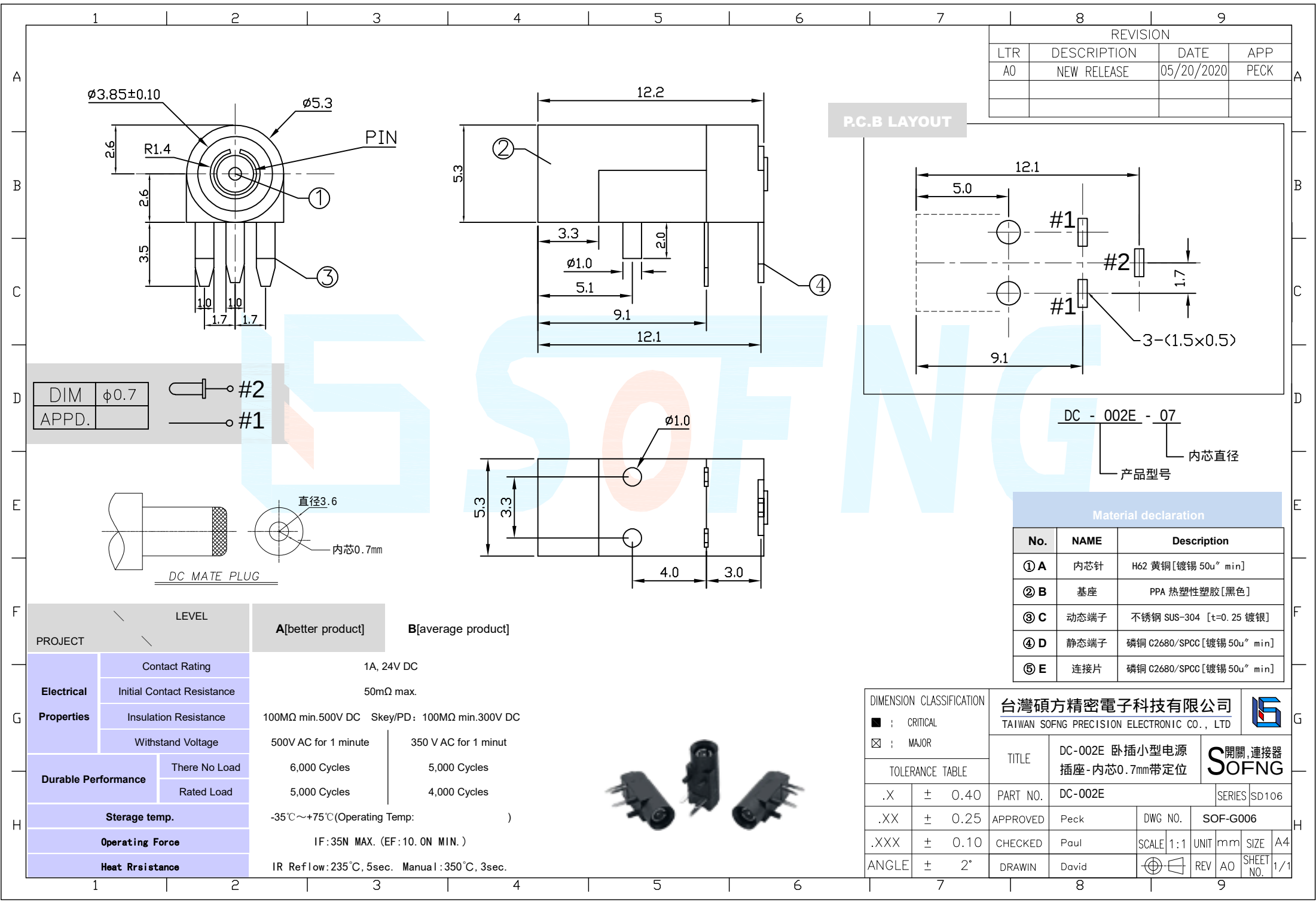
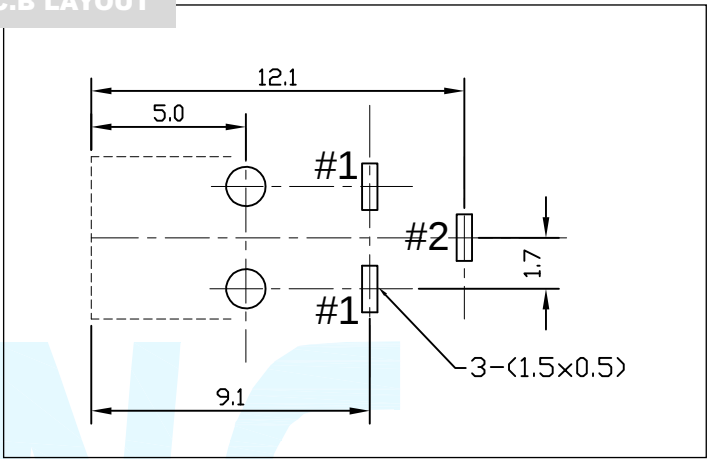




| REVISION |             |            |      |
|----------|-------------|------------|------|
| LTR      | DESCRIPTION | DATE       | APP  |
| A0       | NEW RELEASE | 05/20/2020 | PECK |
|          |             |            |      |

P.C.B LAYOUT



DC - 002E - 07  
产品型号  
内芯直径

| Material declaration |      |                            |
|----------------------|------|----------------------------|
| No.                  | NAME | Description                |
| ① A                  | 内芯针  | H62 黄铜[镀锡 50u" min]        |
| ② B                  | 基座   | PPA 热塑性塑胶[黑色]              |
| ③ C                  | 动态端子 | 不锈钢 SUS-304 [t=0.25 镀银]    |
| ④ D                  | 静态端子 | 磷铜 C2680/SPCC[镀锡 50u" min] |
| ⑤ E                  | 连接片  | 磷铜 C2680/SPCC[镀锡 50u" min] |

| PROJECT               |                            | LEVEL | A[better product]                      | B[average product]         |
|-----------------------|----------------------------|-------|----------------------------------------|----------------------------|
| Electrical Properties | Contact Rating             |       | 1A, 24V DC                             |                            |
|                       | Initial Contact Resistance |       | 50mΩ max.                              |                            |
|                       | Insulation Resistance      |       | 100MΩ min.500V DC                      | Skey/PD: 100MΩ min.300V DC |
|                       | Withstand Voltage          |       | 500V AC for 1 minute                   | 350 V AC for 1 minut       |
| Durable Performance   | There No Load              |       | 6,000 Cycles                           | 5,000 Cycles               |
|                       | Rated Load                 |       | 5,000 Cycles                           | 4,000 Cycles               |
| Storage temp.         |                            |       | -35℃~+75℃(Operating Temp: )            |                            |
| Operating Force       |                            |       | IF:35N MAX. (EF:10.0N MIN.)            |                            |
| Heat Rrsistance       |                            |       | IR Reflow:235℃,5sec. Manual:350℃,3sec. |                            |

DIMENSION CLASSIFICATION  
■ ; CRITICAL  
☒ ; MAJOR

TOLERANCE TABLE

|       |   |      |
|-------|---|------|
| .X    | ± | 0.40 |
| .XX   | ± | 0.25 |
| .XXX  | ± | 0.10 |
| ANGLE | ± | 2°   |

|                                                              |         |                                          |          |                 |     |
|--------------------------------------------------------------|---------|------------------------------------------|----------|-----------------|-----|
| 台灣碩方精密電子科技有限公司<br>TAIWAN SOFNG PRECISION ELECTRONIC CO., LTD |         | TITLE<br>DC-002E 卧插小型电源<br>插座-内芯0.7mm带定位 |          | 開關,連接器<br>SOFNG |     |
| PART NO.                                                     | DC-002E | SERIES                                   | SD106    |                 |     |
| APPROVED                                                     | Peck    | DWG NO.                                  | SOF-G006 |                 |     |
| CHECKED                                                      | Paul    | SCALE                                    | 1:1      | UNIT            | mm  |
| DRAWIN                                                       | David   | REV                                      | AO       | SHEET NO.       | 1/1 |

