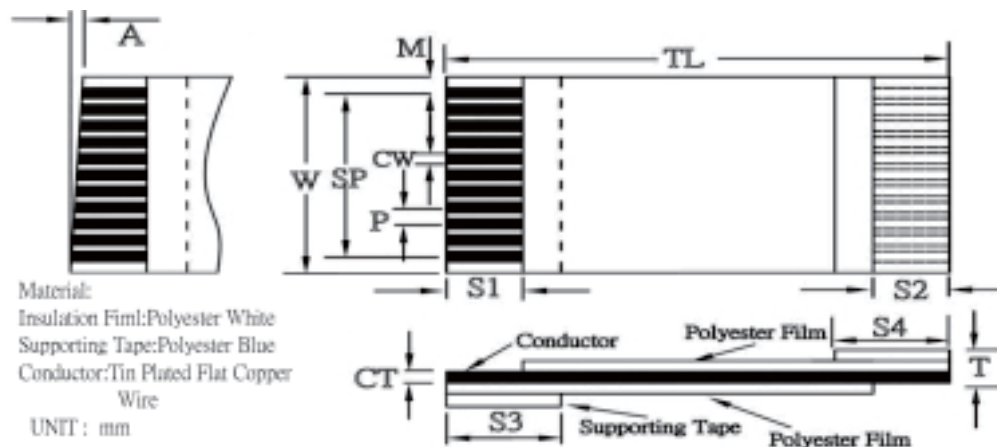




| SYMBOL        | P                      | W     | SP    | M     | A             | TL    | T     | S1   | S2   | S3   | S4   |
|---------------|------------------------|-------|-------|-------|---------------|-------|-------|------|------|------|------|
| RANGE         | 0.5                    | 20.5  | 19.5  | 0.5   | 0.0           | 170.0 | 0.3   | 4.0  | 4.0  | 6.0  | 6.0  |
| TOLERANCE     | ±0.05                  | ±0.10 | ±0.10 | ±0.10 | <0.5          | ±2.0  | ±0.05 | ±1.0 | ±1.0 | ±2.0 | ±2.0 |
| CONDUCTOR     | TIN PLATED COPPER WIRE |       |       |       | THICKNESS(Ct) |       |       |      | 0.05 |      |      |
| SPECIFICATION | (TIN 1-3um)            |       |       |       | WIDTH(Cw)     |       |       |      | 0.32 |      |      |

FFC CABLE Characteristics 特性表

UL STYLE: 20624

| Test Item 測試項目                        | Testing Method 測試方法                      | Specification 規格                                                         |
|---------------------------------------|------------------------------------------|--------------------------------------------------------------------------|
| 1 Conductor resistance 導體阻抗           | JIS-C-3102(at 20°C)                      | 2.20Ω/KM MAX.                                                            |
| 2 Insulation resistance 絕緣阻抗          | Apply the voltage of DC 500V for min     | More than 1000MΩ 大於1000MΩ                                                |
| 3 Dielectric Strength 耐壓強度            | AC 500V, 0.5Ma, 1分鐘. 相鄰兩導體在空氣中           | PASS                                                                     |
| 4 Continuity Test 導通測試                | Apply Test DC 3V                         | No open/Short Circuit                                                    |
| 5 Rated Voltage & Temperature 額定電壓及溫度 | UL Sub, 758                              | 60V 80°C                                                                 |
| 6 Operating Temperature 操作溫度          | Fixed Wiring Condition                   | -30°C ~ 80°C                                                             |
| 7 Flammability Test 耐燃性測試             | UL Sub, 758 V W-1                        | PASS                                                                     |
| 8 Heat Resistance 抗熱測試                | 85°C / 95Hrs                             | No Trouble with insulation Resistance and withstand voltage 絕緣電阻與耐電壓符合要求 |
| 9 Humidity Resistance 抗濕測試            | 40°C, 95%RH, 96Hrs                       |                                                                          |
| 10 Temperature Cycling Test 溫度循環測試    | -40°C ~ 25°C ~ 85°C ~ 25°C ORH 65RH      | 耐曲折測試 ≥ 100cycle                                                         |
| 11 Flexing Test 柔性測試                  | 600g 重物垂吊夾具, 0.5R, 180度 60cycle/min 往復運動 |                                                                          |
| 12                                    | 10R, 180mm, 70cycle/min 往復運動             | 耐曲折測試 ≥ 100,000cycle                                                     |
| 13 Abrasion Test 耐磨測試                 | Ø0.5mm, 600g, 60cycle/min                | Min 100,000cycles 100,000回以上                                             |

RoHS Compliant

TOLERANCES ARE

**MORETHANALL**  
 PCB CONNECTORS  
 Cable ASSEMBLIES

煜倫股份有限公司

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

PPOJECTION

X, ±  
 .X ±  
 .XX ±  
 .XXX ±  
 ANG ±

照片框

ORDER INFORMATION

FPV-CB40-170-LF  
 SERIES | 170mm | LEADFREE  
 40 WAY  
 BOTH SIDES  
 FPC CABLE

DESCRIPTION: