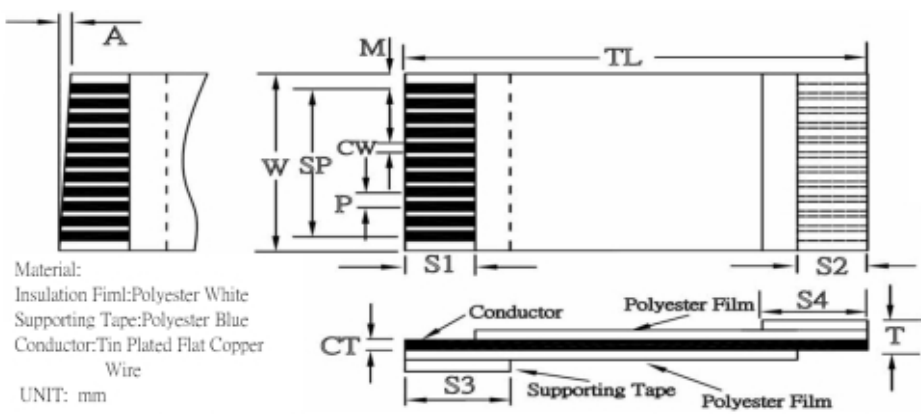




|               |                        |       |       |       |               |      |       |      |      |      |      |
|---------------|------------------------|-------|-------|-------|---------------|------|-------|------|------|------|------|
| SYMBOL        | P                      | W     | SP    | M     | A             | TL   | T     | S1   | S2   | S3   | S4   |
| RANGE         | 0.5                    | 5.5   | 4.5   | 0.5   | 0.0           | 50.0 | 0.3   | 3.0  | 3.0  | 5.0  | 5.0  |
| 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 |      |      |

FPV-CB10-050-LF  
LEADFREE

RoHS Compliant

FFC CABLE Charateristics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(at20℃)                     | 2.20Ω/KM MAX.                                                           |
| 2 Insulation resistance絕緣阻抗         | Apply the voltage of DC 500V for min  | More than 1000MΩ 小於1000MΩ                                               |
| 3 Dielectric Srrength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 Citeuit                                                   |
| 5 Rated Voltage&Temperature 額定電壓及溫度 | UL Sub, 758                           | 60V 80℃                                                                 |
| 6 Operating Temperature操作溫度         | Fixed Wiring Condition                | -20℃ ~80℃                                                               |
| 7 Flammability Test耐燃性測試            | UL Sub, 758 V W-1                     | PASS                                                                    |
| 8 Heat Resistance抗熱測試               | 85℃ / 95Hrs                           | No Trouble with insulation Resistance and withstand voltage絕緣電阻與耐電壓符合要求 |
| 9 Humidity Resistance抗溼測試           | 40℃ , 95%RH, 96Hrs                    |                                                                         |
| 10 Temperature Cycling Test 溫度循環測試  | -40℃ --25℃ --85℃ --25℃ ORH 65RH       |                                                                         |
| 11 Flexing Test柔性測試                 | 600g重物垂吊夾具,0.5R,180度 60cycle/min 往復運動 | 耐曲折測試≥ 100cycle                                                         |
| 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                                            |

MORETHANALLCONNECTORSASSEMBLIES

煜倫股份有限公司

|                       |           |                                                                                                  |                                                                   |               |           |    |      |  |
|-----------------------|-----------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|---------------|-----------|----|------|--|
| PART NO. FPV-CB10-050 |           |                                                                                                  |                                                                   |               |           |    |      |  |
| DWG NO. FPV-CB10-050  |           | CHECKED BY CY                                                                                    | TOLERANCES ARE<br><br>.X ± 0.2<br>.XX ± 0.1<br>.XXX ± .001<br>AWG | DESCRIP TION: |           |    |      |  |
| FILE NO.              |           | DRAWING BY                                                                                       |                                                                   |               |           |    |      |  |
| UNIT / mm             | SCALE 1:1 | PROJECTION  |                                                                   | AREA          | REVISIONS | HK | DATE |  |