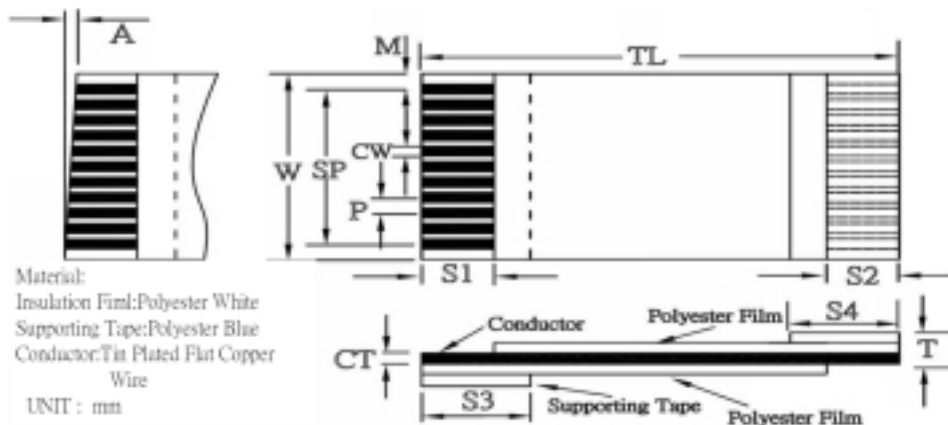




| SYMBOL        | P                      | W     | SP    | M     | A             | TL    | T     | S1   | S2    | S3   | S4   |
|---------------|------------------------|-------|-------|-------|---------------|-------|-------|------|-------|------|------|
| RANGE         | 0.5                    | 25.5  | 24.5  | 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  |      | ±0.01 |      |      |
| SPECIFICATION | (TIN 1~3µm)            |       |       |       | WIDTH(Cw)     |       | 0.32  |      | ±0.03 |      |      |

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 大於1000MΩ                                               |
| 3 Dielectric Srtength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 Citcuit                                                   |
| 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                | -30℃~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       | 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磨擦測試                | Φ0.5mm,600g,60cycle/min               | Min 100,000cycles 100,000回以上                                            |

FPV-CB50-170-LF  
LEADFREE  
RoHS Compliant



PART NO. FPV-CB50-170

DWG NO. FPV-CB50-170

FILE NO.

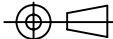
UNIT / mm

SCALE 1:1

CHECKED BY CY

DRAWING BY

PROJECTION



TOLERANCES ARE

.X ± 0.2  
.XX ±  
.XXX ±  
AWG

DESCRIP TION:

AREA

REVISIONS

HK

DATE

煜倫股份有限公司