
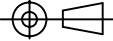


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J																																														
I	UL Style No : UL2896 / 80° C, 30V UL Marking on one side																																													
H	Conductor : Tin Plated Copper Conductor Thickness(Ct): 0.1±0.01mm Width(Cw): 0.65±0.03mm Tin plating thickness:1~3μ Insulation : Polyester (PET) film+adhesive PET film thickness: 0.035mm PET adhesive thickness: 0.025mm																																													
G	Supporting tape : Polyester (PET) film+ adhesive PET film thickness: 0.218mm PET adhesive thickness: 0.032mm																																													
F	<table><thead><tr><th>Characteristics</th><th>Method</th><th>Spec</th></tr></thead><tbody><tr><td>Conductor Resistance</td><td>JIS C-3102</td><td>Less than 0.38 Ω/m</td></tr><tr><td>Insulation Resistance</td><td>DC 500V after 1 min</td><td>More than 1,000 MΩ/m</td></tr><tr><td>Dielectric Strength</td><td>AC 500V for 1 min</td><td>No Breakdown</td></tr><tr><td>Open/Short Test</td><td>Tester DC 3.0V 0.1mA</td><td>Pass</td></tr><tr><td>Heat Resistance</td><td>85° C, 96hrs</td><td>Insulation resistance and Dielectric strength pass</td></tr><tr><td>Heat Cycle Test</td><td>-40° C→+25° C→+85° C→+25° C *12hrs*2cycles</td><td>Insulation resistance and Dielectric strength pass</td></tr><tr><td>Moisture Resistance</td><td>40° C, 95%RH, 96hr</td><td>Insulation resistance and Dielectric strength pass</td></tr><tr><td>Flame Test</td><td>UL VW-1</td><td>Pass</td></tr><tr><td>Flexing Test</td><td>10mmR*10cm*10 cycles/min</td><td>More than 30,000 cycles</td></tr><tr><td>Bending Test(180°) (clip the point of supporting tape)</td><td>±90° C, 60g, 0.5mmR</td><td>More than 10 cycles</td></tr><tr><td>Abrasion Test</td><td>5mm Ø 600g , 60 cycles/min</td><td>More than 10,000 cycles</td></tr></tbody></table>										Characteristics	Method	Spec	Conductor Resistance	JIS C-3102	Less than 0.38 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
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<div><div>CONNECTORS ASSEMBLIES</div></div>		PART NO.FPA-CA10-1600T 4		DWG NO. FPA-CA10-1600T 4		CHECKED BY CY		TOLERANCES ARE .X ± 0.2 .XX ± 0.1 .XXX ± AWG		DESCRIP TION:																																				
煜倫股份有限公司		FILE NO.		DRAWING BY		PROJECTION 		AREA		REVISIONS		HK		DATE																																
		UNIT / mm	SCALE 1 : 1																																											

SYMBOL	Pitch	PIN	TYPE	TL	Pt	W	M	T	t	S1	S2	S3	S4
RANGE	1.0	10	C	1600	9	11	0.7	0.4	0.22	3	3	5	5
TOLERANCE	±0.08	ditto	ditto	±2.0	±0.1	±0.12	±0.15	±0.03	±0.03	±1.0	±1.0	±1.0	±1.0

