

1 2 3 4 5 6 7 8 9 10

PART NAME : 1.0PH 11PIN L=432mm B TYPE+保護膠帶+雙面膠+預折4彎

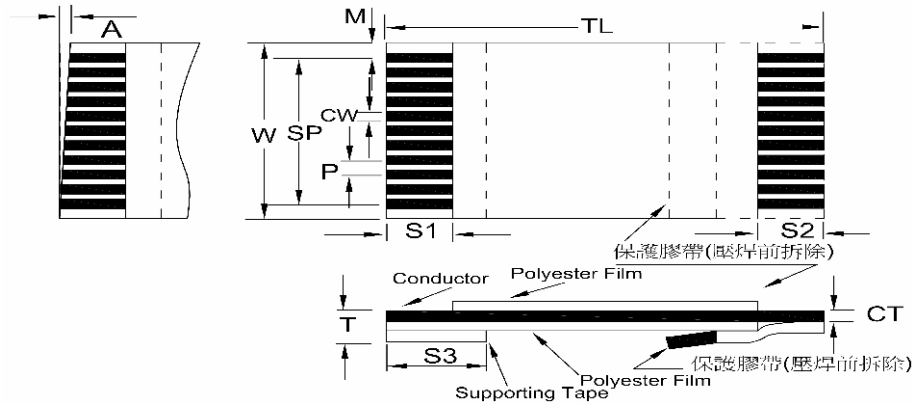
工廠料號:

Symbol / 代號

Note:*Rohs: Yes

N= No Of Conductor

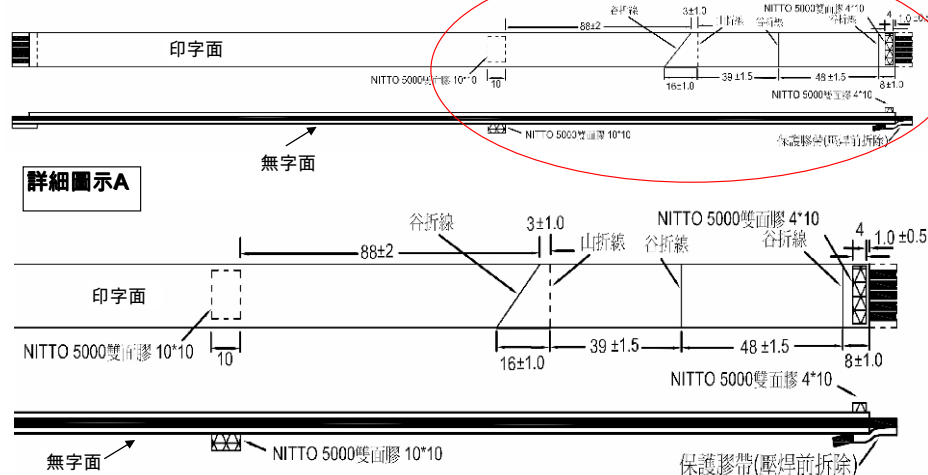
*儲存環境//Storage environment:16c~27c 65RH%



線材加工圖

- 線身印字面裸線端距膠膜處起算1MM處貼雙面膠 4*10(如下附圖)
- 線身無字面裸線端距膠膜處起算186MM處貼雙面膠 10*10(如下附圖)
- 線身折線如圖指示預折4處(如下附圖)

參照詳細圖示A



詳細圖示A

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	432	±5.0
4 Margin Width / 邊寬	M	1.0	±0.1
5 Terminal Thicknes / 線端總厚度	T	0.30	±0.05
6 Contact Length / 接觸面長度	S1	5	±1
	S2	5	±1
	S3	10	±2
	S4	0	±2
7 Supporting Length / 補強板長度			
8 Total Width / 總寬度	W	12.00	±0.1
9 Toal Pitch / 內部總間距	SP	10.00	±0.1
10 Slope / 切口斜度	A	0.0	<0.05

Material / 材料

Item / 項目	Specification / 規類	Remrk / 備註
1	UL2896 White	0.043 PET
2	White	0.06 PET
3	Support Tape / 補強板	Blue 0.16 PET
4	Conductor / Plating 導體 / 鍍層	Thickness (Ct) 0.1 ±0.005
		Width (Cw) 0.65 ±0.03
		Plated 1~3um Sn
5	雙面膠 NITTO 5000	4*10 705-R4
6	雙面膠 NITTO 5000	10*10 705-R4
	/	/ / /
	/	/ / /
	/	/ / /
	/	/ / /

Charateristics / 特性表

UL STYLE 2896

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)	0.29 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	/	2.0A
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)	耐曲折測試≥30cycle
12 Sliding Test / 柔性測試	R=Cable thickness	耐曲折測試≥100,000cycle
	15mmR,70 cycle / min , 25mm 往復運動	
13		
14 Abrasion Test / 耐磨測試	Ø5mm,600g,60cycle/min	Min 10,000cycles 10,000回以上

FPA-CB11-432-LF

LEADFREE

RoHS Compliant

MORETHANALL
CONNECTORS
ASSEMBLIES

PART NO. FPA-CB11-432

DWG NO. FPA-CB11-432

FILE NO.

UNIT / mm

SCALE 1:1

CHECKED BY CY

DRAWING BY

PROJECTION



TOLERANCES ARE

.X ± 0.2

.XX ±

.XXX ±

ANG

DESCRIP TION:

AREA

REVISIONS

HK

DATE

煜倫股份有限公司