



RECOMMENDED P.C.B LAYOUT  
(TOLERANCE:±0.05)

**NOTES:**

- 1.Material:
  - 1.1 Housing: PBT+30%GF UL94V-0, Color Blue
  - 1.2 Shell: Brass
  - 1.3 Contact :Copper Alloy
- 2. FINISH:
  - 2.1 Contact Area: Selective 15u"Au
  - Solder Area: Tin Plated
  - Under: Ni Plated
- 3.MECHANICAL:
  - 3.1 Mating Force:3.57kgf Max.
  - 3.2 Unmating Force:1.02kgf Min
  - ③ 3.3 Durability:5000 cycles Min
- 4.ELECTRICAL:
  - ③ 4.1 Current Rating:1.5A
  - 4.2 Dielectric Strength:100V AC FOR 1 MINUTE
  - 4.3 Contact Resistance:30mΩ Max
  - 4.4 Insulation Resistance:100 MΩ Min
  - ⑤ 4.5 Voltage Rating: 30VAC
- 5.Operating temperature: -55°C TO +85°C
- ⑥ Soldering temperature: 235°C, 5s max.
- 6.PACKIING: Tray

**RoHS compliant**

| Scale            | Free  | ⑤   | Update   | 13.11.2019 | Carson |          | Date       | Name   | Customer-No.                    |       |
|------------------|-------|-----|--|------------|--------|----------|------------|--------|---------------------------------|-------|
| <b>TOLERANCE</b> |       | ④   | Update the dimension                           | 25.03.2019 | Winnie | Drawn    | 07.06.2013 | Winnie | ASSMANN WSW-No.<br>① AU-Y1007-3 |       |
| .X               | ±0.30 | ③   | Correct the current rating & durability cycles | 12.01.2015 | Winnie | Approved | 13.11.2019 | Carson |                                 |       |
| .XX              | ±0.20 | ②   | Add the width of pin                           | 15.10.2014 | Winnie |          |            |        |                                 |       |
| .XXX             | ±0.10 | ①   | Change the P/N:AU-Y1007-3-R to AU-Y1007-3      | 11.06.2014 | Winnie |          |            |        | Drawing-No.                     |       |
| DIM              | TOL   | ①   |  |            |        |          |            |        | ASS 5779 CO                     | rev05 |
| X.°              | ±5°   | ①   | Drawn  | 07.06.2013 | Winnie |          |            |        | Replace                         | SHEET |
| Angle            | TOL   | ①   |  |            |        |          |            |        |                                 |       |
| UNIT             | mm    | Id. | Modification                                   | Date       | Name   |          |            |        |                                 |       |
|                  |       |     |  |            |        |          |            |        |                                 |       |

