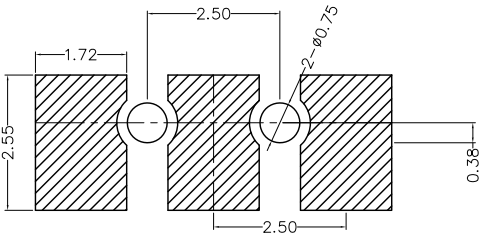
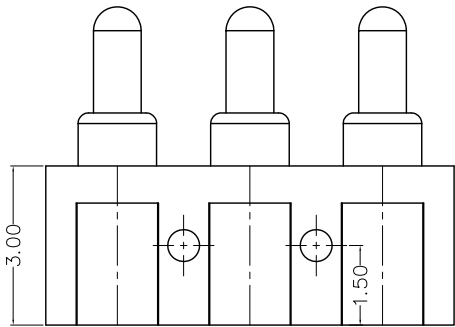
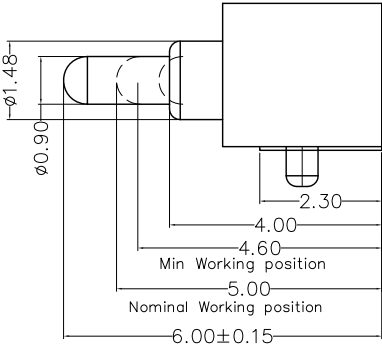
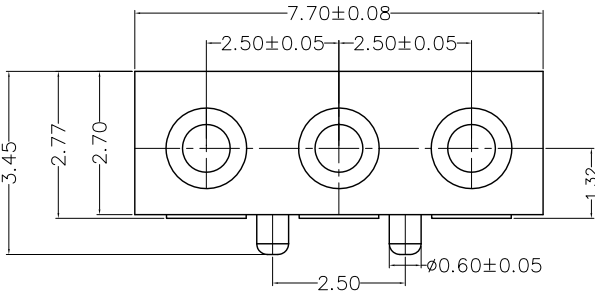


| REVISIONS (修正) |                 |              |          |
|----------------|-----------------|--------------|----------|
| NO. (序号)       | DESCRIPTION(描述) | DCN NO.(变更号) | DATE(日期) |
| D.0            | NEW RELEASE     |              |          |

- otes:
- Characteristics:
- A. Material (材料)
- 1) Housing:High Plastic Black (UL94V-0)
- 2) Plunger:brass c3604
- 3) Barrel:brass c3604
- 4) Spring:Stainless steel wire.
- B. Plating (电镀)
- 1) Plunger:Plating Min. 3u' Au over Min. 50u' Ni.
- 2) Barrel:Plating Min. 3u' Au over Min. 50u' Ni.
- 3) Spring:Plating Min. 0u' Au
- C. Electrical (电气性能)
- 1) Operating voltage: 12V Max.
- 2) Opetating current: 2A Max.
- 3) Contact resistance: 30mohm Max. at working height(Quiescence).
- D. Mechanical (机械性能)
- 1) Total stroke: 1.7mm.
- 2) Working height: 1.0mm.
- 3) Spring Force:120gf±30gf at working height
- 4) Mechanical life: 10,000 cycle min.
- 5) Don't exceed the Max. allowed compression
- E. Environmental (环境性能)
- 1) Storage and operating temoperature range: -40°C~+85°C
- 2) Humidity range: 10% RH to 90% RH
- 3) Salt spray: 48H
- F. Others (其他)
- 1) The dimensions marked \* are critical, Should be checked in production
- 2) RoHS compliant product.



推荐封装尺寸(公差: ±0.05mm)

|                                                |         |            |                   |                                                                                                                                                     |     |                  |                    |
|------------------------------------------------|---------|------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------|--------------------|
| DRAW (设计)                                      | LIAOYI  | SCALE (比例) | 10 : 1            | UNIT (单位)                                                                                                                                           | mm  | DRAWING NO. (图号) | KZF03P03UMT2-R     |
| COUNTER SIGN (会签)                              |         | SHEET (页数) | 1 of 1            | PROJECT (视图)                                                                                                                                        |     | MATERIAL (材质)    | Seeing notes (见备注) |
| AUDIT (审核)                                     |         | DATE (日期)  | 2025.4.23         | VER (版本)                                                                                                                                            | D.0 | TITLE (品名)       | Pogo pin           |
| APPROVE (核准)                                   |         | PLATE (镀层) | Seeing notes(见备注) |                                                                                                                                                     |     |                  |                    |
| THE UNMARKED TOLERANCE ARE AS BELOW : (未标记的公差) |         |            |                   | 东莞市柯睿电子有限公司                                                                                                                                         |     |                  |                    |
| LENGTH (尺寸)                                    |         |            |                   | Dong Guan Corroy Electronics Co, Ltd                                                                                                                |     |                  |                    |
| 0~6.0                                          | ±0.05mm | 0.0        | ±2.0°             | The information in this document is property of Corroy company and should not be copied or reproduced in any other way, without written permission. |     |                  |                    |
| >6~30                                          | ±0.10mm | 0.0        | ±1.0°             |                                                                                                                                                     |     |                  |                    |
| >30~120                                        | ±0.15mm | 0.00       | ±0.50°            |                                                                                                                                                     |     |                  |                    |