

Dimension / 尺寸

Material / 材料

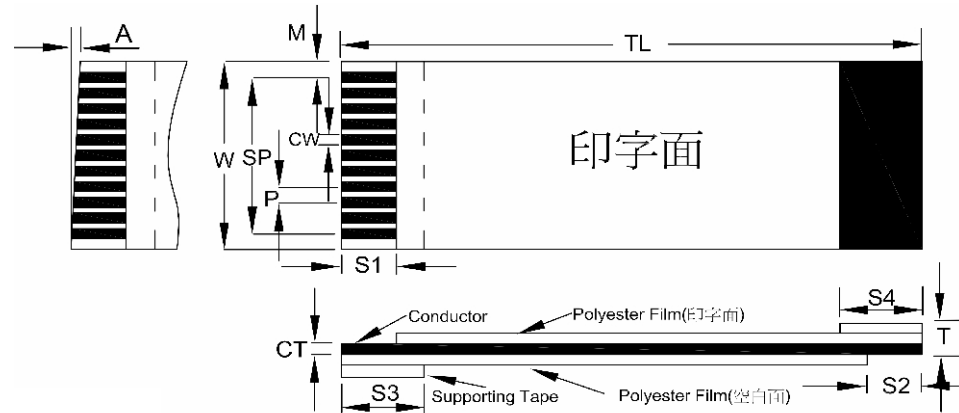
Item / 項目	Symbol / 代號	Range / 尺寸	Tolerance / 公差
1 No of Conductors / 導體數目	N	50	/
2 Pitch / 導體間距	P	0.5	±0.05
3 Total Length / 總長度	TL	45	±2.0
4 Margin Width / 邊寬	M	0.5	±0.08
5 Terminal Thickness / 線端總厚度	T	0.30	±0.05
6 Contact Length / 接觸面長度	S1	4	±1
	S2	4	±1
7 Supporting Length / 補強板長度	S3	8	±2
	S4	8	±2
8 Total Width / 總寬度	W	25.50	±0.08
9 Total Pitch / 內部總間距	SP	24.50	±0.08
10 Slope / 切口斜度	A	0.0	< 0.05

Item / 項目	Specification / 規格	Remark / 備註
1	UL20798	PET
Insulation / 膠膜	White	0.043
	White	0.043
Support Tape / 補強板	Blue	0.225
Conductor / Plating 導體 / 鍍層	Thickness (Ct)	0.035 ±0.005
	Width (Cw)	0.3 ±0.03
	Plated	1~3um Sn
	/	/
	/	/
	/	/
	/	/
	/	/

Note: *Rohs: Yes

*儲存環境:16c~27c / 溼度 65RH%

N= No Of Conductor



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)	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 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	/	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

FPV-CB50-045-LF

LEADFREE

RoHS Compliant



PART NO. FPV-CB50-045

DWG NO. FPV-CB50-045

FILE NO.

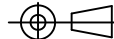
UNIT / mm

SCALE 1:1

CHECKED BY CY

DRAWING BY

PROJECTION



TOLERANCES ARE

- X. ±
- .X ±
- .XX ±
- .XXX ±
- ANG

DESCRIPTION: 0.5PH 50PIN L=45mm D TYPE

AREA

REVISIONS

DATE

煜倫股份有限公司