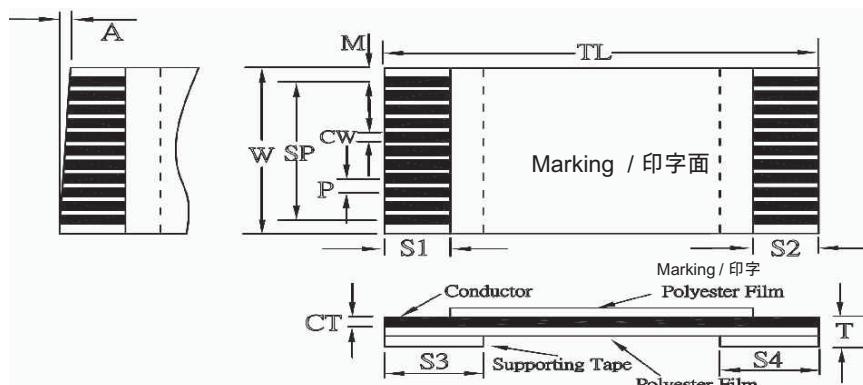


Note:  
\*Rohs: Yes  
\*儲存環境::  
16C~27C/ 溼度 65RH %



## Dimension//尺寸

| Item / 項目 |                            | Symbol / 代號 | Range / 尺寸 | Tolerance / 公差 |
|-----------|----------------------------|-------------|------------|----------------|
| 1         | No of Conductors / 導體數目    | N           | 40         | /              |
| 2         | Pitch / 導體間距               | P           | 1.0        | ±0.1           |
| 3         | Total Length / 總長度         | TL          | 22         | ±2.0           |
| 4         | Margin Width / 邊寬          | M           | 1.0        | ±0.1           |
| 5         | Terminal Thickness / 線端總厚度 | T           | 0.30       | ±0.05          |
| 6         | Contact Length / 接觸面長度     | S1          | 4          | ±1             |
|           |                            | S2          | 4          | ±1             |
| 7         | Supporting Length / 補強板長度  | S3          | 6          | ±2.0           |
|           |                            | S4          | 6          | ±2.0           |
| 8         | Total Width / 總寬度          | W           | 41.00      | ±0.15          |
| 9         | Total Pitch / 內部總間距        | SP          | 39.00      | ±0.10          |
| 10        | Slope / 切口斜度               | A           | 0.0        | < 0.05         |

## Material//材料

| Item / 項目 |                             | Specification / 規格 |       | Remark / 備註 |
|-----------|-----------------------------|--------------------|-------|-------------|
| 1         | Insulation / 膠膜             | UL20798 White      | 0.043 | PET         |
| 2         |                             | White              | 0.043 | PET         |
| 3         | Support Tape / 補強板          | Blue               | 0.225 | PET         |
| 4         | Conductor / Plating 導體 / 鍍層 | Thickness (Ct)     | 0.05  | ±0.005      |
|           |                             | Width (Cw)         | 0.65  | ±0.03       |
|           |                             | Plated             | 1~3um | Sn          |
|           |                             | /                  | /     | /           |
|           |                             | /                  | /     | /           |
|           |                             | /                  | /     | /           |
|           |                             | /                  | /     | /           |
|           |                             | /                  | /     | /           |
|           |                             | /                  | /     | /           |

## Characteristics // 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)                                     | 0.62 Ω/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 Strength / 耐壓強度            | AC 500V, 0.5Ma, 1分鐘, 在空氣中相鄰兩導體                         | PASS                                                                     |
| 4 Continuity Test / 導通測試                | Apply Test DC 3V                                       | No open/Short Circuit                                                    |
| 5 Rated Current / 額定電流                  | /                                                      | 1.0A                                                                     |
| 6 Rated Voltage & Temperature / 額定電壓及溫度 | UL Sub, 758                                            | 60V 80°C                                                                 |
| 7 Operating Temperature / 操作溫度          | Fixed Wiring Condition                                 | -40°C~80°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 / 96 hrs                                          | 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, 96 hrs                                   |                                                                          |
| 11 Temperature Cycling Test / 溫度循環測試    | -40°C for 4hrs--85°C for 4hrs--25°C for 1hrs (5 cycle) |                                                                          |
| 12 Sliding Test / 柔性測試                  | R=Cable thickness                                      | 耐曲折測試≥30cycle                                                            |
| 13                                      | 15mmR,70 cycle / min , 25mm 往復運動                       | 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                                               |

## RoHS Compliant

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

PROJECTION

X, ±  
.X ±  
.XX ±  
.XXX ±  
ANG ±

照片框

## ORDER INFORMATION

FPA-CA40-022-LF

SERIES

LEADFREE

22mm

40WAY

SAME SIDE  
CABLE

DESCRIPTION: 1.0PH 40PIN L=22mm C TYPE UL20798