

|               |                                          |       |       |       |               |       |       |      |      |       |      |
|---------------|------------------------------------------|-------|-------|-------|---------------|-------|-------|------|------|-------|------|
| SYMBOL        | P                                        | W     | SP    | M     | A             | TL    | T     | S1   | S2   | S3    | S4   |
| RANGE         | 1.0                                      | 11.0  | 9.0   | 1.0   | 0.0           | 210.0 | 0.3   | 4.0  | 4.0  | 6.0   | 6.0  |
| TOLERANCE     | ±0.10                                    | ±0.15 | ±0.15 | ±0.15 | <0.5          | ±2.0  | ±0.05 | ±1.0 | ±1.0 | ±2.0  | ±2.0 |
| CONDUCTOR     | TIN PLATED<br>COPPER WIRE<br>(TIN 1μm以上) |       |       |       | THICKNESS(Ct) |       |       | 0.05 |      | ±0.01 |      |
| SPECIFICATION |                                          |       |       |       | WIDTH(Cw)     |       |       | 0.65 |      | ±0.03 |      |

FPA-CB10-210-LF  
T  
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℃)                     | 0.63Ω/M 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                                            |

**MORETHANALL**  
CONNECTORS  
ASSEMBLIES

PART NO. FPA-CB10-210

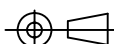
DWG NO. FPA-CB10-210

FILE NO.

SCALE 1:1

DRAWING BY

PROJECTION



TOLERANCES ARE

|  |           |
|--|-----------|
|  | .X ± 0.2  |
|  | .XX ± 0.1 |
|  | .XXX ±    |
|  | AWG       |

DESCRIPTION:

AREA

## REVISIONS

HK

DATE \_\_\_\_\_

煜倫股份有限公司