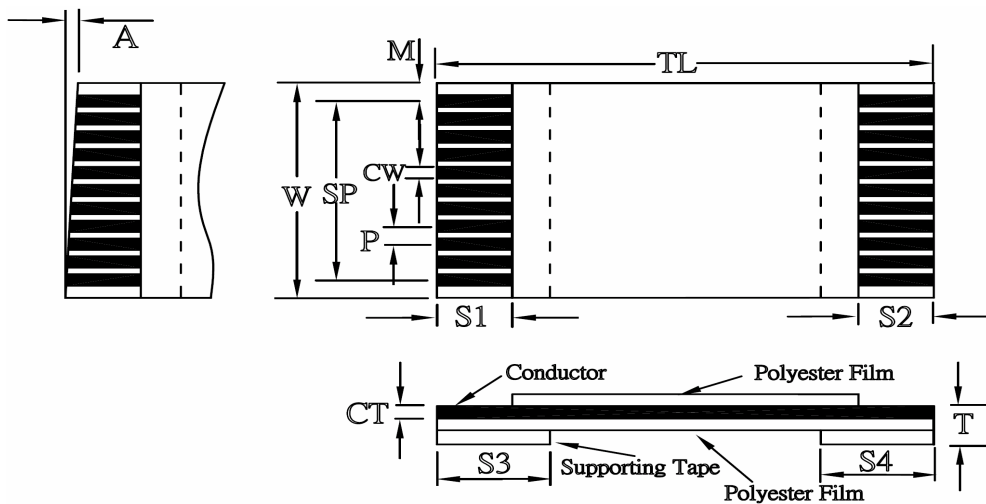


N= No Of Conductor



Note:

*Rohs: Yes

*儲存環境:16c~27c/ 溼度 65RH%

Dimension / 尺寸

Material/ 材料

| Item / 項目 | Symbol / 代號 | Range / 尺寸 | Tolerance / 公差 | Item / 項目 | Specification / 規類 | Remark / 備註 | |
|-----------|----------------------------|------------|----------------|-----------|--------------------|-----------------------------|-------------------------------|
| 1 | No of Conductors / 導體數目 | N | 20 | / | 1 | Insulation / 膠膜 | UL20798 White 0.043 PET |
| 2 | Pitch / 導體間距 | P | 0.5 | ±0.05 | 2 | | White 0.043 PET |
| 3 | Total Length / 總長度 | TL | 120 | ±2 | 3 | Support Tape / 補強板 | Blue 0.225 PET |
| 4 | Margin Width / 邊寬 | M | 0.5 | ±0.08 | 4 | Conductor / Plating 導體 / 鍍層 | Thickness (Ct) 0.035 ±0.005 |
| 5 | Terminal Thickness / 線端總厚度 | T | 0.30 | ±0.05 | | | Width (Cw) 0.3 ±0.03 |
| 6 | Contact Length / 接觸面長度 | S1 | 4 | ±0.8 | | | Plated 1~3um Sn |
| 7 | Supporting Length / 補強板長度 | S3 | 6 | ±1.5 | | / | / |
| | | S4 | 6 | ±1.5 | | / | / |
| 8 | Total Width / 總寬度 | W | 10.50 | ±0.08 | | / | / |
| 9 | Toal Pitch / 內部總間距 | SP | 9.50 | ±0.08 | | / | / |
| 10 | Slope / 切口斜度 | A | 0.0 | <0.05 | | / | / |

Charateristics / 物性表

UL STYLE 20798

| Test Item / 測試項目 | Testing Method / 測試方法 | Specification / 規類 | |
|------------------|--|--|--|
| 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 Srrength / 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 | / | 0.4A |
| 6 | Rated Voltageg & 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~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 / 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(4H)~25°C(2H)~85°C(4H)~25°C(2H) 5Cycles | |
| 12 | Sliding Test / 柔性測試 | 180°折彎測試 R=10mm/垂吊=500g/速度=60次/分 / 搖擺角度=180° | 耐曲折測試≥30cycle |
| 13 | | 15mmR,70 cycle / min , 25mm 往復運動 | 耐曲折測試≥1,000,000cycle |
| 14 | Abrasion Test / 耐磨測試 | Ø5mm,600g,60cycle/min | Min 10,000cycles 10,000回以上 |

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm SCALE 1 : 1

DATE

SIZE A4

X, ±
.X ±
.XX ±
.XXX ±
ANG ±

PPOJECTION

照片框

ORDER INFORMATION

FPV-CA20-120-LF
SERIES | | LEADFREE
| | 120mm
| | 20 WAY
| | SAME SIDE
| | CABLE

DESCRIPTION: 0.5PH 20PIN L=120mm 4466 C TYPE UL20798