



RECOMMENDED PCB LAYOUT  
GENERAL TOLERANCES:  $\pm 0.05$

|      |              |      |
|------|--------------|------|
| MAPX | MODIFICATION | DATE |
|      |              |      |

- NOTE:
- Material:
    - Housing: Thermoplastics, UL94V-0 (ROHS, HF)
    - Contact: Phosphor Bronze C5191-EH/C2680-EH, T=0.25mm
    - Shell: COPPER ALLOY T=0.30mm
  - FINISH:
    - Contact: 15u" Gold Plated on Contact Area, 80u" Min. Tin Plated on Solder Area, 50u" Min. Nickel Underplating Over All.
    - Shell: 50u" Min. Nickel Underplating Over All.
  - Specification:
    - Rating:
      - Rated voltage 500V AC/DC. Rated current: 2 A Max.
    - Electrical:
      - Insulation Resistance (EIA-364-21): 1000M $\Omega$  Min. at 500V/DC for 1Minute.
      - Contact Resistance (EIA-364-23): 30 m $\Omega$  Max. at 20mV Max, 50mA
      - Dielectric Withstanding Voltage (EIA-364-20): No discharge, flashover or breakdown at 500V/AC 1minute
    - Plug extraction force shall be between 1.0kgf and 2.00kgf
    - Contact finish:
      - 01: Selective Gold Flash
      - 02: Selective Gold 3U"
      - 03: Selective Gold 5U"
      - 04: Selective Gold 15U"
      - 05: Selective Gold 30U"

|                                     |            |              |                 |               |           |                          |                      |  |  |
|-------------------------------------|------------|--------------|-----------------|---------------|-----------|--------------------------|----------------------|--|--|
| 产品图<br>PRODUCT CHART DWG            |            | 深圳市精拓金电子有限公司 |                 |               |           |                          |                      |  |  |
| 公差一览表<br>TOLERANCE UNLESS OTHERWISE |            | 单位<br>UNITS  | MM              | 制图<br>DRAWING | Z-Y-B     | 制图料号<br>PRODUCT PART NO. | 905-652A202S10200    |  |  |
| X.                                  | $\pm 0.15$ | X.           | $\pm 5^\circ$   | 比例<br>SCALE   | 1:1       | 审核<br>CHKD               | 产品名称<br>PRODUCT NAME |  |  |
| .X                                  | $\pm 0.10$ | .X           | $\pm 2^\circ$   | 日期<br>DATE    | 2014.11.1 | 核准<br>APPD               | AF10.0沉板四脚有边铜壳LCP黑胶  |  |  |
| .XX                                 | $\pm 0.05$ | .XX          | $\pm 1^\circ$   | 角法<br>VIEW    |           | 版本<br>VER                | AD                   |  |  |
| .XXX                                | $\pm 0.03$ | .XXX         | $\pm 0.5^\circ$ |               |           |                          |                      |  |  |