

A

B

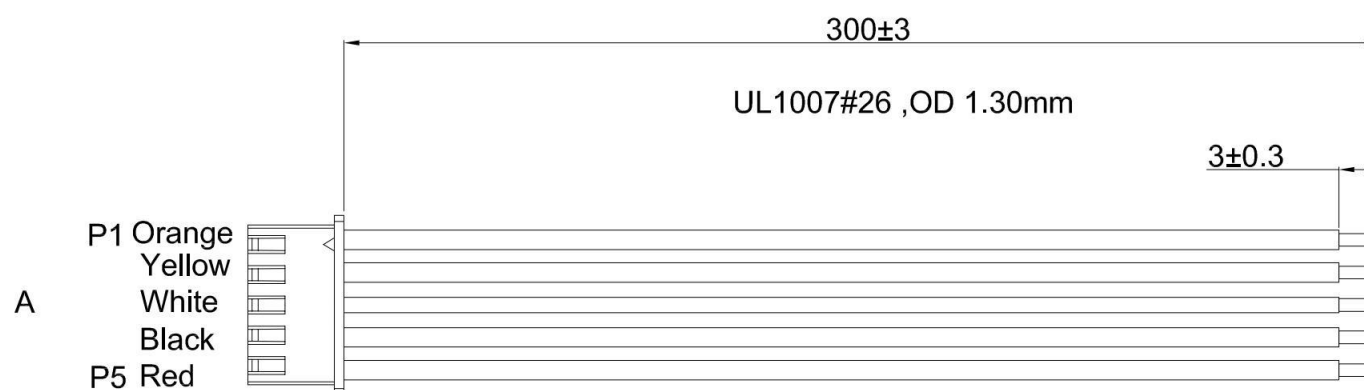
C

D

E

**Remark:**

1. Plastic parts should not be misplaced or the terminals should not be properly inserted
2. There should be no damage to the wire and plastic parts.
3. Tin plated copper wire should not be forked, tinned, not tinned, or burn the wire due to other defects
4. The finished product undergoes 100% conductivity testing, with no electrical defects such as short circuits, open circuits, or misalignment.
  - 4.1 On-resistance:  $\leq 10\text{m}\Omega$
  - 4.2 Insulation impedance:  $\geq 1000\text{M}\Omega$  DC 250V

**Wiring Table :**

| A  | COLOUR | / |
|----|--------|---|
| P1 | Orange | / |
| P2 | Yellow | / |
| P3 | White  | / |
| P4 | Black  | / |
| P5 | Red    | / |

| 3   | Wire Rod  | UL1007#26         | UL1007#26 OD 1.30mm | /      | PCS   | 5   |
|-----|-----------|-------------------|---------------------|--------|-------|-----|
| 2   | Terminal  | GT-A2501TF-PBT1   | Terminal AWG#22~#26 | /      | PCS   | 5   |
| 1   | Housing   | GT-A2501HM-105W01 | Housing 5Pin        | White  | PCS   | 1   |
| NO. | PART NAME | MATERIAL NO       | PART NAME           | COLOUR | UNITS | QTY |



|                                                                                                 |          |                                                                |         |            |            |
|-------------------------------------------------------------------------------------------------|----------|----------------------------------------------------------------|---------|------------|------------|
| SCALE: 1:1                                                                                      | UNIT: mm | Title: A2501 5P Single-head Tin-plating Wiring Harness L=300MM |         |            |            |
| SIZE: A4                                                                                        |          | Molde Code: GT-25010530001                                     |         |            |            |
| Unless otherwise General Tolerance:<br>X ±0.40<br>X.x ±0.30<br>X.xx ±0.20<br>X° ±5°<br>X.x° ±3° |          | DRAWN                                                          | CHECKED | APPROVED   | DATE       |
|                                                                                                 |          | Hu                                                             | Hu      | Chen       | 2024.09.10 |
|                                                                                                 |          | REV: A0                                                        |         | SHEET: 1/1 |            |

