

UL Style No : UL20624 / 80 ° C, 60V
UL Marking on one side

Conductor : Tin Plated Copper Conductor
Thickness(Ct): 0.05±0.01mm
Width(Cw): 0.65±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

FPA-CC10-1000-LF
LEADFREE
RoHS Compliant

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

PART NO. FPA-CC10-1000	
DWG NO. FPA-CC10-1000	CHECKED BY CY
FILE NO.	DRAWING BY
UNIT / mm	SCALE 1 : 1
PROJECTION	

TOLERANCES ARE
.X ± 0.2
.XX ± 0.1
.XXX ±
AWG

DESCRIP TION:

AREA

REVISIONS

HK

DATE

煜倫股份有限公司