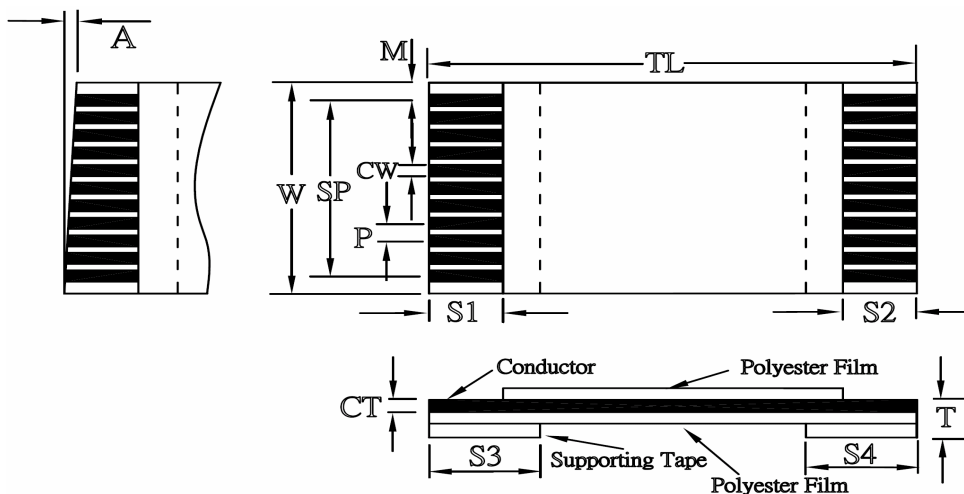


N= No Of Conductor



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	42	/
2 Pitch / 導體間距	P	0.5	±0.05
3 Total Length / 總長度	TL	120	±2
4 Margin Width / 邊寬	M	0.5	±0.08
5 Terminal Thicknes / 線端總厚度	T	0.30	±0.05
6 Contact Length / 接觸面長度	S1	4	±0.8
	S2	4	±0.8
7 Supporting Length / 補強板長度	S3	6	±1.5
	S4	6	±1.5
8 Total Width / 總寬度	W	21.50	±0.08
9 Toal Pitch / 內部總間距	SP	20.50	±0.08
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 Suppoort 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
	Plated	1~3um Sn
	/	/
	/	/
	/	/
	/	/
	/	/
	/	/

Charateristics / 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 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	/	0.4A
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~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	耐曲折測試≥30cycle
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°	
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	Ø0.5mm,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

PPOJECTION

X, ±
.X ±
.XX ±
.XXX ±
ANG ±

照片框

ORDER INFORMATION

FPV-CA42-120-LF
SERIES | LEADFREE
120mm
42 WAY
SAME SIDE
CABLE

DESCRIPTION: 0.5PH 42PIN L=120mm 4466 C TYPE UL20798