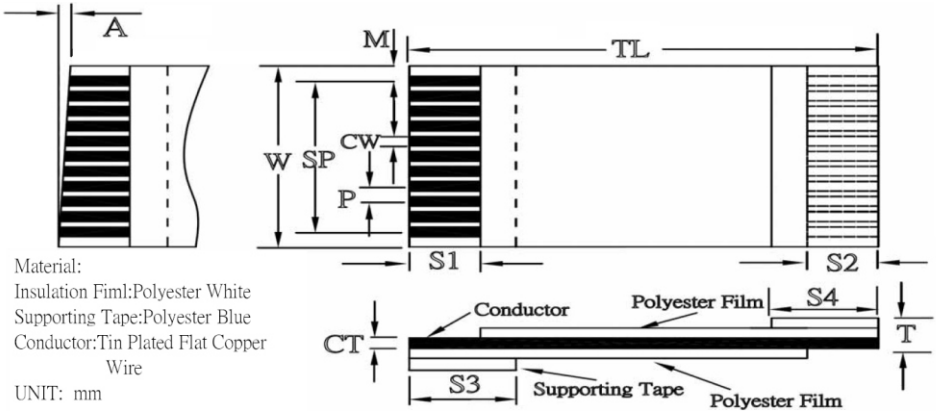




| SYMBOL        | P                                        | W     | SP    | M     | A             | TL    | T     | S1   | S2   | S3    | S4   |
|---------------|------------------------------------------|-------|-------|-------|---------------|-------|-------|------|------|-------|------|
| RANGE         | 0.5                                      | 17.0  | 16.0  | 0.5   | 0.0           | 210.0 | 0.3   | 4.0  | 4.0  | 6.0   | 6.0  |
| TOLERANCE     | ±0.05                                    | ±0.10 | ±0.08 | ±0.05 | <0.5          | ±2.0  | ±0.05 | ±1.0 | ±1.0 | ±2.0  | ±2.0 |
| CONDUCTOR     | TIN PLATED<br>COPPER WIRE<br>(TIN 1um以上) |       |       |       | THICKNESS(Ct) |       |       | 0.05 |      | ±0.01 |      |
| SPECIFICATION |                                          |       |       |       | WIDTH(Cw)     |       |       | 0.32 |      | ±0.03 |      |

FPV-CB33-210-LF  
LEADFREE  
RoHS Compliant

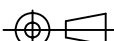
FFC CABLE Charateristics特性表 UL STYLE: 20624

|    | 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 Srntgth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<br>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                                               |



MORETHANALL  
CONNECTORS  
ASSEMBLIES

煜倫股份有限公司

|                       |             |                                                                                                  |                                                              |               |           |    |      |  |
|-----------------------|-------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------|-----------|----|------|--|
| PART NO. FPV-CB33-210 |             |                                                                                                  |                                                              |               |           |    |      |  |
| DWG NO. FPV-CB33-210  |             | CHECKED BY CY                                                                                    | TOLERANCES ARE<br><br>.X ± 0.2<br>.XX ± 0.1<br>.XXX ±<br>AWG | DESCRIP TION: |           |    |      |  |
| FILE NO.              |             | DRAWING BY                                                                                       |                                                              |               |           |    |      |  |
| UNIT / mm             | SCALE 1 : 1 | PROJECTION  |                                                              | AREA          | REVISIONS | HK | DATE |  |