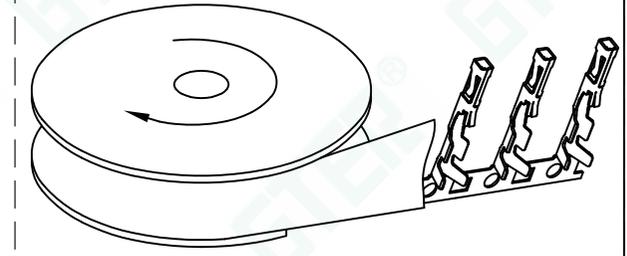
SECTION A-A



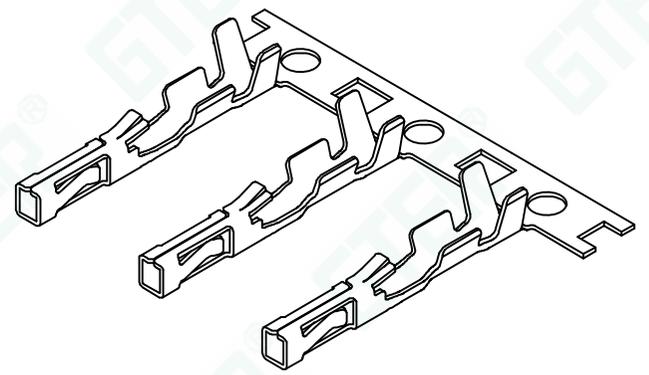
SECTION B-B



SECTION C-C



包装示意图(端子V型口向外顺时针绕盘)



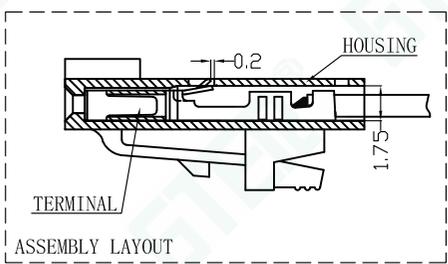
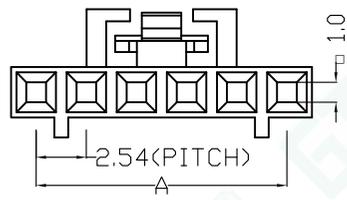
■ Main Specifications

- 额定电流 (Current rating): 3.0A AC, DC
- 额定电压 (Voltage rating): 250V AC, DC
- 温度范围 (Temperature range): -25°C TO + 85°C
- 接触电阻 (Contact resistance): ≤20MΩ
- 绝缘电阻 (Insulation resistance): ≥1000MΩ
- 耐电压 (Withstand voltage): 1500V AC/minute



|     |             |            |                |                 |            |          |  |                |
|-----|-------------|------------|----------------|-----------------|------------|----------|--|----------------|
| 规格表 | Part No     | Wire Range | Insulation O.D | Material        | Finish     | Qty/reel | Features (Used in)   | Remark         |
|     | A2542TF-PTS | AWG#28~#22 | 2.1 (MAX)      | Phosphor Bronze | Tin-plated | 12,000   | GJ-C2542 SOCKET HOUSIN SERIES<br>GJ-A2542 SOCKET HOUSIN SERIES | MOLEX LS 70066 |

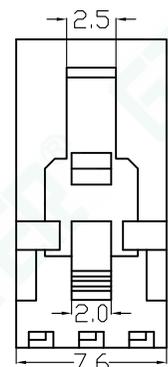
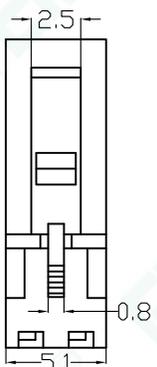
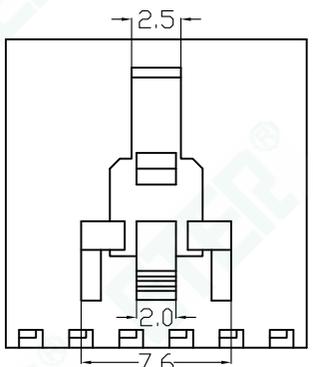
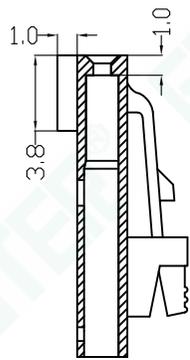
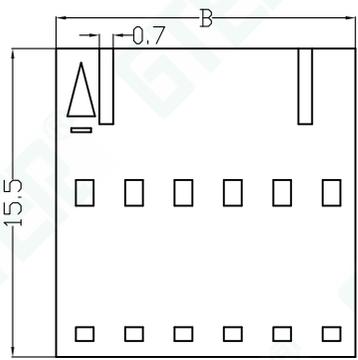
|  |                       |               |                |               |                 |  |      |      |
|--|-----------------------|---------------|----------------|---------------|-----------------|--|------|------|
| <b>GTER</b> ® 东莞市高嘉精密电子有限公司<br>DONGGUAN GJ PRECISION ELECTRONICS Co.,Ltd.<br>PART NO: GJ-C2542TF-PTS/A2542TF-PTS<br>2.54mm WIRE TO WIRE&BOARD CONNECTOR, SOCKET TERMINAL | APPROVED BY: APPROVED | PROJ:         | TOLERANCE      | LTR           | REVISION RECORD |  | NAME | DATE |
|  | CHECKED BY: CHECKED   | UNIT: mm      | -1 ±0.20       | 标记1           | 修改内容1           | 姓名1                                    | 日期1  |      |
|  | DRAWN BY: yiliangdong | SCALE: --     | 1-5 ±0.30      | 标记2           | 修改内容2           | 姓名2                                    | 日期2  |      |
|  | DATE: 2024-04-13      | SHEET: 1/1 A4 | 5-15 ±0.40     | 标记3           | 修改内容3           | 姓名3                                    | 日期3  |      |
|  | VER NO: A0            |               | 15-30 ±0.50    | 标记4           | 修改内容4           | 姓名4                                    | 日期4  |      |
|  |                       |               | 30- ±0.60      | CUSTOMER: --- |                 | Conforms to The RoHS&REACH Instruction |      |      |
|  |                       |               | (ANGLE) X ±10° |               |                 |  |      |      |



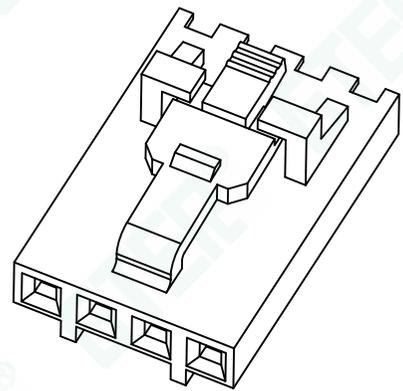
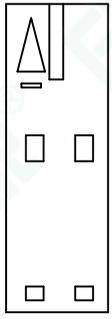
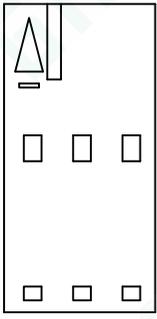
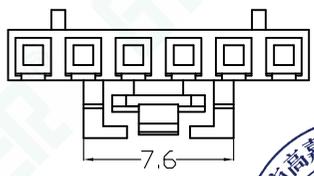
- Main Specifications
- 接触电阻 (Contact resistance):  $\leq 20m\Omega$
  - 绝缘电阻 (Insulation resistance):  $\geq 1000M\Omega$
  - 额定电压 (Rated voltage): 250V AC DC
  - 额定电流 (Rated current): 3.0A AC DC
  - 耐电压 (Withstand Voltage): 1500V AC/minute
  - 温度范围 (Temperature Range):  $-25^{\circ}C \sim +85^{\circ}C$

■ 产品编码简介: GJ-A2542HF-\*\*-A0B  
 ① ② ③ ④

1. 系列号;
  2. 公胶壳;
  3. Pin位数, 01PIN~20PIN;
  4. A0N-Nylon66 UL94V-0 (黑色);
- 适配 GJ-A2542 SOCKET TERMINAL;  
 ■ 适配 GJ-C2542 PLUG HOUSING SERIES;



| Poles | Dimension |       | Q'ty/<br>bag |
|-------|-----------|-------|--------------|
|       | A         | B     |              |
| 02P   | 2.54      | 5.08  | 1,000        |
| 03P   | 5.08      | 7.62  | 1,000        |
| 04P   | 7.62      | 10.16 | 1,000        |
| 05P   | 10.16     | 12.70 | 1,000        |
| 06P   | 12.70     | 15.24 | 1,000        |
| 07P   | 15.24     | 17.78 | 1,000        |
| 08P   | 17.78     | 20.32 | 1,000        |
| 09P   | 20.32     | 22.86 | 1,000        |
| 10P   | 22.86     | 25.40 | 1,000        |
| 11P   | 25.40     | 27.94 | 1,000        |
| 12P   | 27.94     | 30.48 | 1,000        |
| 13P   | 30.48     | 33.02 | 1,000        |
| 14P   | 33.02     | 35.56 | 1,000        |
| 15P   | 35.56     | 38.10 | 1,000        |
| 16P   | 38.10     | 40.64 | 1,000        |
| 17P   | 40.64     | 43.10 | 1,000        |
| 18P   | 43.18     | 45.64 | 1,000        |
| 20P   | 48.26     | 50.72 | 1,000        |



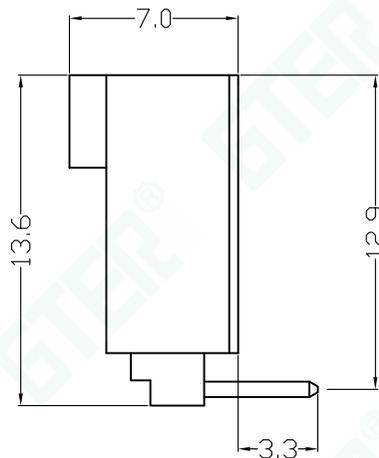
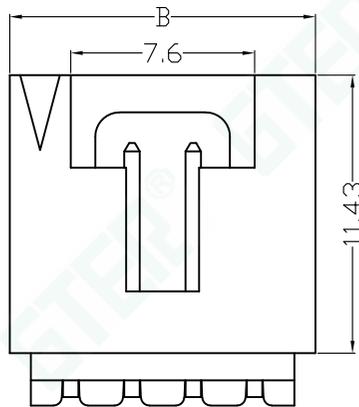
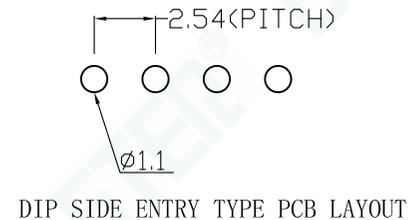
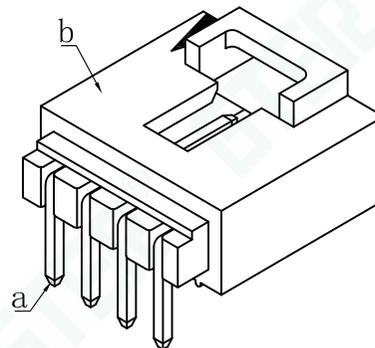
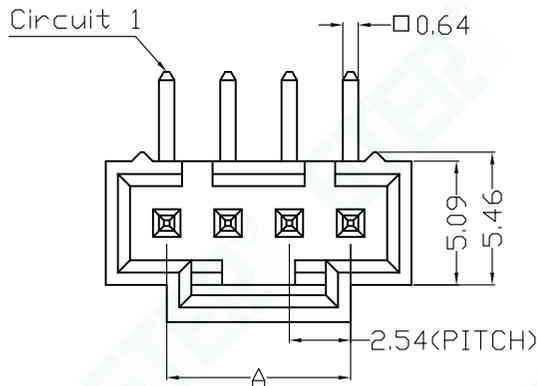
**GTER** 东莞市高嘉精密电子有限公司  
 DONGGUAN GJ PRECISION ELECTRONICS Co.,Ltd.  
 PART NO: GJ-A2542HF-\*\*-\*\*\*  
 2.54mm WIRE TO WIRE&WIRE TO BOARD CONNECTOR, SOCKET HOUSING

APPROVED BY: APPROVED  
 CHECKED BY: CHECKED  
 DRAWN BY: yiliangdong  
 DATE: 2024-08-17  
 A2542母胶壳 产品图  
 VER NO: A0

PROJ: UNIT: mm  
 SCALE: --  
 SHEET: 1/1 A4  
 TOLERANCE  
 -1 ±0.20  
 1-5 ±0.30  
 5-15 ±0.40  
 15-30 ±0.50  
 30- ±0.60  
 (ANGLE) X ±10°

| REVISION RECORD |       | NAME | DATE |
|-----------------|-------|------|------|
| 标记1             | 修改内容1 | 姓名1  | 日期1  |
| 标记2             | 修改内容2 | 姓名2  | 日期2  |
| 标记3             | 修改内容3 | 姓名3  | 日期3  |
| 标记4             | 修改内容4 | 姓名4  | 日期4  |

CUSTOMER: ---  
 Conforms to The RoHS&REACH Instruction



■ Main Specifications

- 接触电阻 (Contact resistance):  $\leq 20m\Omega$
- 绝缘电阻 (Insulation resistance):  $\geq 1000M\Omega$
- 额定电压 (Rated voltage): 250V AC DC
- 额定电流 (Rated current): 3.0A AC DC
- 耐电压 (Withstand Voltage): 1500V AC/minute
- 温度范围 (Temperature Range):  $-25^{\circ}C \sim +85^{\circ}C$
- 线数 (Poles no): 2 to 12 P

■ 产品编码简介: GJ-A2542WRD-\*\*-A0B

1. 系列号; ① ② ③ ④
2. 卧式插板针座;
3. Pin位数;
4. Nylon66 UL94V-0 (黑色)

■ 适配 GJ-A2542 SOCKET HOUSING SERIES.

■ 适用基板厚度 1.2MM-1.6MM.

| Poles | Dimensions(mm) |       | Q'ty/<br>bag |
|-------|----------------|-------|--------------|
|       | A              | B     |              |
| 2P    | 2.54           | 7.59  | 1,000        |
| 3P    | 5.08           | 10.13 | 1,000        |
| 4P    | 7.62           | 12.67 | 1,000        |
| 5P    | 10.16          | 15.21 | 1,000        |
| 6P    | 12.70          | 17.75 | 1,000        |
| 7P    | 15.24          | 20.29 | 1,000        |
| 8P    | 17.78          | 22.83 | 1,000        |
| 9P    | 20.32          | 25.37 | 1,000        |
| 10P   | 22.86          | 27.91 | 1,000        |
| 11P   | 25.40          | 30.45 | 1,000        |
| 12P   | 27.94          | 32.99 | 1,000        |

| 组成序号 | 名称        | 材质                  |
|------|-----------|---------------------|
| a    | 0.64方pin针 | 青铜镀高温亮锡             |
| b    | 胶壳本体      | Nylon66 UL94V-0(黑色) |

**GTER** 东莞市高嘉精密电子有限公司  
DONGGUAN GJ PRECISION ELECTRONICS Co.Ltd.

PART NO: GJ-A2542WRD-\*\*-A0B

2.54mm WIRE TO BOARD CONNECTOR, WAFER (R-DIP TYPE)

APPROVED BY: APPROVED

CHECKED BY: CHECKED

DRAWN BY: yiliangdong

DATE: 2024-08-15

A2542卧式插板针座产品图

PROJ:

UNIT: mm

SCALE: --

SHEET: 1/1 A4

VER NO: A0

TOLERANCE

-1 ±0.20

1-5 ±0.30

5-15 ±0.40

15-30 ±0.50

30- ±0.60

(ANGLE) X ±10°

LTR

标记1

标记2

标记3

标记4

CUSTOMER: ---

REVISION RECORD

修改内容1

修改内容2

修改内容3

修改内容4

NAME

姓名1

姓名2

姓名3

姓名4

DATE

日期1

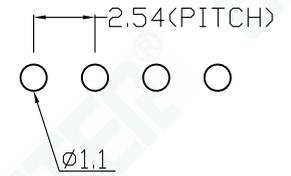
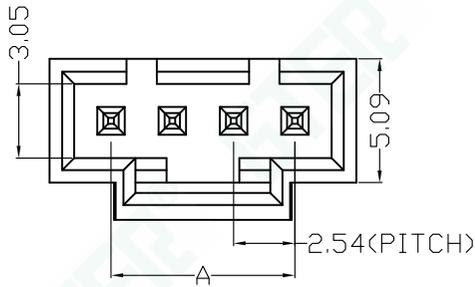
日期2

日期3

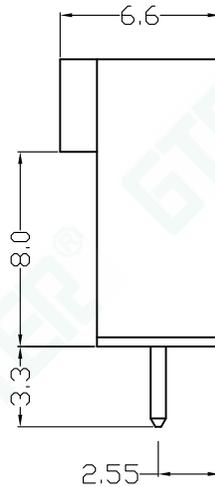
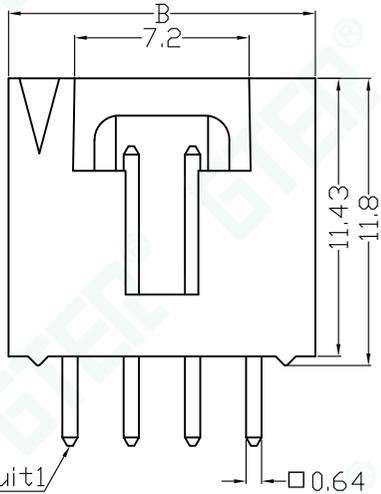
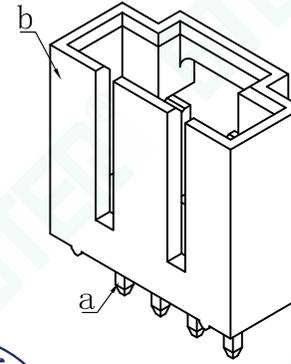
日期4

Conforms to The RoHS&REACH Instruction

A B C D E F



DIP TOP ENTRY TYPE PCB LAYOUT



■ Main Specifications

- 接触电阻 (Contact resistance):  $\leq 20m\Omega$
- 绝缘电阻 (Insulation resistance):  $\geq 1000M\Omega$
- 额定电压 (Rated voltage): 250V AC DC
- 额定电流 (Rated current): 3.0A AC DC
- 耐电压 (Withstand Voltage): 1500V AC/minute
- 温度范围 (Temperature Range):  $-25^{\circ}C \sim +85^{\circ}C$
- 线数 (Poles no): 2 to 12 P

■ 产品编码简介: GJ-A2542WVD-\*\*-A0B

① ② ③ ④

1. 系列号;
  2. 立式插板针座;
  3. Pin位数;
  4. Nylon66 UL94V-0 (黑色)
- 适配 GJ-A2542 SOCKET HOUSING SERIES.  
■ 适用基板厚度 1.2MM-1.6MM.

| Poles | Dimensions(mm) |       | Q'ty/<br>bag |
|-------|----------------|-------|--------------|
|       | A              | B     |              |
| 2P    | 2.54           | 7.63  | 1,000        |
| 3P    | 5.08           | 10.17 | 1,000        |
| 4P    | 7.62           | 12.71 | 1,000        |
| 5P    | 10.16          | 15.25 | 1,000        |
| 6P    | 12.70          | 17.79 | 1,000        |
| 7P    | 15.24          | 20.33 | 1,000        |
| 8P    | 17.78          | 22.87 | 1,000        |
| 9P    | 20.32          | 25.41 | 1,000        |
| 10P   | 22.86          | 27.95 | 1,000        |
| 11P   | 25.40          | 30.49 | 1,000        |
| 12P   | 27.94          | 33.03 | 1,000        |

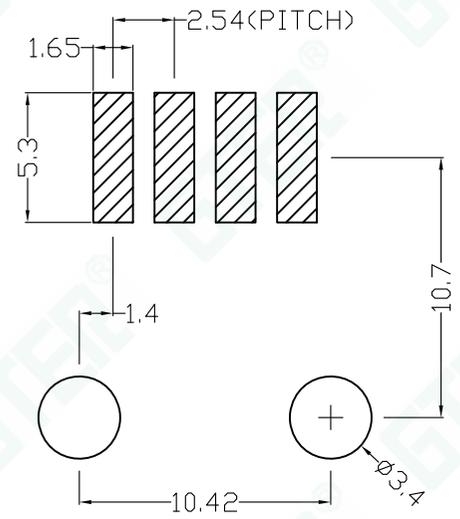
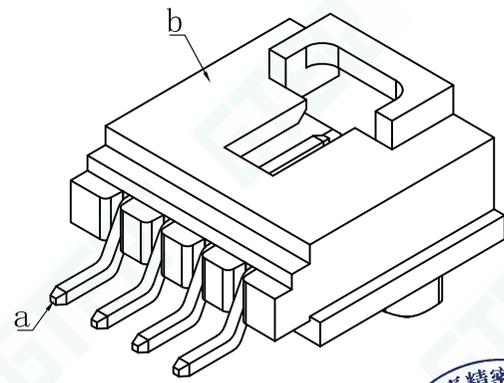
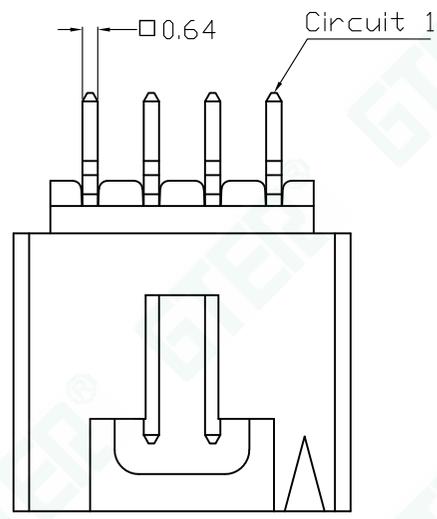
| 组成序号 | 名称        | 材质                  |
|------|-----------|---------------------|
| a    | 0.64方pin针 | 青铜镀高温亮锡             |
| b    | 胶壳本体      | Nylon66 UL94V-0(黑色) |

|   |                       |               |                |               |                 |  |      |      |
|---|-----------------------|---------------|----------------|---------------|-----------------|--|------|------|
| <b>GTER</b> 东莞市高嘉精密电子有限公司<br>DONGGUAN GJ PRECISION ELECTRONICS Co.Ltd.<br>PART NO: GJ-A2542WVD-**-A0B<br>2.54mm WIRE TO BOARD CONNECTOR, WAFER (V-DIP TYPE) | APPROVED BY: APPROVED | PROJ:         | TOLERANCE      | LTR           | REVISION RECORD |  | NAME | DATE |
|   | CHECKED BY: CHECKED   | UNIT: mm      | -1 ±0.20       | 标记1           | 修改内容1           |  | 姓名1  | 日期1  |
|   | DRAWN BY: yiliangdong | SCALE: --     | 1-5 ±0.30      | 标记2           | 修改内容2           |  | 姓名2  | 日期2  |
|   | DATE: 2024-08-15      | SHEET: 1/1 A4 | 5-15 ±0.40     | 标记3           | 修改内容3           |  | 姓名3  | 日期3  |
|   | DATE: 2024-08-15      | SHEET: 1/1 A4 | 15-30 ±0.50    | 标记4           | 修改内容4           |  | 姓名4  | 日期4  |
|   | VER NO: A0            |               | 30- ±0.60      | CUSTOMER: --- |                 | Conforms to The RoHS&REACH Instruction |      |      |
|   |                       |               | (ANGLE) X ±10° |               |                 |  |      |      |

A B C D E F

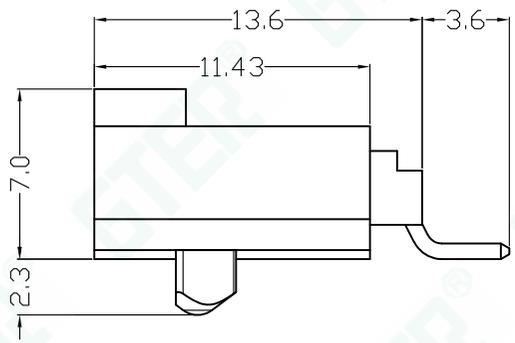
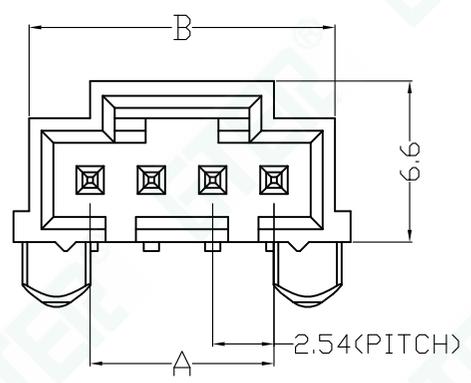
A B C D E F

1



SMT SIDE ENTRY TYPE PCB LAYOUT

3



■ Main Specifications

- 接触电阻 (Contact resistance):  $\leq 20m\Omega$
- 绝缘电阻 (Insulation resistance):  $\geq 1000M\Omega$
- 额定电压 (Rated voltage): 250V AC DC
- 额定电流 (Rated current): 3.0A AC DC
- 耐电压 (Withstand Voltage): 1500V AC/minute
- 温度范围 (Temperature Range):  $-25^{\circ}C \sim +85^{\circ}C$
- 线数 (Poles no): 2 to 12 P

■ 产品编码简介: GJ-A2542WRS-\*\*-A0B

1. 系列号; ① ② ③ ④
2. 卧式贴板针座;
3. Pin位数;
4. Nylon66 UL94V-0 (黑色)

■ 适配 GJ-A2542 SOCKET HOUSING SERIES.

■ 适用基板厚度 1.2MM-1.6MM.

| Poles | Dimensions(mm) |       | Q'ty/<br>reel |
|-------|----------------|-------|---------------|
|       | A              | B     |               |
| 2P    | 2.54           | 8.89  | 1,000         |
| 3P    | 5.08           | 11.43 | 1,000         |
| 4P    | 7.62           | 13.97 | 1,000         |
| 5P    | 10.16          | 16.51 | 1,000         |
| 6P    | 12.70          | 19.05 | 1,000         |
| 7P    | 15.24          | 21.59 | 1,000         |
| 8P    | 17.78          | 24.13 | 1,000         |
| 9P    | 20.32          | 26.67 | 1,000         |
| 10P   | 22.86          | 29.21 | 1,000         |
| 11P   | 25.40          | 31.75 | 1,000         |
| 12P   | 27.94          | 34.29 | 1,000         |

| 组成序号 | 名称        | 材质                  |
|------|-----------|---------------------|
| a    | 0.64方pin针 | 青铜镀高温亮锡             |
| b    | 胶壳本体      | Nylon66 UL94V-0(黑色) |

|  |                       |               |                |               |                 |  |      |      |
|--|-----------------------|---------------|----------------|---------------|-----------------|--|------|------|
| <b>GTER</b> 东莞市高嘉精密电子有限公司<br>DONGGUAN GJ PRECISION ELECTRONICS Co.,Ltd.<br>PART NO: GJ-A2542WRS-**-A0B<br>2.54mm WIRE TO BOARD CONNECTOR, WAFER (R-DIP TYPE) | APPROVED BY: APPROVED | PROJ:         | TOLERANCE      | LTR           | REVISION RECORD |  | NAME | DATE |
|  | CHECKED BY: CHECKED   | UNIT: mm      | -1 ±0.20       | 标记1           | 修改内容1           |  | 姓名1  | 日期1  |
|  | DRAWN BY: yiliangdong | SCALE: --     | 1-5 ±0.30      | 标记2           | 修改内容2           |  | 姓名2  | 日期2  |
|  | DATE: 2024-08-15      | SHEET: 1/1 A4 | 5-15 ±0.40     | 标记3           | 修改内容3           |  | 姓名3  | 日期3  |
|  | DATE: 2024-08-15      | SHEET: 1/1 A4 | 15-30 ±0.50    | 标记4           | 修改内容4           |  | 姓名4  | 日期4  |
|  | VER NO: A0            |               | 30- ±0.60      | CUSTOMER: --- |                 | Conforms to The RoHS&REACH Instruction |      |      |
|  |                       |               | (ANGLE) X ±10° |               |                 |  |      |      |

A B C D E F