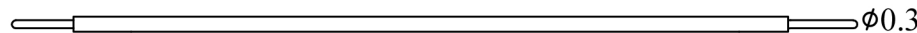
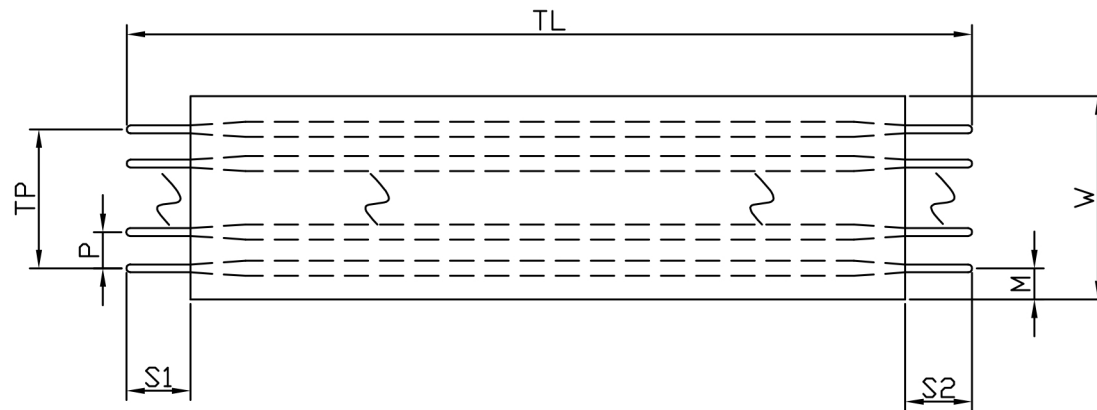


## 圓頭扁平電線 / Round-end Flat Cable (RFC)

| RFC SPECIFICATION / 技術參數  |            |                                                                                                              |
|---------------------------|------------|--------------------------------------------------------------------------------------------------------------|
| Insulation Film           | 絕緣薄膜       | Kapton (PI膠膜) / Nomex紙膜 / PET膠膜                                                                              |
| Conductor Pitch           | 導體間距       | 1.27mm / 2.0mm / 2.54mm                                                                                      |
| NO. Of Conductor          | 導體數量       | 2~50 Pin                                                                                                     |
| Round end Dia.            | 圓頭直徑(O.D.) | 1.27mm Pitch => 圓頭直徑O.D. 0.3mm<br>2.0mm Pitch => 圓頭直徑 O.D. 0.3mm or 0.4mm<br>2.54mm Pitch => 圓頭直徑 O.D. 0.5mm |
| Total Length              | 長度(L)      | 10~3000mm                                                                                                    |
| Color                     | 顏色         | Kapton (PI膠膜) => 黃色 Yellow<br>Nomex紙膜 => 白色 White<br>PET膠膜 => 白色 White / 黑色 Black                            |
| Flammability Rating       | 阻燃性        | UL94V-0                                                                                                      |
| Equivalent Conductor Size | 線規         | 24AWG                                                                                                        |
| Temperature Rating        | 耐溫         | 80°C / 105°C / 300°C                                                                                         |
| Current Rating            | 額定電流       | 2A~6A                                                                                                        |
| Voltage Rating            | 額定電壓       | 300V                                                                                                         |
| Dielectric                | 耐壓強度       | 1000V~3000V / Min                                                                                            |



C052028-XXX-XX-XXX

SERIES NO.

PITCH

0: 1.27mm  
1: 2.00mm  
2: 2.54mm

OD

3: 0.3mm  
4: 0.4mm  
5: 0.5mm

TEMP

0: 80°C  
1: 105°C  
2: 300°C

PIN NO

XX: 02 ~ 50

LENGTH

XXX: 001CM ~ 300CM

| Item                         | Symbol                | Spec       |
|------------------------------|-----------------------|------------|
| No.of.Conductor（导体芯数）        | N                     | 20         |
| Pitch（间距）                    | P                     | 1.27       |
| Total Width（总宽度）             | W                     | 26.67±0.20 |
| Total Pitch（总间距）             | TP                    | 24.13±0.20 |
| Margin(边缘宽度)                 | M                     | 1.27±0.18  |
| Total Length（总长度）            | TL                    | 69 +2.0    |
| Conductor Strip Length（裸铜长度） | S1                    | 3.0±0.5    |
|                              | S2                    | 3.0±0.5    |
| Conductor 导体                 | Tin Plated $\phi$ 0.3 |            |
| Insulation 绝缘胶               | PET K-80              |            |
| O.V                          | ≤0.7                  |            |
| C.B                          | ≤0.3                  |            |
| RoHS Compliance              |                       |            |

|       |             |
|-------|-------------|
| BLACK | C052128-XX  |
| WHITE | C052028-XX  |
| COLOR | PART NUMBER |

|                                        |                                           |                               |                              |              |            |               |
|----------------------------------------|-------------------------------------------|-------------------------------|------------------------------|--------------|------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                           | DWN<br>G.W YANG<br>01JUL2021  | CHUFON TECHNOLOGY CO., LTD.  |              |            |               |
|                                        |                                           | CHK<br>ALEX LIN<br>01JUL2021  |                              |              |            |               |
| DIMENSIONS:<br>MM                      | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: | APVD<br>ALEX LIN<br>01JUL2021 | NAME                         |              |            |               |
|                                        | 0 PLC ± -                                 | PRODUCT SPEC                  | RFC-1.27*20*69*A (3/3, φ0.3) |              |            |               |
|                                        | 1 PLC ± 0.30                              | QUALIFICATION TEST REPORT     |                              |              |            |               |
| MATERIAL                               | 2 PLC ± 0.20                              | WEIGHT                        | SIZE                         | CAGE CODE    | DRAWING NO | RESTRICTED TO |
|                                        | 3 PLC ± 0.15                              |                               | A3                           | 00779        | C052028    | —             |
| 4 PLC ± -                              | CUSTOMER DRAWING                          |                               |                              |              |            |               |
| ANGLES ± 3°                            | FINISH                                    | SCALE —                       |                              | SHEET 1 OF 1 | REV A0     |               |
| SEE NOTE                               | SEE NOTE                                  |                               |                              |              |            |               |