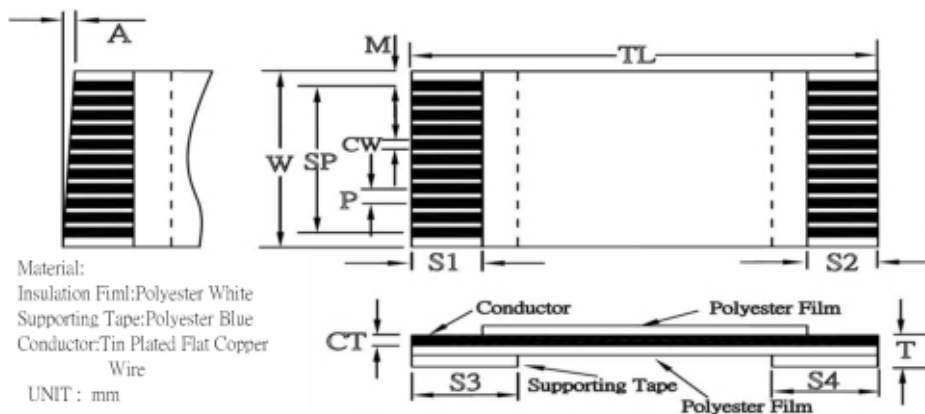




| SYMBOL        | P                                        | W     | SP    | M     | A             | TL    | T     | S1   | S2   | S3    | S4   |
|---------------|------------------------------------------|-------|-------|-------|---------------|-------|-------|------|------|-------|------|
| RANGE         | 0.5                                      | 14.5  | 13.5  | 0.5   | 0.0           | 600.0 | 0.3   | 4.0  | 4.0  | 6.0   | 6.0  |
| TOLERANCE     | ±0.05                                    | ±0.10 | ±0.10 | ±0.10 | <0.5          | ±10.0 | ±0.05 | ±1.0 | ±1.0 | ±2.0  | ±2.0 |
| CONDUCTOR     | TIN PLATED<br>COPPER WIRE<br>(TIN 1~3um) |       |       |       | THICKNESS(Ct) |       |       | 0.05 |      | ±0.01 |      |
| SPECIFICATION |                                          |       |       |       | WIDTH(Cw)     |       |       | 0.32 |      | ±0.03 |      |

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(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 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                | -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                                            |

FPV-CA28-600-LF

LEADFREE

RoHS Compliant



PART NO. FPV-CA28-600

DWG NO. FPV-CA28-600

FILE NO.

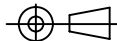
UNIT / mm

SCALE 1:1

CHECKED BY CY

DRAWING BY

PROJECTION



TOLERANCES ARE

 $\cdot X \pm 0.2$  $\bar{X} \pm$  $.XXX \pm$ 

AWG

DESCRIPTION:

AREA

## REVISIONS

HK

DATE \_\_\_\_\_

煜倫股份有限公司