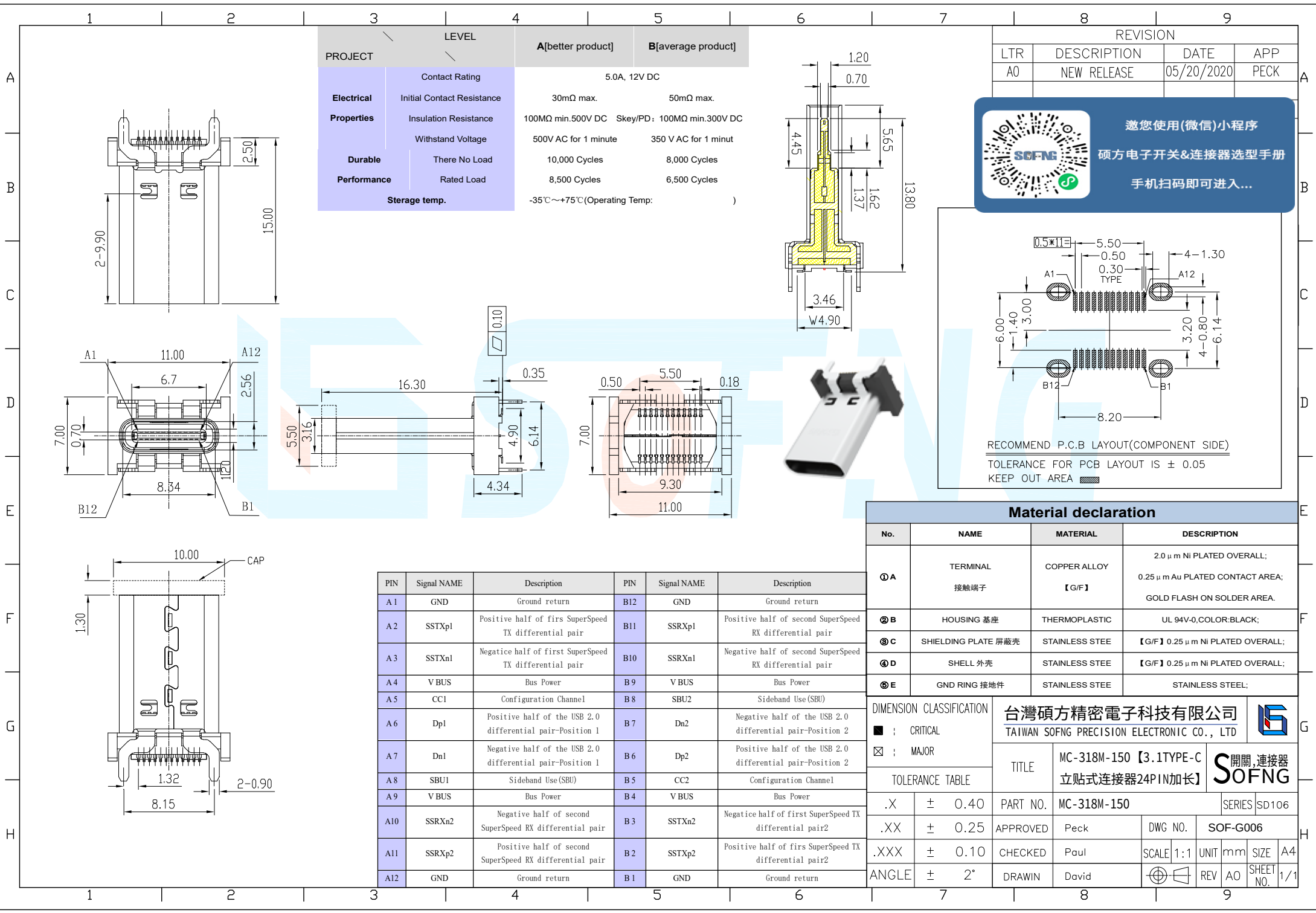


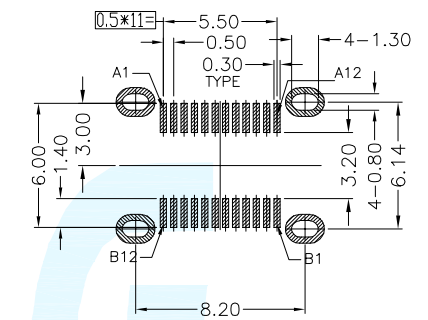


| PROJECT               |                            | LEVEL | A[better product]           | B[average product]         |
|-----------------------|----------------------------|-------|-----------------------------|----------------------------|
| Electrical Properties | Contact Rating             |       | 5.0A, 12V DC                |                            |
|                       | Initial Contact Resistance |       | 30mΩ max.                   | 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       |
|                       | There No Load              |       | 10,000 Cycles               | 8,000 Cycles               |
| Durable Performance   | Rated Load                 |       | 8,500 Cycles                | 6,500 Cycles               |
|                       | Storage temp.              |       | -35℃~+75℃(Operating Temp: ) |                            |

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



邀您使用(微信)小程序  
硕方电子开关&连接器选型手册  
手机扫码即可进入...



| PIN | Signal NAME | Description                                               | PIN | Signal NAME | Description                                               |
|-----|-------------|-----------------------------------------------------------|-----|-------------|-----------------------------------------------------------|
| A 1 | GND         | Ground return                                             | B12 | GND         | Ground return                                             |
| A 2 | SSTXp1      | Positive half of firs SuperSpeed TX differential pair     | B11 | SSRXp1      | Positive half of second SuperSpeed RX differential pair   |
| A 3 | SSTXn1      | Negative half of first SuperSpeed TX differential pair    | B10 | SSRXn1      | Negative half of second SuperSpeed RX differential pair   |
| A 4 | V BUS       | Bus Power                                                 | B 9 | V BUS       | Bus Power                                                 |
| A 5 | CC1         | Configuration Channel                                     | B 8 | SBU2        | Sideband Use (SBU)                                        |
| A 6 | Dp1         | Positive half of the USB 2.0 differential pair-Position 1 | B 7 | Dn2         | Negative half of the USB 2.0 differential pair-Position 2 |
| A 7 | Dn1         | Negative half of the USB 2.0 differential pair-Position 1 | B 6 | Dp2         | Positive half of the USB 2.0 differential pair-Position 2 |
| A 8 | SBU1        | Sideband Use (SBU)                                        | B 5 | CC2         | Configuration Channel                                     |
| A 9 | V BUS       | Bus Power                                                 | B 4 | V BUS       | Bus Power                                                 |
| A10 | SSRXn2      | Negative half of second SuperSpeed RX differential pair   | B 3 | SSTXn2      | Negative half of first SuperSpeed TX differential pair2   |
| A11 | SSRXp2      | Positive half of second SuperSpeed RX differential pair   | B 2 | SSTXp2      | Positive half of firs SuperSpeed TX differential pair2    |
| A12 | GND         | Ground return                                             | B 1 | GND         | Ground return                                             |

| Material declaration     |  |                     |  |                                                               |  |                                                                                            |  |                                                                                       |        |          |    |           |     |
|--------------------------|--|---------------------|--|---------------------------------------------------------------|--|--------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--------|----------|----|-----------|-----|
| No.                      |  | NAME                |  | MATERIAL                                                      |  | DESCRIPTION                                                                                |  |                                                                                       |        |          |    |           |     |
| ① A                      |  | TERMINAL<br>接触端子    |  | COPPER ALLOY<br>【G/F】                                         |  | 2.0 μm Ni PLATED OVERALL;<br>0.25 μm Au PLATED CONTACT AREA;<br>GOLD FLASH ON SOLDER AREA. |  |                                                                                       |        |          |    |           |     |
| ② B                      |  | HOUSING 基座          |  | THERMOPLASTIC                                                 |  | UL 94V-0,COLOR:BLACK;                                                                      |  |                                                                                       |        |          |    |           |     |
| ③ C                      |  | SHIELDING PLATE 屏蔽壳 |  | STAINLESS STEE                                                |  | 【G/F】 0.25 μm Ni PLATED OVERALL;                                                           |  |                                                                                       |        |          |    |           |     |
| ④ D                      |  | SHELL 外壳            |  | STAINLESS STEE                                                |  | 【G/F】 0.25 μm Ni PLATED OVERALL;                                                           |  |                                                                                       |        |          |    |           |     |
| ⑤ E                      |  | GND RING 接地件        |  | STAINLESS STEE                                                |  | STAINLESS STEEL;                                                                           |  |                                                                                       |        |          |    |           |     |
| DIMENSION CLASSIFICATION |  |                     |  | 台灣碩方精密電子科技有限公司<br>TAIWAN SOFENG PRECISION ELECTRONIC CO., LTD |  |                                                                                            |  |  |        |          |    |           |     |
| ■ : CRITICAL             |  |                     |  | TITLE<br>MC-318M-150 【3.1TYPE-C<br>立贴式连接器24PIN加长】             |  |                                                                                            |  | 開關,連接器<br>SOFENG                                                                      |        |          |    |           |     |
| ☒ : MAJOR                |  |                     |  |                                                               |  |                                                                                            |  |                                                                                       |        |          |    |           |     |
| TOLERANCE TABLE          |  |                     |  |                                                               |  |                                                                                            |  |                                                                                       |        |          |    |           |     |
| .X                       |  | ± 0.40              |  | PART NO.                                                      |  | MC-318M-150                                                                                |  |                                                                                       | SERIES | SD106    |    |           |     |
| .XX                      |  | ± 0.25              |  | APPROVED                                                      |  | Peck                                                                                       |  | DWG NO.                                                                               |        | SOF-G006 |    |           |     |
| .XXX                     |  | ± 0.10              |  | CHECKED                                                       |  | Paul                                                                                       |  | SCALE                                                                                 | 1:1    | UNIT     | mm | SIZE      | A4  |
| ANGLE                    |  | ± 2°                |  | DRAWIN                                                        |  | David                                                                                      |  |  |        | REV      | AO | SHEET NO. | 1/1 |