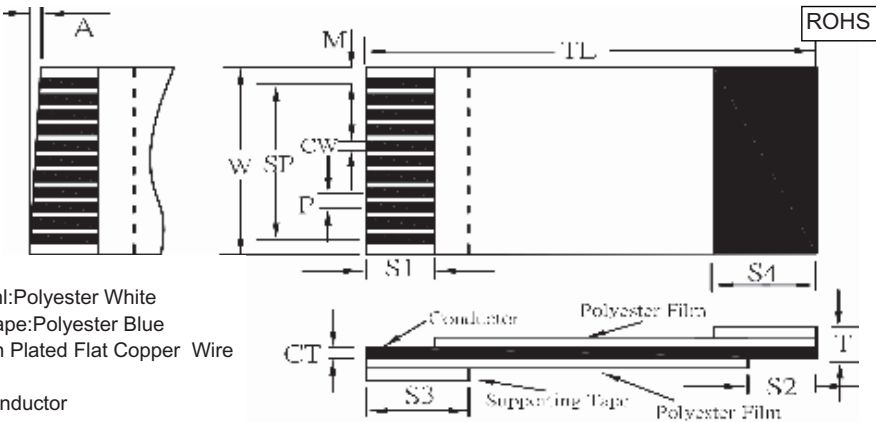




| SYMBOL             | N  | P    | W                                     | SP   | M    | A                           | TL   | T              | S1                                 | S2   | S3   | S4   |
|--------------------|----|------|---------------------------------------|------|------|-----------------------------|------|----------------|------------------------------------|------|------|------|
| RANGE              | 16 | 0.5  | 8.5                                   | 7.5  | 0.5  | 0.0                         | 80.0 | 0.3            | 4.0                                | 4.0  | 6.0  | 6.0  |
| TOLERANCE          |    | 0.05 | 0.08                                  | 0.08 | 0.08 | <0.5                        | ±2.0 | ±0.05          | ±1.0                               | ±1.0 | ±1.5 | ±1.5 |
| Insulation / 膠膜    |    |      | UL20798 White t=0.043 / White t=0.043 |      |      | Conductor / Plating 導體 / 鍍層 |      | CT 0.035±0.005 | TIN PLATED COPPER WIRE (TIN 1~3um) |      |      |      |
| Support Tape / 補強板 |    |      | Blue t=0.225                          |      |      |                             |      | CW 0.3±0.03    |                                    |      |      |      |

FFC CABLE Charateristics 特性表 UL STYLE: 20798

|    | 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°C)                                   | 2.2Ω/M 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          | 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 Current 額定電流               |                                                      | 0.4A                                                                     |
| 6  | Rated Voltage&Temperature 額定電壓及溫 | UL Sub, 758                                          | 60V 80°C                                                                 |
| 7  | Operating Temperature 操作溫        | Fixed Wiring Condition                               | -40°C~85°C                                                               |
| 8  | Flammability Test 耐燃性測試          | UL Sub, 758 V W-1                                    | PASS                                                                     |
| 9  | Heat Resistance 抗熱測試             | 85°C / 96Hrs                                         | No Trouble with insulation Resistance and withstand voltage 絕緣電阻與耐電壓符合要求 |
| 10 | Humidity Resistance 抗溼測試         | 40°C , 95%RH, 96Hrs                                  |                                                                          |
| 11 | Temperature Cycling Test 溫循環測試   | -40°C for 4hrs--85°C for 4hrs--25°C for 1hrs (5 cyc) |                                                                          |
| 12 | Sliding Test 柔性測試                | R=Cable thickness                                    | 耐曲折測試≥30cycle                                                            |
| 13 |                                  | 15mmR, 70cycle/min , 25mm往運動                         | 耐曲折測試≥100,000cycle                                                       |
| 14 | Abrasion Test 耐磨測試               | Ø5mm, 600g, 60cycle/min                              | Min 10,000cycles 10,000回以上                                               |

FPV-CB16-080-LF  
LEADFREE  
RoHS Compliant

|                                                                |                       |           |               |  |                                                          |              |           |      |  |  |
|----------------------------------------------------------------|-----------------------|-----------|---------------|--|----------------------------------------------------------|--------------|-----------|------|--|--|
| <div>MORETHANALLCONNECTORSASSEMBLIES</div> <div>煜倫股份有限公司</div> | PART NO. FPV-CB16-080 |           | CHECKED BY CY |  | TOLERANCES ARE<br>X, ±<br>.X ±<br>.XX ±<br>.XXX ±<br>ANG | DESCRIPTION: |           |      |  |  |
|                                                                | DWG NO. FPV-CB16-080  |           | DRAWING BY    |  |                                                          |              |           |      |  |  |
|                                                                | FILE NO.              |           | PROJECTION    |  |                                                          | AREA         | REVISIONS | DATE |  |  |
| UNIT / mm                                                      |                       | SCALE 1:1 |               |  |                                                          |              |           |      |  |  |