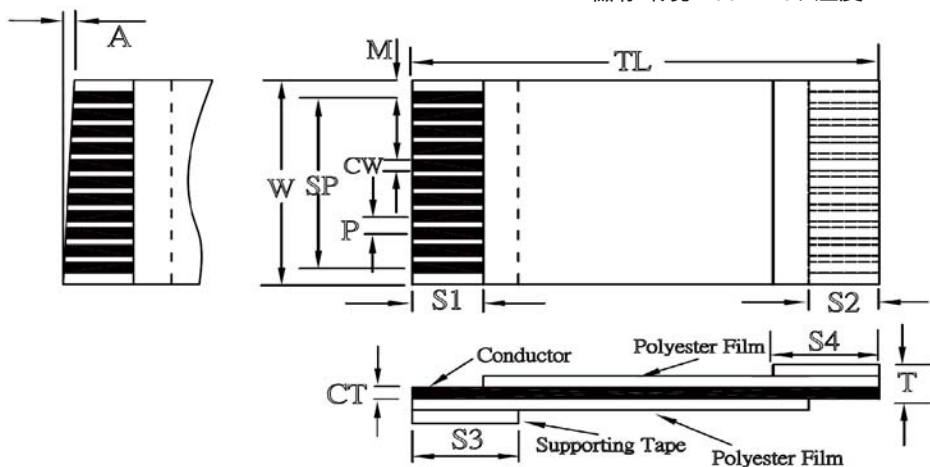


N= No Of Conductor

Note:

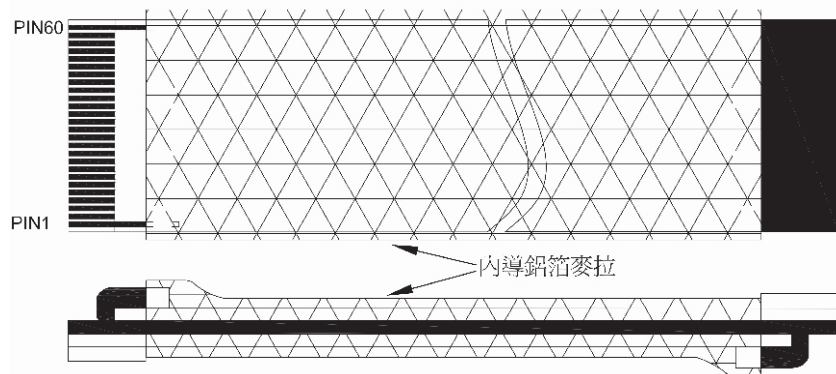
\*RoHS: Yes

\*儲存環境:16c~27c / 溼度



線材加工:

- 1.第1/60 雙重 PIN 靶折貼入鋁箔麥拉底層,內導鋁箔麥拉貼線身全段(如下圖)
- 2.第1與第 6PIN 需能相互導通



## Dimension // 尺寸

| Item / 項目                   | Symbol / 代號 | Range / 尺寸 | Tolerance / 公差 |
|-----------------------------|-------------|------------|----------------|
| 1 No of Conductors / 導體數目   | N           | 60         | /              |
| 2 Pitch / 導體間距              | P           | 0.5        | ±0.05          |
| 3 Total Length / 總長度        | TL          | 200        | ±2             |
| 4 Margin Width / 邊寬         | M           | 0.5        | ±0.1           |
| 5 Terminal Thicknes / 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             |
|                             | S4          | 6          | ±2             |
| 8 Total Width / 總寬度         | W           | 30.50      | ±0.1           |
| 9 Toal Pitch / 內部總間距        | SP          | 29.50      | ±0.1           |
| 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)     | 0.035 ±0.005 |
|                               | Width (Cw)         | 0.3 ±0.03    |
| 5 內導鋁箔麥拉 /                    | Plated             | 1~3um Sn     |
|                               | 71*188             | /            |
|                               | /                  | /            |
|                               | /                  | /            |
|                               | /                  | /            |
|                               | /                  | /            |
|                               | /                  | /            |

## Charateristics // 特性表

## UL STYLE 20798

| Test Item / 測試項目                        | Testing Method / 測試方法                                  | Specification / 規                                                        |
|-----------------------------------------|--------------------------------------------------------|--------------------------------------------------------------------------|
| 1 Conductor Resistance / 導體阻抗           | JIS-C-3102(at20°C)                                     | 2.2 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 Srtength / 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 Citcuit                                                    |
| 5 Rated Current / 額定電流                  | /                                                      | 0.5A                                                                     |
| 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                                                            |
|                                         | 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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**MORETHANALL**  
PCB CONNECTORS  
Cable ASSEMBLIES

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www.morethanall.com

DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1:1

DATE

SIZE A4

PPOJECTION

X, ±  
.X ±  
.XX ±  
.XXX ±  
ANG ±

照片框

## ORDER INFORMATION

FPV-CT60-200-LF  
SERIES  
LEADFREE  
200mm  
60 WAY  
BOTH SIDE SHLD  
CABLE

DESCRIPTION: 0.5PH 60PIN L=200mm D TYPE+2條雙重PIN+鋁箔麥拉