



RoHS Compliant

| 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℃)                                   | 0.27Ω/m                                                                 |
| 2                           | Insulation resistance絕緣阻抗         | Apply the voltage of DC 500V for min                | More than 1000MΩ 小於1000MΩ                                               |
| 4                           | Dielectric Srtength耐壓強度           | AC 1000V, 10mA, 1分鐘,相鄰兩導體在空氣中                       | PASS                                                                    |
| 5                           | Continuity Test導通測試               | Apply Test DC 3V 0.1mA                              | No open/Short Citcuit                                                   |
| 6                           | Rated Voltage&Temperature 額定電壓及溫度 | UL Sub, 758                                         | 60V 80℃                                                                 |
| 7                           | Operating Temperature操作溫度         | Fixed Wiring Condition                              | -20℃~80℃                                                                |
| 8                           | Flammability Test耐燃性測試            | UL Sub, 758 V W-1                                   | PASS                                                                    |
| 9                           | 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 |
| 10                          | Humidity Resistance抗溼測試           | 40℃ , 95%RH, 96Hrs                                  |                                                                         |
| 11                          | Temperature Cycling Test 溫度循環測試   | -40℃ for 4hrs → 85℃ for 4hrs → 25℃ for 1hrs (5 cyc) |                                                                         |
| 12                          | Flexing Test柔性測試                  | 180度 折疊                                             | 耐曲折測試≥30cycle                                                           |
| 13                          |                                   | 15mmR,1000cycle/min 25mm stroke往復運動                 | 耐曲折測試≥10,000cycle                                                       |
| 14                          | Abrasion Test耐磨測試                 | Ø0.5mm,600g,60cycle/min                             | Min 10,000cycles 10,000回以上                                              |

**MORETHANALL**  
CONNECTORS  
ASSEMBLIES

煜倫股份有限公司

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