

PART NAME 1.0PH 11PIN L=42mm C TYPE+預折6彎

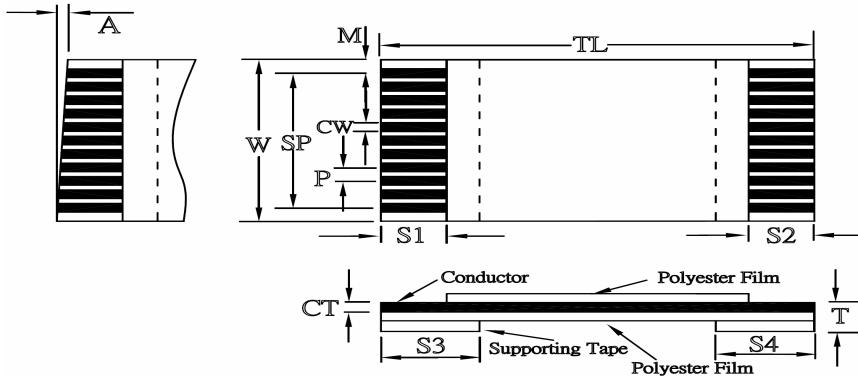
工廠料號:

Symbol / 代號

Note: *RoHS: Yes

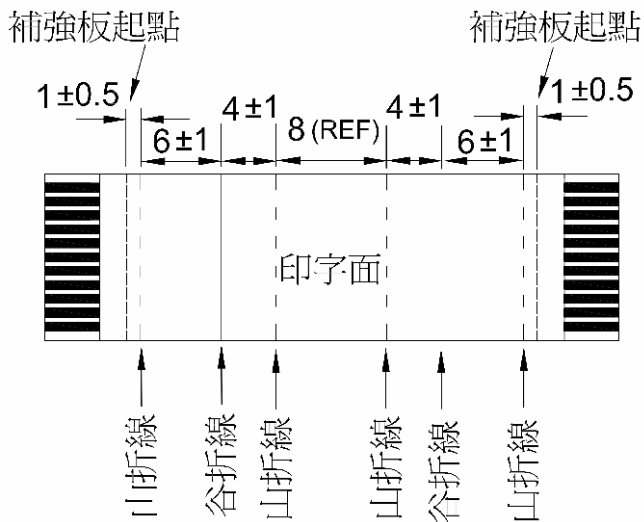
N= No Of Conductor

*儲存環境 / Storage environment: 16c~27c 65RH%



線材加工圖

1.線身自左右端補強板起點起 共預折6處(如下附圖)



Dimension / 尺寸

Item / 項目	Symbol / 代號	Range / 尺寸	Tolerance / 公差
1 No of Conductors / 導體數目	N	11	/
2 Pitch / 導體間距	P	1.0	±0.1
3 Total Length / 總長度	TL	42	±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
	S3	6	±2
7 Supporting Length / 補強板長度	S4	6	±2
8 Total Width / 總寬度	W	12.00	±0.1
9 Total Pitch / 內部總間距	SP	10.00	±0.1
10 Slope / 切口斜度	A	0.0	< 0.05

Material / 材頓

Item / 項目	Specification / 規類	Remark / 備註
1	UL2896 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
	/	/
	/	/
	/	/
	/	/
	/	/
	/	/
	/	/

Charateristics / 特性表

UL STYLE 2896

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)	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	30V 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

FPA-CA11-042-LF

LEADFREE

RoHS Compliant

MORETHANALL
CONNECTORS
ASSEMBLIES

PART NO. FPA-CA11-042

DWG NO. FPA-CA11-042

FILE NO.

CHECKED BY CY

DRAWING BY

TOLERANCES ARE

.X ± 0.2
.XX ±
.XXX ±
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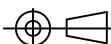
DESCRIP TION:

煜倫股份有限公司

UNIT / mm

SCALE 1:1

PROJECTION



AREA

REVISIONS

HK

DATE