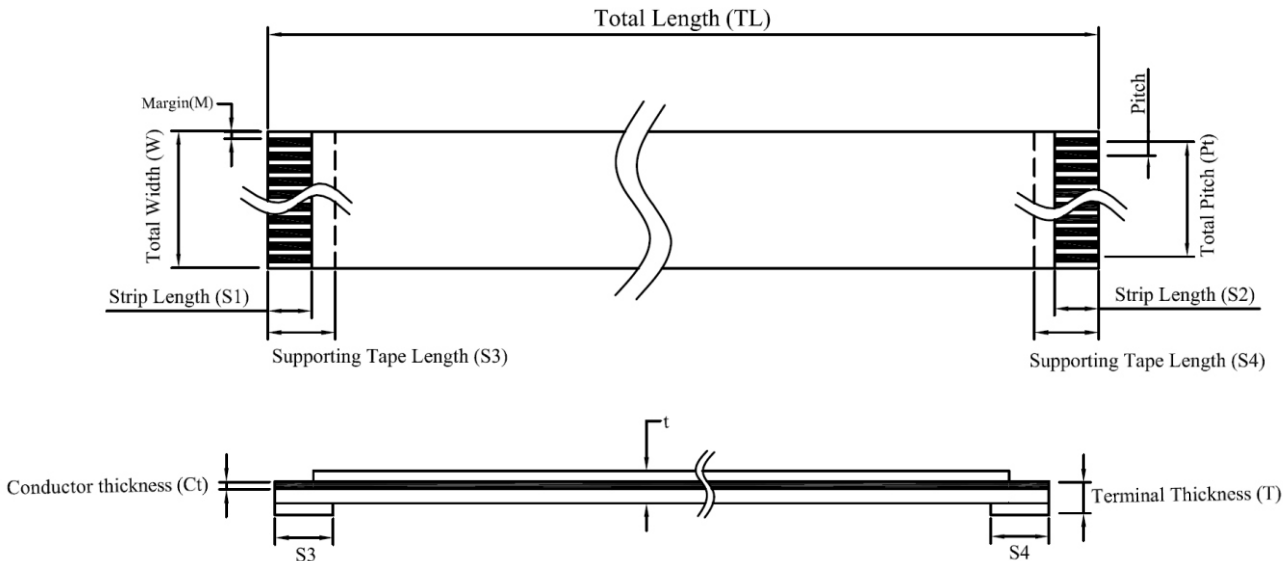


UL Style No : UL2896 / 80 ° C, 30V

Conductor : Tin Plated Copper Conductor  
Thickness(Ct): 0.05±0.01mm  
Width(Cw): 0.6±0.03mm  
Tin plating thickness:1~3μ

Insulation : Polyester (PET) film+adhesive  
PET film thickness: 0.019mm  
PET adhesive thickness: 0.024mm

Supporting tape : Polyester (PET) film+ adhesive  
PET film thickness: 0.188mm  
PET adhesive thickness: 0.032mm



SYMBOL	Pitch	PIN	TYPE	TL	Pt	W	M	T	t	S1	S2	S3	S4
RANGE	1.0	8	C	500	7	9	0.7	0.3	0.13	4	4	6	6
TOLERANCE	±0.08	ditto	ditto	±10	±0.1	±0.12	±0.15	±0.03	±0.01	±1.0	±1.0	±1.0	±1.0

Characteristics	Method	Spec
Conductor Resistance	JIS C-3102	Less than 0.58 Ω/m
Insulation Resistance	DC 500V after 1 min	More than 1,000 MΩ/m
Dielectric Strength	AC 500V for 1 min	No Breakdown
Open/Short Test	Tester DC 3.0V 0.1mA	Pass
Heat Resistance	85°C, 96hrs	Insulation resistance and Dielectric strength pass
Heat Cycle Test	-40°C→+25°C→+85°C→+25°C *12hrs*2cycles	Insulation resistance and Dielectric strength pass
Moisture Resistance	40°C, 95%RH, 96hr	Insulation resistance and Dielectric strength pass
Flame Test	UL VW-1	Pass
Flexing Test	10mmR*10cm*10 cycles/min	More than 30,000 cycles
Bending Test(180°) (clip the point of supporting tape)	±90°C, 60g, 0.5mmR	More than 10 cycles
Abrasion Test	5mm Ø 600g , 60 cycles/min	More than 10,000 cycles

**FPA-CA08-500-LF**  
**LEADFREE**  
**RoHS Compliant**

**MORETHANALL**  
CONNECTORS  
ASSEMBLIES

PART NO. **FPA-CA08-500**

DWG NO. **FPA-CA08-500**

FILE NO.

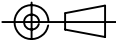
UNIT / mm

SCALE 1:1

CHECKED BY CY

DRAWING BY

PROJECTION



TOLERANCES ARE

.X ± 0.2  
.XX ±  
.XXX ±  
AWG

DESCRIP TION:

AREA

REVISIONS

HK

DATE

煜倫股份有限公司